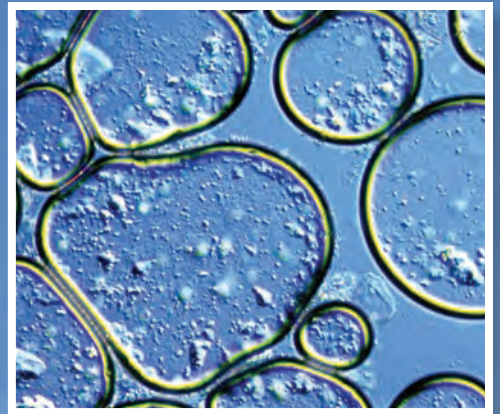


2012-2013 Annual Report



UCLA

School of Dentistry

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Dean's Message



"This has been a monumental year for the UCLA School of Dentistry. In addition to increasing our patient visits, there was a surge in our research funding. I could not be more proud of what we have accomplished."

Thank you for taking the time to read about the activities and events that occurred at the UCLA School of Dentistry during the 2012-2013 fiscal year. As I reflect on the many accomplishments that took place during this timeframe, I am more convinced than ever that this school continues to be one of the best dental schools in the world. Even while we continue to push the boundaries of dental education and oral health research, our commitment to patient-centered care and public service remains unwavering.

Of particular note is the fact that the 2012-2013 fiscal year marked the last year of our 5-year strategic plan, first implemented in 2008. We were able to achieve most, if not all, the strategic initiatives that we set out to accomplish. Throughout this letter and the report, you will see the positive outcomes of our strategic plan, which must be credited to the hard work of everyone at the School of Dentistry.

Of course, we have had our challenges this year, specifically the continued state budget cuts. But with an entrepreneurial spirit instilled in everything we do, we have once again been able to increase our revenue by more than \$11 million or roughly 16 percent. Much of this increase can be attributed to our research funding, philanthropic donations, and international training programs.

Despite the statewide fiscal setbacks, research funding had a landmark year, with 18 new grants awarded, totaling more than \$30 million, an astonishing \$14 million more than the previous fiscal year. The most notable awards were two contracts from First 5 LA – the Los Angeles-based child advocacy and grant-making organization – totaling nearly \$21 million. This funding supported activities that will increase access to quality dental care for children and pregnant women in Los Angeles County.

Not to be outdone, we received record support from our valued alumni and donor community. Philanthropy totaled nearly \$9.3 million, up 66 percent from the previous fiscal year. Several major gifts were made, including the largest pledge that the School of Dentistry has ever received. Specifically, Dr. Mick and Mary Dragoo pledged \$5 million to establish the UCLA Mick and Mary Dragoo Periodontal and Implant Clinical Research and Patient Care Center. We also received major funding to improve our information

technology infrastructure at the Wilson-Jennings-Bloomfield UCLA Venice Dental Center.

Our pre- and post-doctoral programs continue to be the top choice for some of the brightest students nationwide and internationally. Our incoming Class of 2016 had an overall GPA of 3.69, which was higher than the previous year. Our international programs continue to evolve, grow, and attract trainees from all over the globe. Students in these certificate programs represent more than 20 countries across six continents.

The UCLA Dental Clinics continued to provide quality, affordable dental care to the Los Angeles community with nearly 142,000 patient visits. There were also many upgrades and improvements made to several of our key clinics, including the Jack and Geraldine Weichman Endodontic Clinic, the Dr. Thomas R. Bales Orthodontic Clinic, and the UCLA Venice Dental Center.

In terms of community service, our faculty, students, and residents continue to be an invaluable resource at health fairs across Los Angeles County, with a strong presence at 35 health fairs. Once again, more than 60 volunteers from the School of Dentistry administered dental care to hundreds of people at the annual Care Harbor event – the free health clinic near downtown Los Angeles. We also held yet another successful Give Kids A Smile event, organized by our Section

of Pediatric Dentistry, that provided more than 140 children with free dental services.

Lastly, we will kick off our 50th Anniversary Celebration at our annual Alumni Association events in May of 2014. During the entire 2014-2015 fiscal year, we will be holding a series of special events to commemorate this significant milestone. I hope you will all join us to celebrate this milestone in the School of Dentistry's history.

Looking forward, we recently put the finishing touches on our next strategic plan, which will cover a 4-year timeframe, ending in the 2016-2017 fiscal year. I have every faith that we will meet and even surpass the initiatives we laid out for ourselves in the previous report.

I want to take this opportunity to recognize and thank the faculty, staff, students, donors, alumni, and our community partners for all their hard work in helping to establish the UCLA School of Dentistry as one of the most prestigious dental schools on the international stage.

Thank you,



*No-Hee Park, DMD, PhD
Dean & Distinguished Professor*

Administrative Team

No-Hee Park, DMD, PhD
Dean & Distinguished Professor

Carol Bibb, DDS '78, PhD
Associate Dean, Student Affairs

Paulo Camargo, DDS, MS, MBA, FACD
Associate Dean, Clinical Dental Sciences

Neal Garrett, MA, PhD
Associate Dean, Education & Faculty Development

Edmond Hewlett, DDS '80
Associate Dean, Outreach & Diversity

Ronald Mito, DDS '76, FDS, RCSEd
Associate Dean, Academic Programs & Personnel

Cun-Yu Wang, DDS, PhD
Associate Dean, Graduate Studies

David Wong, DMD, DMSc
Associate Dean, Research

Tara Aghaloo, DDS, MD '98, PhD '07
Assistant Dean, Clinical Research

Andrew Alexan
Assistant Dean, Finance & Chief Financial Officer

Vina Chin, JD
Assistant Dean, Administration & External Relations

Todd Schoenbaum, DDS '05, FACD
Acting Director, Continuing Dental Education

Mallory Gompert
Director of Development

Brianna Deane, MA
Communications & Media Coordinator

Erin Hakim
Postgraduate Program Coordinator & International Advisor

EDUCATION



Excellence in Education for the Brightest Students and Trainees Taught by World-Renowned Faculty

Welcome to our annual update on the UCLA School of Dentistry's educational programs, and the innovative ways in which we prepare our graduates to shape the future of the dental profession. I am confident that you will be assured that the future of dentistry is in very good hands.

Our pre-doctoral DDS program continues to attract a diverse and well-qualified student body with impressive academic credentials, diverse backgrounds, and professional goals. The 88 students in the incoming Class of 2016 were selected from a pool of nearly 1,900 applicants, and the scope of their undergraduate majors underscores that there is no such thing as a typical UCLA dental student. The diversity is further enhanced when 20 foreign-trained dentists enter the Professional Program for International Dentists (PPID) and join the third year class.

The future plans of the Class of 2013 exemplify the quality and professional promise of our graduates. Of the 100 graduates, 61 will continue their training in a variety of postgraduate programs spread across the country. Additionally, two graduates will continue in our PhD program in Oral Biology in preparation for careers as DDS/PhD clinician-scientists. And, the remaining 37 graduates will contribute to the primary healthcare workforce by joining the ranks of general dentists in private practice.

An ongoing challenge for the School of Dentistry is to provide robust financial support for these bright and talented students. Dental education is costly, and although the School

of Dentistry is the least expensive dental school in California, we are very grateful for the scholarships, fellowships, and grants that help reduce student indebtedness. In particular, I would like to acknowledge the generosity of the individuals and organizations that fund student scholarships, enabling us to recognize achievement in diverse areas including academic excellence, leadership, public service, and research.

The accomplishments of the recipients of the DDS, MS, and PhD degrees, and residency certificates were celebrated at the annual commencement ceremony held on June 2, 2013 in Royce Hall. The commencement address was given by Dr. David Feinberg, President of the UCLA Health System; Chief Executive Officer of the UCLA Hospital System; and the Associate Vice Chancellor of UCLA Health Sciences. Having been with UCLA for nearly 20 years, he has transformed the UCLA Health System into one of the top healthcare systems in the country. His speech on the System's commitment to upholding the highest clinical standards for patient care and satisfaction was very inspirational.

We also recognized Dr. Tom Rauth as a special honoree. For nearly 10 years, Dr. Rauth, DDS Class of 1973, served as the Chair of the Apollonian Society – the School's membership based philanthropic society, which is dedicated to enhancing the student experience. With his help, the amount of funding the society has contributed to the School of Dentistry has exceeded \$2 million.

Being honored as Distinguished Faculty of the Year was Dr. Ronald Mito, DDS Class of 1976 and Associate Dean of

Opposite page, left: Members of the Class of 2013 after receiving their DDS degrees on June 2, 2013 in Royce Hall.

Opposite page, right: Drs. Flavia Pirih and Paulo Camargo present an award to Tina Chang (center) from the American Academy of Periodontology.



Academic Programs and Personnel. Having served UCLA for nearly 30 years, Dr. Mito was recognized for his outstanding achievements as a dental educator, clinician, academic administrator, and leader, both at UCLA and in the field of dentistry.

In addition to a challenging curriculum that prepares our graduates for general practice or advanced education, we offer a variety of opportunities for our students to individualize their professional development. In this section you will read about some of these opportunities, including the Dean's Leadership Institute; the Academic Track and teaching apprenticeships for future dental educators; and student energy in the legislative arena.

The Office of Continuing Dental Education (CE) and Alumni Affairs is one of our mainstays for staying connected with our alumni and the entire dental community. This past academic year, we had more than 5,000 dental professionals attend over 100 CE courses. With new courses and faculty being rolled out in the coming year, our CE program is a top choice for dentists and oral healthcare providers the world over.

I hope you enjoy this brief introduction to some of the bright and talented students who will shape the future of the dental profession. There is no question that future leaders in dental education, research, patient care, community service, and legislative advocacy will be alumni of the UCLA School of Dentistry.

*Carol Bibb, DDS '78, PhD
Associate Dean, Student Affairs*

Class of 2016 at a Glance

88 Students { 46 Females
42 Males

Degrees Held { 83 Bachelor's
4 Master's
1 PhD

Majors Include { Animal Science, Biology, Biochemistry, Bioengineering, Biophysics, Business Administration, Chemistry, Computer Science, Exercise Science, International Development Studies, Management, Mechanical Engineering, Microbiology, Molecular, Cellular Biology, Neurobiology, Nutritional Science, Oral Biology, Physiology, Psychobiology, Psychology, Public Health, and Spanish.

GPAs		Dental Admission Test Scores	
3.69	Overall GPA	22	Academic Average
3.66	Science GPA	22	Perceptual Ability
		22	Total Science

Class of 2013 Degree Recipients

Adam W. Adamonis •
 Shoab Ahmed
 Ruth Alvarez
 Sahil Dinesh Amin-Patel
 Margarita Bran Angulo
 Robert Banh
 Saeed Bayat Movahed
 Julia Johanna Becherer
 Jeffrey John Becker
 Jeremiah Michael Beisel
 Heta Mukesh Bhansali
 James Newell Blackburn
 Shiva Hedvat Borukhim *
 Julia Hoy Brooks
 Hweejo Byun
 Susan Eiselman Cane
 Stephanie Lyn Cappiello
 Carlton David Chan
 Alexander V. Chang
 Insoon Chang
 Tina Yen-Ting Chang •
 Dipak Vitthal Chaudhari
 Barry BorWen Chiang
 Jeesoo John Choe
 Matthew Thomas Dailey
 Arsham Dianat
 Amy Gabriela Dimitrakopoulos
 Hannah Duong
 Danielle Farzam
 Scott Evan Fosse
 Ryan Franco
 Adi Avital Genish
 Lauren Elizabeth Goldman
 Harry Golnazarian
 Erika Gomez
 Minakshi Narendra Gupta
 Tracy Ha
 Kerry Frederick Hahn ♦
 Moayed Ismail Harb
 Brittany Leigh Hazard •
 Jason Chun-sheng Hsieh
 Jessica Kee Hsieh
 Jimmy K. Huynh
 Ijeoma Chinenye Igwe
 Habiba Ismail
 Todd Michael Jenny
 Daniel H. Johnson
 Andy Young Ko
 Jessica Koh
 Farnaz Kohanbash
 Anita Sree Kris
 Joseph Hermes Lai
 Kinh La-Pham
 Karis Jeanyoung Lee
 Jenny Choon Yen Lim
 Chirstina Lin
 Sapna Lohiya
 Brett Michael Martin

Future Plans

100
 Graduates:

37

Entering
 Private Practice

63

Continuing
 Training

26 General Practice/Adv. Edu. in
 General Dentistry
12 Orthodontics
8 Oral Surgery
6 Pediatric Dentistry
3 Periodontics
2 Advanced Prosthodontics
2 PhD in Oral Biology
1 Endodontics
1 Oral Pathology
1 Oral Radiology
1 Oral Surgery Internship

Mark Douglas Mintline
 Pegah Naji
 Lila Ninh
 Sean Jeffrey Nolan
 Michelle Cathleen Okamoto
 Melissa Blair Ota
 Randi Kimiko Oyama
 Jacob Matthew Pack
 Puja K. Patel •
 Charlene Aiko Pham
 Jennifer Emily Pohl
 Michael Qin
 Jeanette Quintanilla
 Jeffrey Thomas Rafalski
 Edgar Jose Rivera Estrada
 Katherine Mary Rosen
 Anahita Sabaghian
 Matthew August Sandretti
 Giancarlo E. Santos
 Jason Robert Scott
 Niloufar Sherf
 Parker Douglas Shiffler
 Gary Sidhu
 Keri Eileen Silva •
 Michael Su

Monika Bernice Tincher
 Melanie Thienthao Tongoc
 Teresa T. Tran
 Thu Minh Trinh
 Tom Khiem Tu
 E. Joe Tucholski
 Karona Apsara Tum
 William Anthony Vainer
 Lauren Meryl Weber •
 Jing Wen
 Steven Kenneth Wong
 Wendy Wong
 Michelle Wu
 Junyi Xie
 Jennifer Hsiao-Chieh Yau *
 Amir Yavari
 Golnaz Isabel Yeroushalmi

Key

- Cum Laude
- * Magna Cum Laude
- ♦ Summa Cum Laude

Scholarships, Fellowships, and Grants to DDS Students

Aid from University Sources		
Dentistry Grants/Dean's Scholars Grants (Professional School Fees)		\$2,400,401
UC Regent's Scholarship		\$58,500
Dental School Scholarship Committee Awards	<i>Apollonian Society Scholarship</i>	\$21,000
	<i>Chris and Naomi Bement Scholarship</i>	\$2,000
	<i>Board of Counselors Scholarship</i>	\$15,000
	<i>Dr. Howard Y. Chen Scholarship</i>	\$4,000
	<i>Craniofacial Research Scholarship</i>	\$5,000
	<i>Dental Foundation of California Endowed Scholarship</i>	\$15,000
	<i>Dr. Donell C. Fisher Memorial Scholarship</i>	\$4,000
	<i>Dr. Riley K. Hayashi Memorial Scholarship for Orthodontics</i>	\$2,000
	<i>Mary Hooley Scholarship</i>	\$4,000
	<i>Wyatt Rory Hume Scholarship</i>	\$9,000
	<i>Steven S. Koh Scholarship</i>	\$2,000
	<i>David & Miki Lee Scholarship</i>	\$25,000
	<i>Mason C. & May Oong Endowed Scholarship</i>	\$2,000
	<i>Quon Family Scholarship</i>	\$10,000
	<i>Dr. Sherwin Rosen Scholarship</i>	\$3,000
	<i>Dr. Michael E. Ross Memorial Scholarship</i>	\$2,300
	<i>School of Dentistry Student Scholarship & Fellowship Fund</i>	\$2,000
	<i>Shirley and Ralph Shapiro Scholarship</i>	\$9,000
	<i>Kathy and Randy Wall Scholarship</i>	\$6,000
	<i>Webb Family Scholarship</i>	\$10,000
	<i>Yoshio Yamaguchi Scholarship</i>	\$6,000
	<i>Yip Family Scholarship</i>	\$6,000
Subtotal of Dental School Awards		\$164,300
Subtotal		\$2,623,201
Aid from Outside Sources		
ADA Foundation Dr. Robert B. Dewhirst Scholarship		\$2,500
CDA Foundation Latinos for Dental Careers Scholarship		\$2,000
Delta Dental Hispanic Initiative		\$40,000
Frank M. and Gertrude R. Doyle Foundation Scholarship		\$6,886
The Foundation of the Pierre Fauchard Academy		\$1,000
Governor's Scholarship Program		\$9,781
Van R. Johnson Sutter Scholarship		\$3,000
National Health Service Corps		\$40,506
P.E.O. Foundation		\$3,720
The Pedrozzi Scholarship Foundation		\$1,000
Scholarship Foundation of Santa Barbara		\$1,667
Henry M. Thornton/Student Clinicians-American Dental Association Fellowship		\$2,500
UCLA Affiliates Scholarship		\$5,000
US Army Scholarship		\$130,962
US Navy Scholarship		\$77,393
US Veteran Benefits; Post 9/11 GI Bill & Cal Vet Benefits		\$123,461
Subtotal		\$451,376
Total Aid from All University and Outside Sources		\$3,074,577

The Future is in Good Hands

In addition to the didactic curriculum and clinical training that our DDS students receive, the UCLA School of Dentistry strives to provide opportunities for professional development that promote skills and traits of future leaders in the dental profession. The following activities highlight ways in which our pre-doctoral students were involved in dental student leadership groups and organized dentistry during the 2012-2013 academic year.

Learning to Legislate

Starting in November 2012, the American Dental Political Action Committee – the legislation arm of the American Dental Association – set out to engage as many dental students as possible in legislation and policymaking that affect the dental profession. With the help of the School of Dentistry’s American Student Dental Association (ASDA) chapter, several membership drives were held during the 2012-2013 academic year. Due to the efforts of the committee and our ASDA chapter’s legislative liaison, Adrien Hamedi-Sangsari, Class of 2015, more than 45 students joined the committee.

On March 3 - 6, 2013, the School of Dentistry’s ASDA chapter attended the association’s Annual Session, which was held in Atlanta, Georgia. Twenty-two DDS students from the School of Dentistry attended the event, which was the highest number of participants from any school represented. In addition to receiving first place for the chapter with the “Most Outstanding Activities”, the School of Dentistry also placed second in the pre-dental recruitment and the Crest/ Oral-B Community Dentistry Award. Students also had the opportunity to network with students from other schools and attended seminars on current dental issues.

Less than two months later on April 15-16, 2013, hundreds of dental students from all over the country came together for the National Dental Student Lobby Day – an annual event also put on by ASDA to train students on how Congress works. Fourteen DDS students from the School of Dentistry traveled to Washington D.C., to hone skills to make them stronger lobbyists and advocates for the dental profession.

Students had the opportunity to discuss and lobby face-to-face with Congress people about the bills that would directly affect their futures, including the ExCEL Student Debt Reduction Act, the Medical Device Tax repeal, and the proposed extension of tax breaks for recent graduates paying down school debt.

“From my time in D.C., I learned that if we are not active in engaging the important issues in dentistry, then lawmakers and Congress have the potential to greatly change this field. I learned that there are many changes that need to occur to provide better access to oral healthcare in this country.” - Quinn Yost, Class of ‘16



Photo, above: Dental students in Washington D.C. for National Lobby Day. Pictured left to right: Pardis Rajabi ('14), YingCi Liu ('16), Olivia Yue ('15), Abbey Khatib ('16), Kris Mendoza ('15), Tasneem Nabelsi ('16), Shane Chou ('15), Ray Rebong ('15), Noha Nour ('14), Sarav Patel ('15), Rhonda Kalasho ('15), Adrien Hamedi-Sangsari ('15), Barrett Nordstrom ('14), and Quinn Yost ('16).

On June 9, 2013, the School of Dentistry received a special visit from Congressman Paul Gosar, who represents the 4th District in Arizona. After meeting with Dean No-Hee Park, Congressman Gosar met with several DDS students to discuss issues facing organized dentistry. Topics discussed were access to care, mid-level care providers, and student loans. The meeting shed light on topics facing the students and the dental profession, today and in the future. Congressman Gosar is one of two dentists in Congress and serves as the voice of dentistry in Washington D.C.

For the past nine years, the School of Dentistry has offered the Dean's Leadership Institute to approximately 14 pre-doctoral students who are in their third or fourth year of dental school. Established in 2004, the Institute was created as a way to foster and grow leadership qualities exhibited by our DDS classes and it serves as a valuable professional development opportunity. The individuals chosen for the 2012-2013 Institute were no exception as they showed talent and drive that so many of our pre-doctoral students have displayed throughout the years.

Over the course of 12 weeks, the students were exposed to a number of influential, dynamic leaders, who discussed topics

as diverse as professional ethics, improving patient satisfaction, strategic planning, entrepreneurship, and wealth management. The 12 sessions, led by Dean No-Hee Park and Dr. Ronald Mito, helped prepare the future dentists to meet the demands of the profession, whether in private practice, organized dentistry, academic dentistry, dental science, or the entrepreneurial realm. The following students are being recognized for their participation in the Institute and we wish them well as they complete their training at the School of Dentistry; Insoon Chang, Hayley Cox, Jeffrey Diamond, Minakshi Gupta, Allison Inouye, Matt LeCheminant, Alex Wooram Lee, Sapna Lohiya Salina Massei, Barrett Nordstrom, Jessica Pack, Laura Pashkowsky, Jay Ponto, Ryann Walker, and Sandra Yen.



Front row, left to right: Laura Pashkowsky, Sapna Lohiya, Insoon Chang, Dean No-Hee Park, Hayley Cox, Minakshi Gupta, and Jessica Pack. **Second row, left to right:** Allison Inouye, Salina Massei, Ryann Walker, and Sandra Yen. **Third row, left to right:** Barrett Nordstrom, Alex Wooram Lee, Jay Ponto, Jeffrey Diamond, and Matt LeCheminant.

Question: What speaker did you enjoy the most and why?

Answer: I enjoyed Dr. David Feinberg discussing his leadership style and his vision for the UCLA Health System. It was amazing to hear how one person could transform an organization so quickly. – *Insoon Chang, Class of 2013*

Answer: Dr. Gerald Levey, the former Dean of the David Geffen School of Medicine at UCLA, was very inspirational. To hear about his hardships and how he overcame them was touching. – *Salina Massei, Class of 2014*

Question: What motivated you to get into dentistry?

Answer: It was a combination of my own experience of needing dental work by an oral surgeon and my degree in human biology. – *Jeff Diamond, Class of 2014*

Question: What was a valuable take-away that you learned from the Dean's Leadership Institute?

Answer: Invest in your strengths and stop worrying about your weaknesses. – *Laura Pashkowsky, Class of 2014*

Answer: Sometimes, you need to step outside, get some air, and remind yourself of who you are and who you want to be. – *Jay Ponto, Class of 2014*

Question: What is one of your major career goals?

Answer: To build a free or subsidized clinic, as well as pursue advanced education. – *Jessica Pack, Class of 2014*

Answer: To become president of a local dental society and establish a free dental clinic and recruit dentists to volunteer. – *Barrett Nordstrom, Class of 2014*

Inspiring Future Dental Educators

An ongoing challenge confronting the dental profession is the growing shortage of dental educators, and the UCLA School of Dentistry continues to address this issue through innovative opportunities for students to explore an academic career. For example, in the UCLA ASDA Basic Dental Principles (BDP) Teaching Apprenticeship, dental students work under the mentorship of experienced faculty to prepare and deliver lectures and laboratory instruction to pre-dental students.

Currently, in its 8th successful year, the BDP program has had a two-fold positive impact. First, the hands-on teaching experience inspires our dental students to include academia in their future professional endeavors. Second, pre-dental students who take the BDP course have the opportunity to explore and confirm their interest in dentistry and are

"My desire to become a faculty member involved in dental education was solidified by my participation in the Basic Dental Principles Teaching Apprenticeship. This program offered a unique opportunity to hone my lecturing skills, test-writing skills, and classroom management."

- Dr. Chanel McCreedy, Class of 2010, Clinical Assistant Professor in the Section of Pediatric Dentistry

frequently inspired to become teachers in the future. Another successful program is the Academic Track supported by an NIH/NIDCR R25 training grant titled, "Recruiting, Mentoring, and Empowering the Next Generation of Academic Dentists."

Under the mentorship of Drs. Diana Messadi, Carol Bibb, Clarice Law, Karen Lefever, and Chanel McCreedy, dental students and postgraduate trainees are introduced to career options in dental education and provided with the teaching, mentoring, and leadership skills needed to be successful as an academic dentist. Each year, more and more students apply to participate in these opportunities, and the graduates of the programs are filling full- and part-time faculty positions here at UCLA and in other dental schools.

Through my experience teaching in the Basic Dental Principles program, I have solidified my passion for educating, while my experience in the Academic Track has further helped me focus and cultivate that passion. The opportunity to be mentored by distinguished faculty members has been invaluable to my decision to pursue academia in the future.

- Allison Inouye, Class of 2014

Postgraduate Training Certificates

Advanced Education in General Dentistry-Venice

Dustin Lee Cohen
Stacey Chin Ying Cohen
Joanna El-Maasri
Elizabeth Kyurkchyan
Azadeh Rastikerdar
Parastoo Salehi

Advanced Education in General Dentistry - Westwood

Narbeh Bandary
Elnaz Hendifar
Robert William Kangas
Jungman
Husam Mohamed Najah
Constantine Nicolas Reppas
Brooke Anne-Marie Smars
Ani Toomanian

Advanced Prosthodontics

Joseph K. Hahn
Kristin Ty McCarville

Dental Anesthesiology

Mary Concepcion Perez
Satuito
Kristopher Ryan Smith

Endodontics

Anu Bhalla
Adam Sumitomo Inaba
Rashi Vohra

General Practice Residency

Morvarid Aletomeh
Jeffrey Thomas Hsu
Rosemarie Liao
Harkeet Singh Sappal
Kelly Alexandra Shimada
John Quoc Tran

Maxillofacial Prosthetics

Craig Kenneth Andresen
Sun-Yung Bak
Andrea Elizabeth Jordan

Oral & Maxillofacial Surgery

Heena J. Chandra
Solomon Louis Rikmar
Poyourow

Orofacial Pain & Dysfunction

Paul Grin
Andrew Thomas Smith

Orthodontics

Jin Hee Kwak
Ryan Walsh McComb
Silva Megerdichian
Michael Connely Woods
Kimberley Wainam Wu

Pediatric Dentistry-CHAT San Diego

Megan Katherine Burns
Winston Sutzse Lin
Kemia Okumatsu Wendfeldt

Pediatric Dentistry- Westwood

Jonathan Duk Gen Chang
Michelle Ming-Chao Chen
Dean
Sahar Doostzadeh
Christine A. Hwang
Cicely Brooke Smith

Pediatric Dentistry-CHAT Venice

Sona Kaur Gill
Natalie Ann Umof

Periodontics

Jonathan Hoang Do
John Tzushan Shen

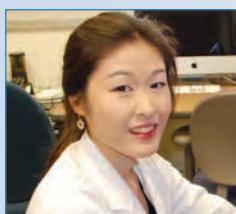
Oral Biology Degree Recipients 2013

Rashi Arora (Mentor: Dr. Francesco Chiappelli)
Development and Validation of a N.O.V. (New, Original & Valid) Tool for Assessing the Quality of Individual Patient Data Meta-Analysis

Angie Suleny Celis (Mentor: Dr. Anahid Jewett)
Role of NK cells in Selection and Differentiation of Lung Cancer Stem Cells

Yang Chai (Mentor: Dr. Shen Hu)
Proteomic Analysis of Cancer Cell Metabolism

Jin Hee Kwak (Mentor: Dr. Kang Ting)
NELL-1 Injection Maintains Long Bone Quantity and Quality in an Ovariectomy-Induced Osteoporotic Senile Rat Model



"The MS Oral Biology program distinguishes itself from other institutions by offering a practical training experience for clinician-researchers to utilize the didactic scientific knowledge in order to independently design experiments."

- **Jin Hee Kwak**

Kristin Ty McCarville (Mentor: Dr. Ichiro Nishimura)
Circadian Rhythm, Vitamin D, Deficiency and Osseointegration

Ryan Walsh McComb (Mentor: Dr. Won Moon & Dr. Sotirios Tetradis)
An Exploratory Approach for Mapping the Surface of the Human Skull in Three Dimensions: Technical Methods and Clinical Application



"The MS in Oral Biology program provided the flexibility for me to complete the degree alongside my residency training, as well as design and implement an innovative research project specific to my clinical interests. - **Ryan McComb**

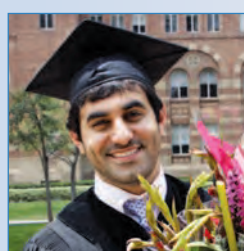
Phyu Ou Maung (Mentor: Dr. Anahid Jewett)
NK Cells Kill Poorly Differentiated but not Well Differentiated Pancreatic Tumors; Role in Selection and Differentiation of Cancer Stem Cells

Silva Megerdichian (Mentors: Dr. Shen Hu & Dr. Xinli Zhang)
Adipose-Derived Perivascular Stem Cells Heal Critical Size Mouse Calvarial Defects

Andreia Minasian Silvera (Mentors: Dr. Steven Ganzberg & Dr. Renate Lux)
Does Phentolamine Mesylate Reverse Soft Tissue Anesthesia After 3% Mepivacaine?

Kaori Misuno (Mentor: Dr. Shen Hu)
Proteomic Study of Oral Cancer Stem-like Cells and Bone Marrow Cell Treatment for Sjögren's Syndrome

Emil Simanian (Mentor: Dr. Wenyuan Shi)
Determination of RadD-Dependent Gene Regulation in *Fusobacterium nucleatum* in the Presence of *Streptococcus sanguinis*



"Working with talented colleagues and professors within the Oral Biology graduate program for the past two years allowed me to not only grow personally, but also professionally. It was a pleasure being associated with such a highly regarded intellectual community, and I look forward to continuing my association with UCLA." - **Emil Simanian**

Michael Connely Woods (Mentor: Dr. Sanjay Mallya)
Cyclin-D1 Modulation of Vitamin-D-Induced Gene Expression in Oral Keratinocytes

Kimberley Wainam Wu (Mentors: Dr. Won Moon & Dr. Ki-Hyuk Shin)
The Efficacy of Maxillary Protraction Protocols With and Without Micro Implants — A Finite Element Study

Tingxi Wu (Mentors: Dr. Wenyuan Shi)
Development of *in vitro* Denture Biofilm Models for Studying Denture-Related Halitosis and Stomatitis

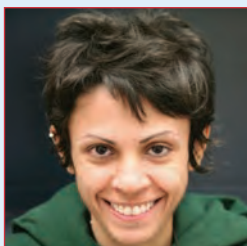
James Beiji Zhang (Mentor: Dr. Robert Chiu)
Cyclophilin A Regulates Osteogenesis via NF- κ B/p65 through Direct Interaction

Growing Globally

During the 2012-2013 fiscal year, the UCLA School of Dentistry continued to expand its international education and training programs. The quality of our curriculum and hands-on experience is unmatched among similar programs. In February, the School of Dentistry converted the International Postgraduate Training Programs (IPTP) into the Advanced Clinical Training Programs (ACT), in order to provide clarification on the nature of these programs. The ACT programs include training that have patient treatment as an element of the programs as opposed to Preceptorships, the School of Dentistry's other brand of international programs, where trainees are primarily observers of patient treatment. Both our ACT and Preceptorship programs continue to grow in demand, as enrollment went up by a total of 6 percent compared to the last fiscal year. During the 2012-2013 academic year, we had 16 students complete an ACT program, 19 complete an IPTP program, and 61 complete a preceptorship. Students in these certificate programs represented 24 countries in six continents, showing the extent of our international reach.

In addition to the name change of our former IPTP programs, our Professional Program for International Dentists (PPID), also underwent some positive changes. Traditionally, the PPID program admitted 12 students every year and after a rigorous summer preparation program, joins the third and fourth year classes for their degree training. During the 2012-2013 academic year, our PPID program was expanded to accommodate 20 students, and the first graduating class of this larger group will be the Class of 2014.

The School of Dentistry also appointed Dr. Steve Lee, UCLA DDS Class of 1994, as the new PPID Director. Dr. Lee first started his service with UCLA in 2007 as a Lecturer in the Division of Restorative Dentistry as well as a Group Director at the UCLA Dental Clinics. In April of 2013, he was inducted into Omicron Kappa Upsilon, the Honorary Dental Society, and over the past few years has received several awards for his mentoring and teaching activities.



Shahed Al Khalifah
Country: Saudi Arabia
ACT Trainee in Restorative Dentistry

"This program took my dental experience to a level I did not think was possible. It is very interactive and engaging. I am inspired to rethink the way I plan and present clinical treatment. It has truly been an absolute pleasure to have experienced this valuable opportunity."

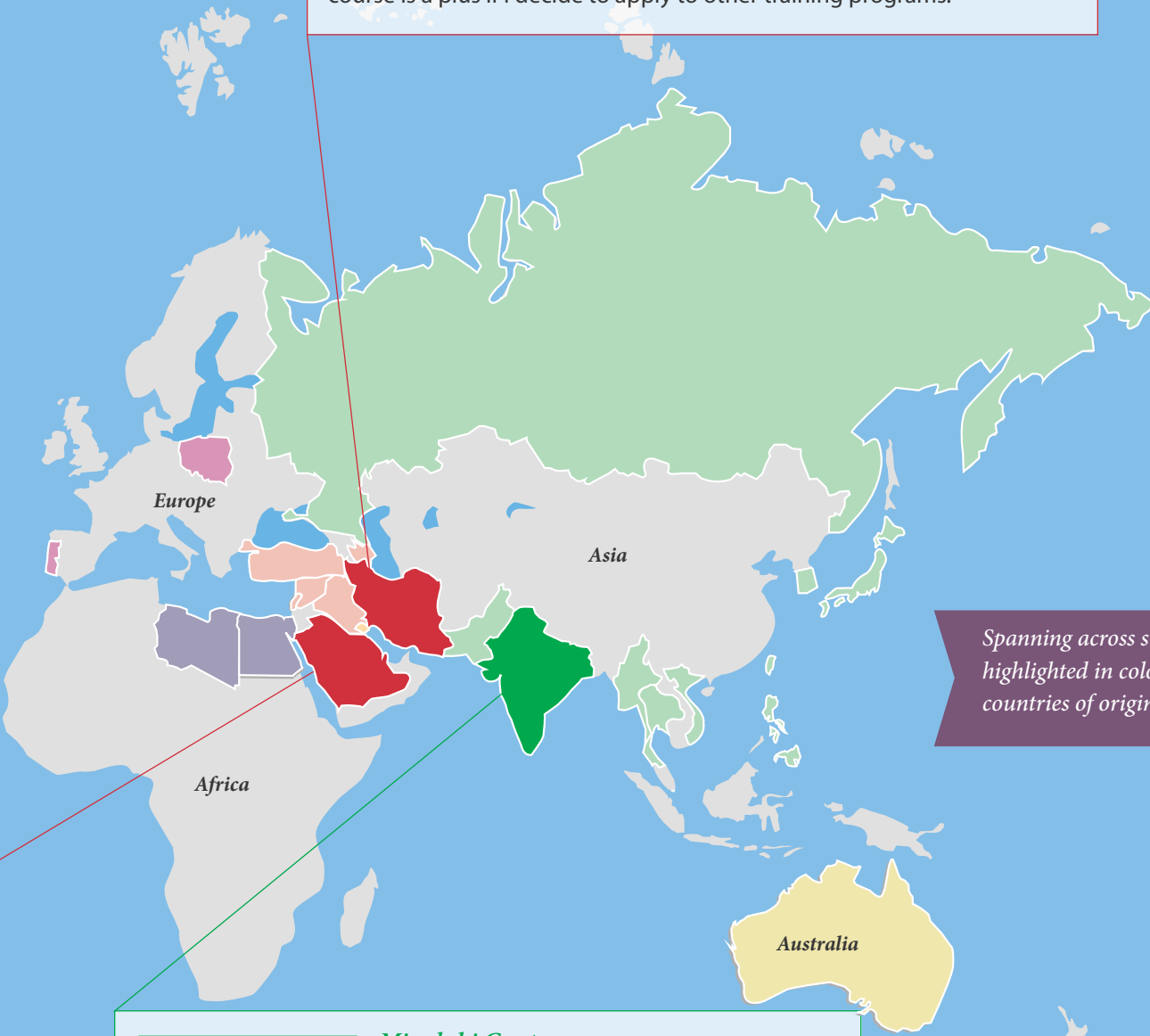


Navid Farzadfar

Country: Iran

Orofacial Pain & Dysfunction Preceptorship

"I was never exposed to non-odontogenic pain in dental school. Therefore, almost everything I learned in this program was new. Being exposed to a clinical environment in the United States was a great advantage of participating in this program. Additionally, having completed an advanced dental education course is a plus if I decide to apply to other training programs. "



Spanning across six continents, highlighted in color, represent the countries of origin of our trainees.



Minakshi Gupta

Country: India

PPID, Class of 2013

"I've learned so much from my time at UCLA. From volunteering at health fairs to the overall instruction and training, it has been a challenging and rewarding educational experience. I especially enjoyed the Dean's Leadership Institute, as it helped with my ability to speak in front of people."

Professional Development for Dentists

Continuing Dental Education

After serving as the Director of the UCLA School of Dentistry's Office of Continuing Dental Education (CE) for 19 years, Dr. Bill Yancey decided to retire, effective April 23, 2013. Dr. Yancey was steadfast in his determination to create one of the most sought after CE programs in the country. He began with a very small selection of courses, and was instrumental in growing it into the comprehensive program it is today. I, along with so many others here at the School of Dentistry, am grateful to him for his dedication and hard work. We are sorry to see him go but extend our warmest wishes in retirement.

Thanks to the efforts of Dr. Yancey, the School of Dentistry is widely recognized as one of the preeminent dental CE

providers in the world. We regularly have participants fly from across the country and even the globe to take part in our programs. This success is largely due to the outstanding quality of our faculty, the thoughtfully crafted curriculum, and the exceptional customer service of our staff. The School of Dentistry's CE courses are often emulated, but never quite recreated.

The 2012-2013 fiscal year saw a participation growth of 31 percent, with more than 5,000 attendees, taking advantage of 142 courses, across 204 teaching days. This attendance increase was significant since economic growth in many professional development industries was still relatively flat.

By the Numbers

5,089

Attendees

142

Courses Offered

Photo to right: Dr. Brian LeSage (center), a CE instructor, explains the intricacies of aesthetic diagnosis to three participants from around the world, including the United Kingdom and Puerto Rico.

Opposite page, left: Surgical Implant workshops have become an integral part of the learning process. Here, participants learn advanced bone and gingival grafting techniques during a guided exercise.

Opposite page, right: Dr. Jeff Morley, a CE instructor, leads an intimate workshop demonstration during the Advanced Anterior Esthetics course.



With many changes and continued improvements on the horizon, expectations are high for the coming 2013-2014 CE program. After having served as the Assistant Director for four years, I was recently appointed the Acting Director of the CE program by Dean No-Hee Park. In the coming months, I will be reaching out to School of Dentistry and CE alumni by extending significant discounts to show our appreciation for all their support and loyalty over the years.

New cutting-edge courses with new faculty will soon be rolled out. We are aggressively extending our international reach through collaborative partnerships with study clubs, professional academies, and universities from countries around the world.

I am excited about the future, not only for the School of Dentistry's Continuing Dental Education program, but also for the future of education in the dental profession and the art and science of dentistry in its entirety.

With warmest regards,

Todd R. Schoenbaum, DDS, FACD
Acting Director, Continuing Dental Education



RESEARCH

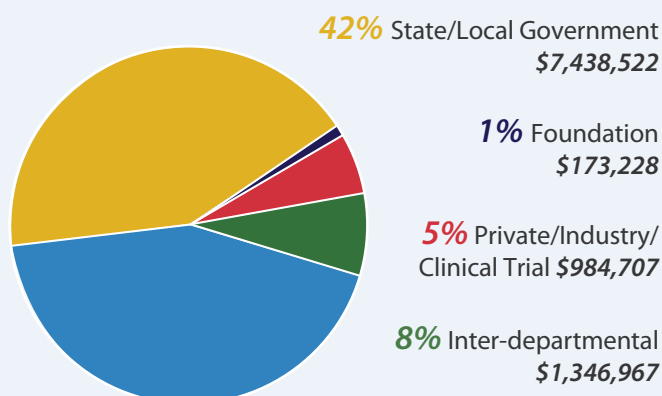
A Strong Commitment to Conducting Top-Tier Research to Transform Dental Science and Patient Care

The UCLA School of Dentistry's research initiatives reached a new level of excellence during the 2012-2013 fiscal year. There were 18 new contracts and grants, totaling \$30 million, awarded to faculty from the National Institutes of Health and other funding agencies. This was a record high for the School of Dentistry and an astonishing \$14 million more than the previous fiscal year. The most notable awards were two contracts from First 5 LA – the Los Angeles-based child advocacy and grant-making organization – totaling nearly \$21 million. For the next five years, Dr. Jim Crall, Chairman of the Division of Public Health and Community Dentistry, will direct the two projects. Additionally, the School of Dentistry hopes to gain a better understanding of the barriers that limit the use of dental care services by underserved groups in order to initiate improvements in care. A more in-depth explanation of these projects can be found on page 43.

The number of faculty members who served as principal investigators (PIs) on grants awarded to the School of Dentistry remained the same as the prior fiscal year with a total of 38 PIs, of whom, two were first-time investigators.

Our annual Research Day was held on February 20, 2013, and featured "Women's Diseases and Oral Health" as the main theme. This was the fourth year of this event and we were honored to have Dr. Linda Demer as the keynote speaker. Her presentation on, "The Biomineralization Paradox in Women: Mechanisms of Concurrent Calcification of Arteries and Decalcification of Bone," was both intriguing and insightful. Dr. Demer has been with UCLA since 1988 and is a Professor of Medicine (Cardiology), Physiology, and Bioengineering. She is also the Executive Director for the Specialty Training and Advanced Research program at UCLA and Executive Vice Chair for the Department of Medicine at the David Geffen School of Medicine at UCLA.

Grants by Funding Source 2012-2013

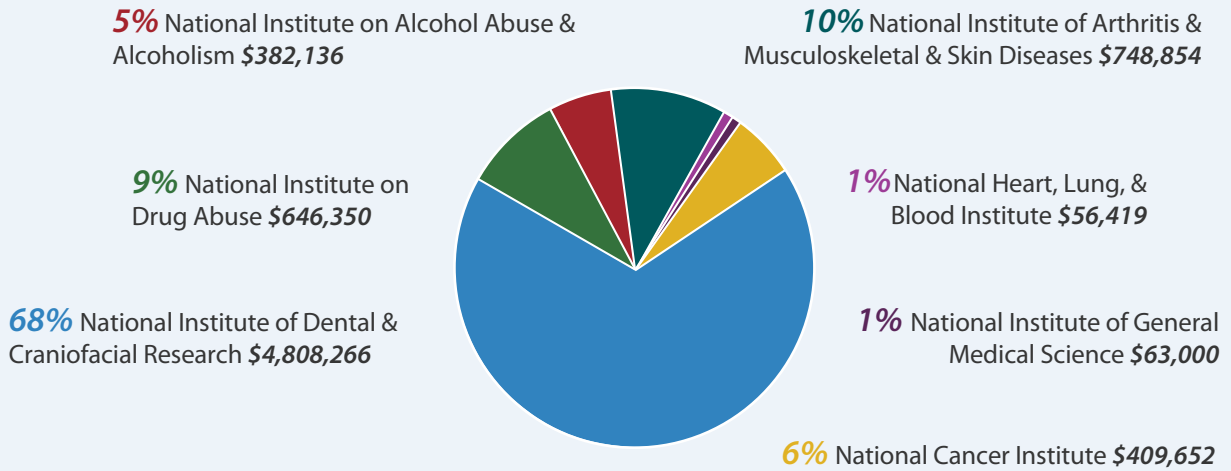


Following Dr. Demer's presentation, Drs. Aurelia Nattiv, Professor at the UCLA Departments of Orthopaedic Surgery and Family Medicine; Songtao Shi, Professor at the Ostrow School of Dentistry at USC; Reuben Kim, Associate Professor, Ki-Hyuk Shin, Associate Adjunct Professor; and myself, David Wong, participated in the faculty symposium. The forum provided a unique opportunity for the faculty to share their research expertise and engage in an open dialogue with each other and the audience.

Rounding out the day's events was a competitive scientific research poster competition where dental students, graduate students, and postdoctoral students showcased their work.

For the sixth year in a row, the School of Dentistry offered a unique educational experience for Los Angeles area high school students. Our Pre-college Science Education program,

National Institutes for Health Grants by Institutes 2012-2013



originally funded by the Howard Hughes Medical Institute, exposed gifted, disadvantaged students to the exciting world of university research in the health sciences. The program was set to end in June of 2012, but with funding from the Chancellor's office as well as support from Dean No-Hee Park, it will continue for another five years. A more in-depth description of this program can be found on page 45.

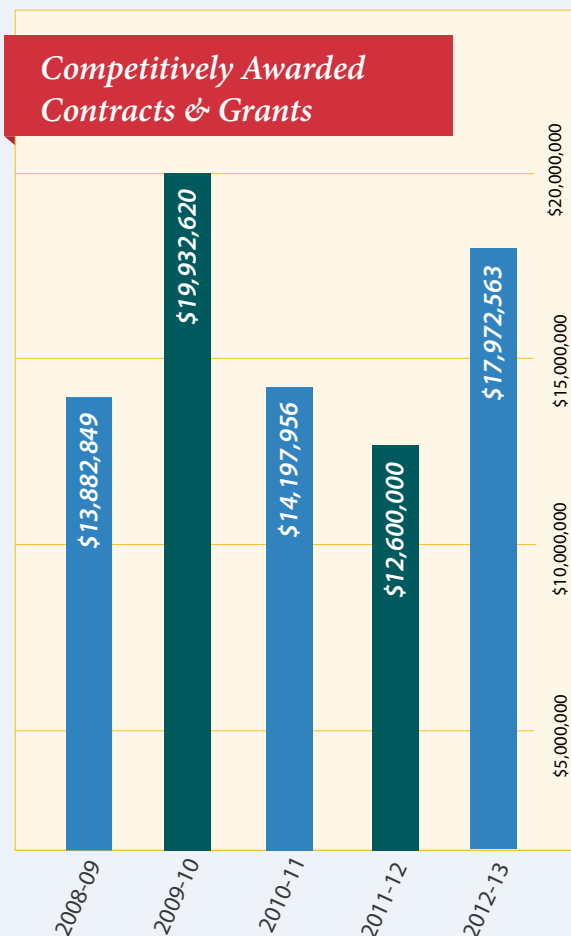
Our students and faculty continue to have a strong presence at annual dental industry meetings, including the American Association for Dental Research, American Dental Education Association, International Association for Dental Research (IADR), and the American Association for the Advancement of Science, Pacific Division. Dr. Cun-Yu Wang, our Associate Dean of Graduate Studies, was awarded the Distinguished Scientist Award in Basic Research in Biological Mineralization by the IADR.

It is important to note that our research was also widely recognized in several of the world's leading research journals, including *Cell Stem Cell*, *Journal of the American Dental Association*, *Science Signaling*, and *Advanced Materials*. A full list of our research publications can be found later in this section.

I would like to take this opportunity to acknowledge and express my gratitude to Dean No-Hee Park for his unprecedented support of the School of Dentistry's research programs in the form of 17 faculty seed grants for the third time in the past four years.

As our research faculty members continue to advance the fields of dental science and patient care, I commend each of them for their commitment to conducting top-tier research programs that bring well deserved recognition to the School of Dentistry.

David Wong, DMD, DMSc
Associate Dean, Research



Center for Oral/Head & Neck Oncology Research

During the 2012-2013 fiscal year, the UCLA School of Dentistry completed construction of its 6,660 square foot, state-of-the-art Center for Oral/Head and Neck Oncology Research. World-renowned researchers, Drs. David Wong, Dean Ho, and Yong Kim, all have their labs housed in the new space. Their laboratories conduct high impact research in the areas of oral cancer therapies, nanomedicine solutions, and salivary diagnostics. The construction project was made possible by funding from NIH's National Center for Research Resources, totaling more than \$5 million. The Center acts as an axis for innovative collaborations with other dental schools from around the world, and also other areas of study from the UCLA campus, creating an interdisciplinary hub for cutting-edge research. The following projects are examples of break-through research being conducted at the Center.

Salivary Diagnostics for Oral & Systemic Diseases

Dr. David Wong

Saliva has long been considered a "mirror of the body" by researchers, as it can reflect the state of an individual's overall health. Dr. David Wong, Professor in the Division of Oral Biology and Medicine, is a pioneer in the development of saliva as a scientifically credentialed biomarker for oral and systemic diseases. This wide range of systemic diseases include diabetes and Sjögren's syndrome, which have oral manifestations that physicians and dentists can detect in patients at various stages of disease development.

In recent years, sparked by initiatives from the National Institute of Dental and Craniofacial Research, saliva has attracted widespread interest as a diagnostic medium for rapid, point-of-care testing. The advantages of using saliva for disease diagnostics include ease of access, non-invasive sample collection, increased acceptance by patients, and reduced risks of infectious disease transmission. Oral samples are readily accessible as saliva or by sampling secretions from specific glands or gingival crevicular fluid.

Advances in the science of salivary diagnostics have led to identification of disease signatures for candidate biomarkers and/or confirmation of genetic susceptibility for systemic conditions, particularly in molecular oncology. Salivary biomarker panels have already been developed for oral, lung, pancreatic, breast, and ovarian cancers. When the panels are coupled with the development of point-of-care technologies and the emerging



trend of chair-side screening, the combination has the potential to revolutionize our ability to diagnose and treat disease. The clinical impact of salivary biomarkers for molecular oncology application will include improvements to access to care, reduce health disparities, and impact global health.

Understanding Our Genes

Dr. Yong Kim

With more than 20,000-25,000 functional genes in the body, understanding the mechanism behind their regulation is a field that researchers will be studying for centuries to come. However, when researchers have a breakthrough, the implications could be invaluable to future medical treatments of serious diseases and medical conditions.

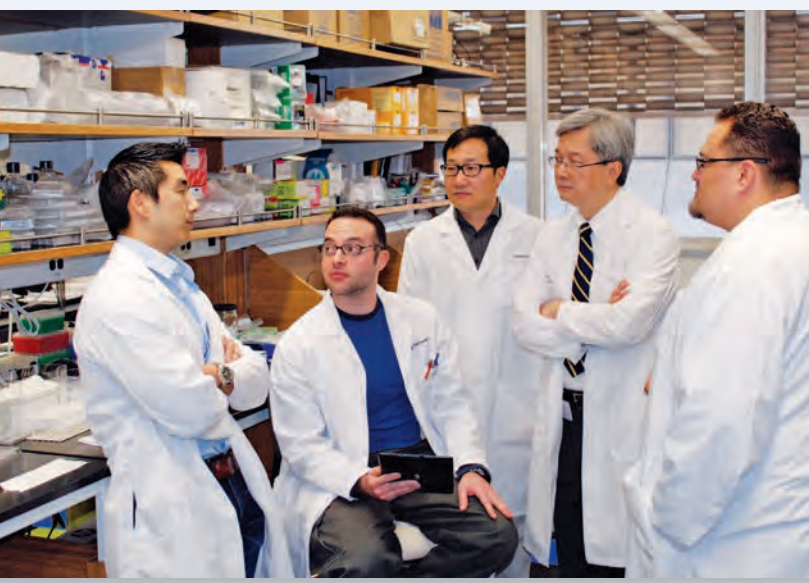
Dr. Yong Kim, Associate Adjunct Professor in the Division of Oral Biology and Medicine, has been working on several projects that focus on biological regulatory systems and cell cycle controls and gene regulations. Through mouse model studies, he hopes to understand these systems and regulations at three levels. First, he hopes to understand stem cell differentiation and early embryo development, and second, in oral cancer development. Lastly, he hopes to fully explore the molecular significance of alcohol-induced epigenetic alterations and birth defects on self-renewal/differentiation of human stem cells and embryo development.

A better understanding of molecular mechanisms and pathways would allow researchers to develop the basis for practical application of stem cell biology. Any findings would

help advance what we already know about the unique properties of human embryonic stem cells (ESCs); how to culture them better; and how to differentiate them into other lineages. Thus, a detailed understanding of molecular regulations in ESC differentiation and development will contribute to our understanding of the developmental process with utility for regenerative therapeutics.

This study is currently supported by California Institute of Regenerative Medicine Basic Biology Award II. Outcomes from the study would fill in missing parts of molecular regulatory network that controls epigenetics and cell cycle in ESCs.

Dr. Kim's project involves research on the effect of alcohol on stem cell maintenance and embryo development during pregnancy. Birth defects caused by alcohol have been well



documented over the years. Findings conclude that maternal alcohol abuse during gestation can result in various fetal injuries, including intrauterine growth retardation, craniofacial dysmorphism, and central nervous system damage. Depending on conditions and manifestations, these impairments are referred to as fetal alcohol syndrome, alcohol-related birth defects, and neurodevelopmental disorder. While the developmental defects from alcohol abuse during gestation have been explored, it is still unknown about what the specific mechanisms are by which alcohol mediates these injuries. It has been reported that alcohol consumption alters fetal DNA methylation in mice. However, due to the inherent limitations of studies conducted on humans, the use of alternative models is important in addressing these unanswered questions.

The study is currently being supported by a National Institute on Alcohol Abuse and Alcoholism R01 grant and is being pursued to achieve two objectives. First, Dr. Kim hopes to

define alcohol-induced molecular alterations in pluripotent human ETCs; and second, to define the changes in gene expression affected by alcohol in multipotent human dental pulp stem cells.

A New Frontier of Discovery

Dr. Dean Ho

Dr. Dean Ho heads one of the pre-eminent laboratories focused on developing nanodiamond platforms for targeted drug delivery and imaging. His team has demonstrated that nanodiamonds – tiny gems approximately four to five nanometers in diameter – when clustered together create an efficient and powerful drug delivery system and imaging agent.

In the past few years, his team has made strides in demonstrating that with the use of nanodiamonds, there is a marked improvement in the safety and efficacy of chemotherapy in treating drug-resistant breast and liver cancer models. This work was featured as a cover article in *Science Translational Medicine*. The team showed that the administration of Doxorubicin (Dox), a cancer chemotherapy drug, alone resulted in little to no treatment efficacy. However, striking results showed that, when Dox was modified with nanodiamonds to form NDX, even lethal doses of NDX could be delivered to further increase treatment efficiency and eliminate early pre-clinical mortality.

In a subsequent paper that came out in April of 2013, his team's work was featured on the cover article of *Advanced Materials*, for developing a self-assembling targeted nanodiamond drug delivery platform. The team was able to show tumor regression to the point of the tumor no longer being visible. Dr. Ho's team has subsequently shown major improvements to brain tumor treatment efficacy, as well as the use of nanodiamond-anthracycline compounds for chemo-resistant leukemia treatment.

In the area of imaging, Dr. Ho and his collaborators determined that the combination of conventional contrast agents and nanodiamonds resulted in a 12-fold enhancement in brightness. This is among the highest ever reported values when compared to all clinical and nanoparticle platforms. Their discovery represents a game-changing advance in medical imaging agents. Dr. Ho's team has partnered with leading FDA-compliant laboratories for the continued translation of his technologies towards clinical applications.

This page, pictured left to right: Dr. Dean Ho, Dr. Eric Feinstein, research trainee, Dr. Yong Kim, Dr. David Wong, and Dr. Noé D. Gomez, postdoctoral research scholar, in the new COOR space.

Annual Research Day

Women's Diseases & Oral Health



Keynote Address:

Linda Demer, MD, PhD

Professor of Medicine (Cardiology), Physiology and Bioengineering at UCLA; Executive Director, Specialty Training and Advanced Research Program at UCLA; and Executive Vice Chair, Department of Medicine at the David Geffen School of Medicine at UCLA

“The Biomineralization Paradox in Women: Mechanisms of Concurrent Calcification of Arteries and Decalcification of Bone”

Faculty Symposium:

Moderated by **Renate Lux, PhD**

Associate Professor-in-Residence, Division of Oral Biology & Medicine

“Osteoporosis Update and Selected Topics Relevant to Oral Health”

Aurelia Nattiv, MD

Professor, UCLA Department of Orthopaedic Surgery & Family Medicine; Director, UCLA Osteoporosis Center, David Geffen School of Medicine at UCLA; and Team Physician, UCLA Athletics

“Mesenchymal Stem Cells: From Clinics to Bench-Top and Back”

Songtao Shi, DDS, MS, PhD

Professor, Herman Ostrow School of Dentistry at USC

“Molecular Mechanism of HPV-Associated Oral Carcinogenesis”

Ki-Hyuk Shin, MS, PhD

Associate Adjunct Professor, Division of Oral Biology & Medicine

Reuben Kim, DDS, PhD

Associate Professor, Division of Restorative Dentistry

“Salivary Biomarker Development for Women's Diseases”

David Wong, DMD, DMSc

Felix and Mildred Yip Endowed Professor in Dentistry; Professor of Oral Biology and Oral Biology & Medicine; Associate Dean, Research; and Director, Center for Oral/Head and Neck Oncology Research

Poster Competition Winners by Category:

Dental Student

- 1st Place: John Nguyen, Mentored by Dr. Min Lee
- 2nd Place: Greg Astarian, Mentored by Dr. Kang Ting
- 3rd Place: Mark Ortega, Mentored by Dr. Marvin Marcus & Dr. Carl Maida

Masters Student/Residents

- 1st Place: Michael C. Woods, Mentored by Dr. Sanjay Mallya
- 2nd Place: Ryan McComb, Mentored by Dr. Won Moon
- 3rd Place: James Zhang, Mentored by Dr. Robert Chiu

PhD Student/Postdoctoral Fellow

- 1st Place: David Bae, Mentored by Dr. Cun-Yu Wang
- 2nd Place: Han-Ching Helen Tseng, Mentored by Dr. Anahid Jewett
- 3rd Place: Jiabing Fan, Mentored by Dr. Min Lee

Top left: DDS student, Mark Ortega (left), with Dean No-Hee Park and Rebecca Paddack. **Top right:** Dr. Ignacio Ginebreda explains his research poster to Dr. Tara Aghaloo.

Understanding Drug-Induced ONJ

As cancer drug therapies become more effective, yet more potent, their side effects can cause grave complications for patients. One of those side effects is osteonecrosis of the jaw (ONJ), a serious and little understood disease of the orofacial complex. ONJ was first reported in 2003 as a devastating complication of bisphosphonate treatment, a drug that inhibits bone loss and is used to treat patients with bone cancer or osteoporosis.

Although ONJ cases have been reported for a decade, little is known about the disease etiology or effective patient management. This disease is especially perplexing since the oral cavity provides an efficient barrier and is equipped with the unique adaptive and innate immune cells that act as the first defense in killing invading bacteria and misbehaving cells.

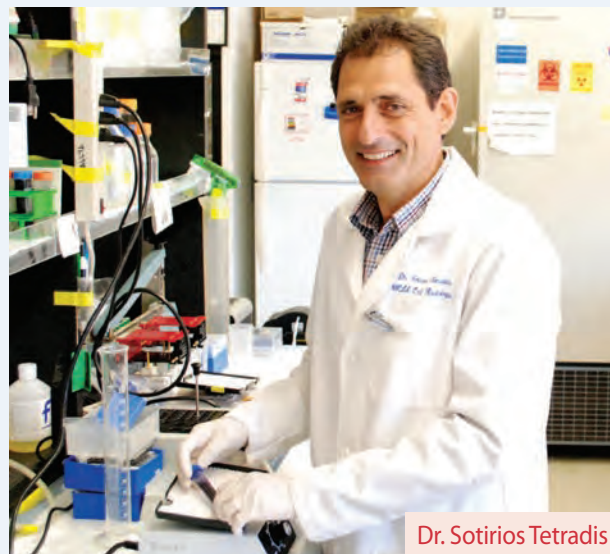
Researchers at the UCLA School of Dentistry have invested the past several years exploring the effects of bisphosphonates in animal models to better understand the clinical manifestations and pathophysiologic mechanisms of ONJ.

Drs. Tara Aghaloo, Associate Professor and oral and maxillofacial surgeon, and Sotirios Tetradis, Professor and oral and maxillofacial radiologist, have combined their clinical and research expertise for more than a decade towards researching ONJ. They have jointly managed many ONJ patients from both a surgical and radiological perspective. They were among the first to report the occurrence of ONJ in patients treated with Denosumab, a drug that, like bisphosphonates inhibits bone loss. Currently, they are publishing an article dealing with the occurrence of the onset of very early ONJ in a patient treated with Denosumab, which provides further evidence of the link between bisphosphonate and Denosumab treated patients.

Significantly, Drs. Tetradis and Aghaloo have been able to demonstrate the diverse and site-specific cellular infrastructure that might explain the high susceptibility of the jaws to ONJ. A major part of their research efforts has been devoted to the development of ONJ animal models. Such efforts could provide the necessary tools to investigate methodologies for early diagnosis and treatment interventions. They have presented novel rat and mouse ONJ models in animals treated with bisphosphonates in the presence of periodontal or periapical disease to show the significance of dental disease in ONJ development. Recently, they published findings about the occurrence of ONJ in mice with periapical disease treated with non-bisphosphonate antiresorptive agents, strongly supporting a central role of bone resorption in disease pathophysiology.

Their work is supported by NIH's National Institute of Dental and Craniofacial Research, Amgen Inc., the Oral and Maxillofacial Surgery Foundation, the Jonsson Comprehensive Cancer Center at UCLA, and the UCLA School of Dentistry.

Another ONJ researcher from the School of Dentistry, Dr. Ichiro Nishimura, Professor in the Division of Advanced Prosthodontics,



Dr. Sotirios Tetradis

has been collaborating with Dr. Charles McKenna, Professor of Chemistry and Vice Dean for Natural Sciences at the USC Dornsife College of Letters, Arts and Sciences, on the progression of the disease. Drs. Nishimura and McKenna discovered the previously unidentified behavior of bisphosphonate when administered to a patient. Prior to their discovery, it was believed that once bonded to bone minerals, bisphosphonates were not removed for an extended period of time. However, their collaboration established instead that bisphosphonate attaches to bone by molecular equilibrium and thus, could be easily removed without osteoclastic bone loss.

This finding is critical for two reasons. First, this new understanding could indicate that bisphosphonates may be removed from jawbone to the adjacent oral mucosa space, providing a previously unrecognized pathological mechanism to affect non-target cells such as barrier immune cells in oral mucosa. Second, this finding may lead to the role of legacy bisphosphonates in patients who are now prescribed, or soon to be prescribed, with other anti-resorptive agents, which may present a significant challenge in prevention and treatment of ONJ.

Pushing the UCLA investigation further, Dr. Nishimura and his co-investigators at the Jane and Jerry Weintraub Center for Reconstructive Biotechnology, Dr. Anahid Jewett and Dr. Sil Park, are currently identifying the key barrier immune effectors in the oral cavity causing ONJ. Using multiple mouse strains exhibiting different genetic mutations, they have obtained the initial indication of gamma-delta T cells in the sustained ONJ pathology. They hope to develop prevention and treatment of ONJ by specifically targeting the identified barrier immune effectors.

Dr. Nishimura's study is supported by NIH/NIDCR R01DE022552 and Merck & Co. The Weintraub Center for Reconstructive Biotechnology was conducted in part with support from Research Facilities Improvement Program NIH/NCRR C06 RR014529.

New Contracts & Grants 2012-2013

	Total Awarded	Total Received FY 12-13
Tara Aghaloo , Oral and Maxillofacial Surgery Foundation Student Research Training Award Project Period: 01/01/13 - 12/31/14	\$12,500	\$12,500
Tara Aghaloo , Orapharma, Inc. Multi-Center Phase 3 Trial of Minocycline HCl 1mg Microspheres for the use in Subjects with Peri-Implants (Protocol OP-P-5267) Project Period: 03/01/13 - 06/30/14	\$61,045	\$61,045
Tara Aghaloo/Jeffrey Tanner , American Academy of Implant Dentistry Research Foundation Comparison of Bone Height and Implant Success in BMP2 Augmented Maxillary Sinuses with and without an Alloplast Project Period: 01/01/13 - 12/31/13	\$2,500	\$2,500
Tara Aghaloo/Ignacio Ginebreda , American Academy of Implant Dentistry Research Foundation Effects of the Combination of Bone Morphogenetic Protein (RHBMP- 2) and Platelet Derived Factor (RHPDGF- BB) on Ectopic Bone Formation Project Period: 01/01/13 - 12/31/13	\$2,500	\$2,500
Paulo Camargo , The Nicholas Endowment Improving the Oral Health of the Los Angeles, Santa Monica, Venice and the South Bay Indigent Population Project Period: 01/01/13 - 12/31/13	\$50,000	\$50,000
Jim Crall , L.A. County Children & Families First (aka First 5 LA) First 5 LA 21st Century Community Dental Homes Project Project Period: 07/01/12 - 12/31/15	\$9,239,023	\$3,079,675
Jim Crall , L.A. County Children & Families First (aka First 5 LA) First 5 LA Children's Dental Care Program Project Period: 03/01/13 - 06/30/18	\$11,154,616	\$3,163,704
Dean Ho , The V Foundation Functionalized Nanodiamonds of Targeted Chemotherapeutic Delivery Project Period: 07/01/12 - 09/30/13	\$39,826	\$39,826
Dean Ho , Wallace H. Coulter Foundation Nanodiamond-Based Chemotherapeutic Drug Delivery Project Period: 03/01/13 - 02/28/14	\$43,902	\$43,902

	Total Awarded	Total Received FY 12-13
Mo Kang/Anu Bhalla , American Association of Endodontists Foundation Osteogenic and Odontogenic Differentiation Capacities of Induced Mesenchymal Stem Cells Project Period: 11/01/12 - 10/31/13	\$22,000	\$22,000
Ichiro Nishimura , NIH/National Institute of Dental and Craniofacial Research Oral Mucosa Barrier and Bisphosphonate-Related Osteonecrosis of the Jaw Project Period: 09/04/12 - 08/31/17	\$1,925,000	\$385,000
Vivek Shetty , NIH/National Institute of Dental and Craniofacial Research Salivary Biomarker Panel for Measuring and Predicting Traumatic Stress Reactions Project Period: 09/01/12 - 08/31/17	\$3,393,441	\$722,278
Sotirios Tetradis , Amgen Role of Osteoclast Inhibition in ONJ Pathophysiology Project Period: 07/31/12 - 01/31/14	\$226,982	\$226,982
Cun-Yu Wang , NIH/National Institute of Arthritis and Musculoskeletal and Skin Disease Molecular Control of Msc Differentiation and Bone Formation By KDM4B Project Period: 08/01/12 - 03/31/18	\$1,636,250	\$327,250
David Wong , U.S. ARMY/Medical Research Acquisition Activity Salivary Proteomic and Micro-RNA Biomarkers Development for Lung Cancer Detection Project Period: 08/01/12 - 07/31/15	\$808,421	\$269,474
David Wong , Colgate Palmolive Company Salivary Biomarker Development for Gingivitis Project Period: 9/13/2012 - 3/31/14	\$681,200	\$681,200
David Wong , National Institute of Dental and Craniofacial Research Molecular Characterization of Parotid Gland Tumors Project Period: 09/07/12 - 08/31/13	\$285,510	\$211,387
David Wong , UC Tobacco-Related Disease Research Program Clinical Validation of Salivary Oral Cancer Biomarkers Project Period: 08/01/12 - 07/31/15	\$521,831	\$521,831
New Grants Total	\$30,106,547	\$9,823,054
Total from Continuing Grants for Fiscal Year 2012-2013		\$6,802,542
Total New & Continuing Inter-departmental Collaborations for Fiscal Year 2012-2013		\$1,346,967
Total Contracts & Grants for Fiscal Year 2012-2013		\$17,972,563

Publications 2012-2013

Book and Book Chapters

Beck S, Maida CA. *Toward Engaged Anthropology*. New York, Oxford: Berghahn Books; 2013.

Camargo PM, Klokkevold PR. Application of Bone Fill Regenerative Procedures. In: Harpenau LA, Kao RT, Lundergan WP, Sanz M, editors. *Hall's Critical Decisions in Periodontology and Dental Implantology*. 5th ed. Shelton, Connecticut: People's Medical Publishing House; 2013. p. 250-52.

Camargo PM, Melnick PR. Preservation of Alveolar Ridge Dimensions Following Tooth Extraction. In: Harpenau LA, Kao RT, Lundergan WP, Sanz M, editors. *Hall's Critical Decisions in Periodontology and Dental Implantology*. 5th ed. Shelton, Connecticut: People's Medical Publishing House; 2013. p. 320-22.

Casamassino PS, Christensen JR, Fields HW, Ganzberg SI. Examination, Diagnosis, and Treatment Planning for General and Orthodontic Problems. In: Casamassino PS, Fields HW, McTigue DJ, Nowak A, editors. *Pediatric Dentistry: Infancy Through Adolescence*. 5th ed. St. Louis, Missouri: Elsevier Saunders; 2013. p. 566-85.

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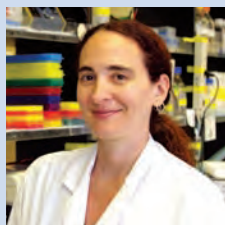
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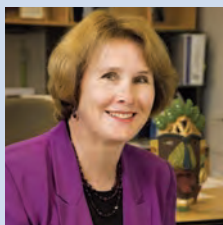
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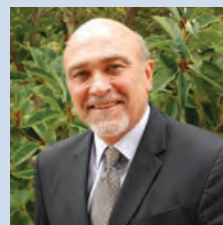
Tara Aghaloo



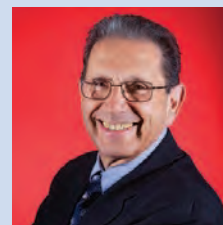
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Jim Crall



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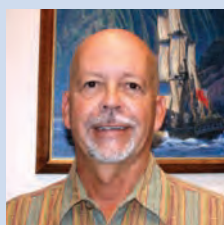
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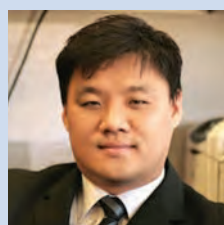
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NIH Career Development Awards

Principal Investigators	Sponsor	Mechanism	Title
Jim Crall	HRSA	T17	Leadership Training in Pediatric Dentistry
Francisco Ramos-Gomez	HRSA	D88	Postdoctoral Training in General, Pediatric and Public Health Dentistry and Dental Hygiene
David Wong	NIH/NIDCR	T90	UCLA Dentist - Scientist & Oral Health - Scientist Training Program
David Wong	NIH/NIDCR	R90	UCLA Dentist - Scientist & Oral Health - Scientist Training Program
Diana Messadi	NIH/NIDCR	R25	Recruiting, Mentoring, and Empowering the Next Generation of Academic Dentists

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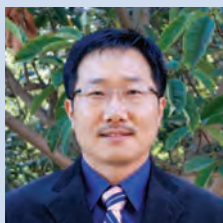
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Yong Kim



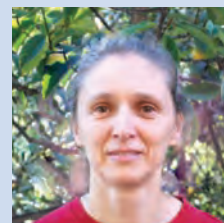
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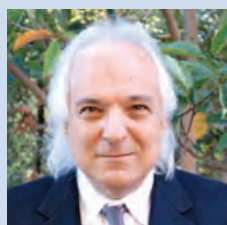
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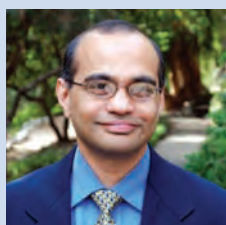
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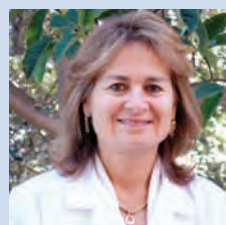
Carl Maida



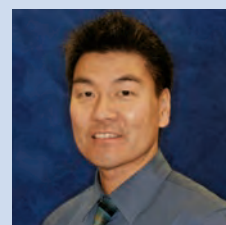
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Marvin Marcus



Diana Messadi



Won Moon

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Federal Training Grants

Principal Investigators	Sponsor	Mechanism	Title
Tara Aghaloo	NIH/NIDCR	K02	Salivary Biomarkers in the Diagnosis of BRONJ
Mo Kang	NIH/NIDCR	K02	Phenotypic and Genetic Effects of Antiretroviral Therapy on Human Oral Epithelium
Reuben Kim	NIH/NIDCR	K08	Combined Effect of HIV and HPV in Oral Cancer
Eric Tang / Cun-Yu Wang	NIH/NIDCR	K99	Molecular Regulation of the Invasive Growth of Oral Cancer by YAP
Jeff Kim / David Wong	NIH/NIDCR	F30	Functional Significance of CDK2AP1 in Epigenetic Regulation of Oral Cancer
Edward Meyer / Igor Spigelman	NIH/NIAAA	F31	Gabaergic Inhibition in Stress - Enhanced Fear Learning

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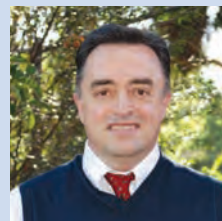
Ichiro Nishimura



Takahiro Ogawa



No-Hee Park



Francisco Ramos-Gomez



Flavia Pirih

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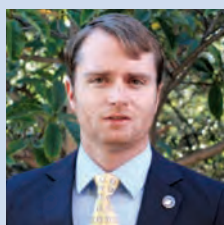
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Nancy Reifel



Todd Schoenbaum



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Vivek Shetty



Richard Stevenson

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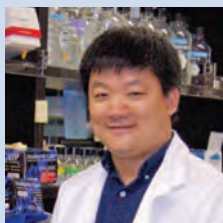
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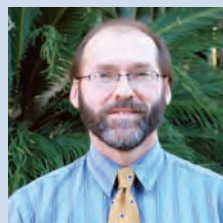
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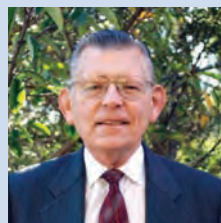
Faculty Principle Investigators (PIs) and Co-PIs of Grants and Contracts



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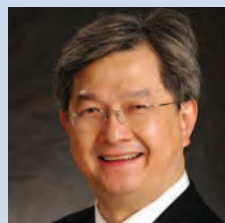
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Cun-Yu Wang



Shane White



David Wong



Lei Zhang

PATIENT CARE

Patient Care Activities Continue to be an Affordable Option for Quality Dental Care in the Community

Providing quality clinical care to our patients is at the core of what makes the UCLA School of Dentistry so exceptional. Our pre- and post-doctoral clinics continue to grow and serve as models for reduced cost, high quality dental care in the community. During the 2012-2013 fiscal year, the UCLA Dental Clinics, at the School of Dentistry, logged 141,637 patient visits. This number represents an increase of 3.1 percent as compared to the previous fiscal year. As a result of more patient visits, our clinic revenue also increased by 11 percent and our profit margin by 21 percent over the previous year.

The continued success of the UCLA Dental Clinics can be attributed to their focus on a patient-centered approach, as evidenced by the 96 percent patient satisfaction that we received from our annual patient survey. We have also integrated a patient-centered approach into the educational program of our students, residents, and other trainees. Furthermore, our faculty continue to introduce the latest developments, techniques, and materials to our clinics, as highlighted below.

Integrating Advanced Technology into Our Patient Care

The Division of Restorative Dentistry, through a partnership with the private sector, was able to acquire equipment that utilizes CAD-CAM technology for the fabrication of chair-side indirect restorations. This new equipment allows crowns and ceramic inlays and onlays to be made conveniently at chair-side, greatly shortening the amount of time traditionally associated with the fabrication of prosthetic devices. With this technology, dentists can now manufacture restorations with computer-aided design in nearly half the time and in fewer appointments.

The adoption of CAD-CAM technology constitutes a major step forward in our teaching programs within the increasingly

popular field of digital dentistry. Dr. Richard Stevenson, Chairman of the Division of Restorative Dentistry, has led the implementation of this new technology, which includes extensive training of dental students and faculty in the operation of the CAD-CAM devices. The technology has also been made available to the Advanced Education in General Dentistry program in Westwood and all patient care services at the Wilson-Jennings-Bloomfield UCLA Venice Dental Center (VDC).

Other improvements have been made throughout our specialty clinics as our Endodontics and Orthodontics clinics both underwent major improvements in the 2012-2013 fiscal year.

As a leading site for comprehensive endodontic therapy, the Jack and Geraldine Weichman Endodontics Clinic treats a large number of patients. In order to address this high demand, the clinic was totally refurbished with larger operatories and state-of-the-art dental equipment, including more powerful microscopes and digital radiography capability. Not only will the changes improve our patient care, but they will also advance the training that our residents, students, and other trainees receive. Dr. Mo Kang played an outstanding leadership role in raising funds for the project. During construction, all Endodontic faculty and staff did a fantastic job in maintaining regular clinic operations. Our appreciation is also expressed to Dr. Jeff Goldstein for working with the Pre-doctoral Clinic staff to accommodate the renovation, which were necessary during construction.

The Dr. Thomas R. Bales Orthodontic Clinic also began a clinic innovation project in May of 2013, which is currently in progress. As a major referral center for the treatment of patients with developmental or acquired craniofacial deformities, the clinic was in need of advanced technology that would dramatically improve treatment plans and the delivery of care to this patient population with complex



needs. In addition, the improvements will allow for residents to be trained on cutting-edge equipment.

Improvements include equipping the facility with the latest three-dimensional imaging technology that will assist orthodontists in precisely predicting craniofacial growth and development. The leading-edge technology also allows for interdisciplinary treatment plans, where other disciplines such as Oral and Maxillofacial Surgery can integrate their diagnosis and therapeutic recommendations with their orthodontic plan. Drs. Kang Ting and Won Moon have been directing the fundraising and logistical aspects of the project, and the Orthodontics clinic and academic staff have been assisting with the modifications in clinic activities that naturally occur with a project of this magnitude.

A number of other exciting achievements, including the new UCLA Mick and Mary Dragoo Periodontal and Implant Clinical Research and Patient Care Center, and the information technology infrastructure improvements at the VDC, will be expanded on later in this section. It is important to note that these improvements to our clinics would not have been possible without the generous support of our alumni, friends, donors, and private and public organizations. When we have the opportunity and the resources to improve our clinics, it helps further our mission of improving the oral and systemic health of the people of California, the nation, and the world. On behalf of everyone at the UCLA Dental Clinics, I express my sincerest gratitude to everyone who contributed to a successful 2012-2013 fiscal year. I look forward to the many positive changes and improvements that await us in the coming years.

*Paulo M. Camargo, DDS, MS, MBA, FACD
Associate Dean, Clinical Dental Sciences*

Pictured at top: Patient, Evelyn Moreno (center) with Drs. Elise Boersma (left) and Michael Woods '13 (right), Orthodontic residents who are part of Evelyn's Craniofacial care team.

Patient Visits 2012-2013

No. of Visits	Clinic/Practice
5,047	Adv. Edu. in Gen. Dentistry - Venice
3,638	Adv. Edu. in Gen. Dentistry - Westwood
740	Anesthesiology Faculty Practice
1,549	Center for Esthetic Dentistry
1,680	Children's Dental Center of Greater Los Angeles
3,098	Endodontics
26,872	Faculty Group Dental Practice - Westwood
1,370	Harbor - UCLA Medical Center
391	Klotz Student Health Center, CSU Northridge
11,128	Maxillofacial, Graduate Prosthodontics & Hospital Dentistry Group
52	Mission Community Hospital
2,023	Oral Diagnosis
4,600	Oral Pathology
7,276	Oral Radiology
941	Oral Surgery Faculty Practice - Venice
5,904	Oral and Maxillofacial Surgery - Westwood
1,279	Orofacial Pain Graduate Clinic
1,719	Orofacial Pain and Oral Medicine Faculty Practice
177	Orthodontics - Venice
11,536	Orthodontics - Westwood
3,638	Pediatric Dentistry - San Diego CHAT
1,436	Pediatric Dentistry - Venice CHAT
5,673	Pediatric Dentistry - Westwood
5,744	Periodontics
4,372	Pre-Doctoral Clinic - Venice
25,160	Pre-Doctoral Clinic - Westwood
610	Ronald Reagan UCLA Medical Center
288	Saban Free Clinic
1,857	Straumann Surgical Dental Clinic
651	Sunset Kaiser Permanente Medical Center
720	UCLA Craniofacial Clinic
180	VA Sepulveda
288	VA Wadsworth/VA West LA

141,637

Total Number of Patient Visits

Support for Patient Care

Venice Dental Center

The *Wilson-Jennings-Bloomfield UCLA Venice Dental Center* (VDC) underwent several improvements during the 2012-2013 fiscal year, including an upgrade to its information and technology (IT) infrastructure and a boost to their patient care subsidy fund.

The IT improvements consisted of the installation of new computers in 24 operatories, introduction of digital radiography to the entire clinic, and a more robust electronic connectivity with the UCLA School of Dentistry's central IT services, located in Westwood. The IT upgrade was made possible by a grant from the Ahmanson Foundation. The VDC's needs were a perfect match for the Foundation's objectives, which fund, among other causes, projects related to improving the healthcare of underserved populations.

With the upgraded IT infrastructure, the VDC will have similar capabilities as our Westwood clinics, such as the ability to access electronic patient records in each operatory and improved billing processes and communications. These improvements translate into a more effective utilization of human resources, address the increasing volume of patients who visit the clinic, and, ultimately, improve our patient services. We are indebted to the Ahmanson Foundation for funding this pivotal project.



The VDC also received a \$50,000 grant from the Nicholas Endowment to support costs associated with providing direct patient care to the elderly and financially disadvantaged populations. The grant came at a crucial time, as this population no longer enjoys the benefits previously provided through the state-funded Denti-Cal program. The elimination of this program caused more than 3 million Californians to lose dental coverage for oral healthcare and treatment.

With the Nicholas Endowment's support, the VDC can continue to improve the oral health of the community by providing both basic and specialty services to this large population of elderly and low-income, uninsured patients. Our sincerest gratitude is expressed to the Nicholas Endowment for their generous grant.

Overall, the VDC continues to expand its role in providing comprehensive pediatric and adult dental care to several communities around Venice, Santa Monica, and Los Angeles.



Patient visits to the VDC also saw an increase of 12 percent compared to the previous fiscal year. Oral and Maxillofacial Surgery services have been substantially extended through the efforts of Dr. Moustafa El-Ghareeb, Associate Clinical Professor. This extension of services had a major impact on the accessibility to dental implant therapy by patients served at the clinic.

We commend the work of the VDC director, Dr. Lillian Cheng, and the other VDC-based program directors, Drs. Colby Smith and Clarice Law. Along with the staff and part-time clinical faculty, the VDC enjoyed a very successful and dynamic year.

Dragoo Periodontal and Implant Center

Through an extremely generous \$5 million pledge made in March 2013, the School of Dentistry established the ***UCLA Mick and Mary Dragoo Periodontal and Implant Clinical Research and Patient Care Center***. Dr. Mick Dragoo, a periodontist, and his wife, Mary, sought out a dental school that would help execute their vision of a place where dentists and clinicians could conduct clinical research with the goal of advancing patient care. Their search landed them at the School of Dentistry and in the hands of our internationally recognized faculty and researchers.

The UCLA Mick and Mary Dragoo Periodontal and Implant Clinical Research and Patient Care Center, which is now in its initial phases of development, will focus on conducting patient-based research, mainly involving periodontology and implantology. The facilities will include the creation of a state-of-the-art conference center with advanced audiovisual and broadcasting capabilities. The new space will accommodate the dissemination of knowledge generated by the members of the UCLA Mick and Mary Dragoo Periodontal and Implant Clinical Research and Patient Care Center to dental communities around the world. Dr. Perry Klokkevold, Associate Professor and Director of the Periodontics Residency Program, has been appointed Director of the new UCLA Mick and Mary Dragoo Periodontal and Implant Clinical Research and Patient Care Center.

The School of Dentistry is indebted to Dr. Mick and Mary Dragoo for their generous support. Our researchers now have the support necessary to translate their valuable findings into meaningful treatment protocols, which will in-turn advance the state of patient care worldwide.



Above: Dr. Perry Klokkevold, Director of the new Dragoo Periodontal and Implant Center, oversees residents treating a patient in the Periodontics Clinic.

Opposite page, right: A pre-doctoral student examines a patient at the Venice Dental Center who was able to receive care due to patient subsidy funds from the Nicholas Endowment.

Opposite page, left: Part-time faculty member, Dr. Gregory Clibon, shows X-rays to pre-doctoral student, Vickie Lai, that appear on one of the new computers at the Venice Dental Center.

PUBLIC SERVICE

Improving the Oral Health of the Community Through a Strong Commitment to Public Service

Improving the oral health of individuals in California is central to the UCLA School of Dentistry's mission. Dating back to 1998, we have been providing free dental care and treatment at community health fairs to hundreds of adults and children living in Los Angeles and neighboring counties. Today, our pre- and post-doctoral students, and supervising faculty provide care at 30 to 35 health fairs per year.

Participation in health fairs is coordinated out of the School of Dentistry's Division of Public Health and Community Dentistry, under the leadership of Drs. Nancy Reifel and Vladimir Spolsky. During the 2012-2013 fiscal year, our students provided care at 31 health fairs and in locations as far away as Coleville in Mono County to Westminster in

Orange County. In total, nearly 150 dental students examined 2,037 individuals for dental screenings and oral hygiene instructions, provided 1,658 topical fluoride applications, and placed 2,751 dental sealants on 384 patients.

By participating in health fairs, the School of Dentistry is providing an extremely valuable service to the community. The time that our students and faculty spend and the expertise they lend to providing care and promoting the importance of good oral health are among our most valuable contributions to society.

In addition to providing free dental services, students also have the opportunity to interact with people of all ages and backgrounds, and experience first hand the various needs and challenges associated with individual groups in the community.

The map on the facing page lists the locations where the School of Dentistry provided dental care during the 2012-2013 fiscal year. The majority of the list of clinical care sites refers to the patient visits list on page 36, where our pre- and post-doctoral students and faculty provided quality, affordable care. The list of health fairs refers to outreach events where patients received free dental care.

It should be noted that the locations indicated on the map also include the four additional health fairs, spearheaded by Dr. Edmond Hewlett and the Section of Pediatric Dentistry, which are discussed later in this section.

Public service is a value we strive to uphold and instill in everyone who receives training at the School of Dentistry.

Paulo M. Camargo, DDS, MS, MBA, FACD
Associate Dean, Clinical Dental Sciences

By the Numbers





Delivering Oral Healthcare to Our Community

Clinical Care Sites

- A.** Mission Community Hospital
San Fernando Campus
- B.** VA Sepulveda
- C.** Klotz Student Health Center at
California State University Northridge
- D.** Sunset Kaiser Permanente
Medical Center
- E.** VA Wadsworth/VA West LA
- F.** UCLA School of Dentistry
UCLA Medical Center
UCLA Medical Plaza
- G.** Saban Free Clinic
- H.** Kerlan-Jobe Orthopedic Clinic
- I.** The Children's Dental Center
of Greater Los Angeles
- J.** Wilson-Jennings-Bloomfield
UCLA Venice Dental Center
- K.** The Clinic, Inc.
- L.** Harbor-UCLA Medical Center
- M.** San Diego Children's Dental Clinic
& Rady Children's Hospital - San Diego

Health Fairs

- 1.** San Fernando Regional Pool Facility
- 2.** El Cariso Park
- 3.** All Nations Korean Church
- 4.** Our Lady of Peace Parish
- 5.** Power of God Church
- 6.** Plaza del Valle
- 7.** Salvation Army Westwood
Transitional Village
- 8.** Lennox Middle School
- 9.** Gardena High School
- 10.** Wilmington Recreation Center
- 11.** Miramonte Elementary School
- 12.** Parmelee Avenue Elementary School
- 13.** Martin Luther King, Jr. Park
- 14.** BBCN Bank Olympic-Hoover Branch
- 15.** Los Angeles Convention Center
- 16.** Los Angeles Sports Arena
- 17.** Holman Methodist Church
- 18.** Rosemont Avenue Elementary
School
- 19.** Castelar Elementary School
- 20.** Monterey Park City Hall
- 21.** First Evangelical Church
- 22.** Baptist Church of Christ
- 23.** Salgado Community Center
- 24.** Westminster Civic Center
- 25.** Rancho Santiago Community
College District
- 26.** Bishop Elementary School
- 27.** Round Valley School
- 28.** Lee Vining Elementary School
- 29.** Bridgeport Elementary
- 30.** Antelope Elementary School
- 31.** Edna Beaman Elementary School
- 32.** Shoshone Elementary School

A Resource for Our Community

Expanding Our Reach

New to the UCLA School of Dentistry's public service activities was our participation in two local health screenings where our pre-doctoral students gained valuable experience.

The first screening occurred at the 13th Annual Women's Health Forum, organized by local radio station, KJLH-FM, which took place at the Los Angeles Convention Center in April 2013. This was the first time that the School of Dentistry participated in this major public service event. With more than 9,000 women in attendance, our pre-doctoral students were able to provide oral cancer screenings and general oral health information to hundreds of attendees.

Our continued participation in this annual event in the future will not only increase the School of Dentistry's profile in the community but will also afford us a significant opportunity

to attract new patients to our clinics. Plans to attend the 2014 Women's Health Forum are already underway. Special recognition is given to members of the UCLA Student National Dental Association chapter, Lourdes Moreno '14, Loliya-Bob Manuel '15, Brandi Lewis '14, Ann Lee '15, Linda Onyejiji '15, and Alicia Schexnayder '15 for their participation.

"SNDA's participation in the KJLH Women's Health Forum was a wonderful experience! It was so empowering to see so many women being proactive about their health and asking great questions. It gave students, like myself, an opportunity to screen individuals for oral cancer and share insightful information regarding their oral health." - Linda Onyejiji, Class of 2015



In May 2013, the School of Dentistry also had a strong presence at the annual Team HEAL screenings held at the Kerlan-Jobe Orthopaedic Clinics in Los Angeles. Team HEAL was founded by Dr. Clarence Shields, an orthopaedic surgeon and partner in the Kerlan-Jobe practice, which for years has served as the medical group for Los Angeles' professional sports teams. The event's screenings consisted of a comprehensive pre-season physical exam, including a dental screening for hundreds of underrepresented minority athletes from underserved Los Angeles area high

schools. A pre-season physical is required for participation in high school sports, and Team HEAL provides this service free-of-charge to these young athletes. For the first time ever, our pre-doctoral students had the opportunity to volunteer at this annual event and provide dental care to young athletes in the community.

Care Harbor LA - September 2012

At a four-day health clinic in downtown Los Angeles, more than 60 volunteers from the School of Dentistry provided much-needed dental services to hundreds of uninsured Angelenos. The clinic was organized by Care Harbor — the free health clinic near downtown Los Angeles — in collaboration with L.A. Care Health Plan and Dignity Health, and co-sponsored by the UCLA Health System.

Starting on Thursday, September 27, 2012, and continuing through Sunday, September 30, 2012, 100 dental units were set-up at the Los Angeles Sports Arena to accommodate people needing cleanings, fillings, extractions, and root canals. Dean No-Hee Park, Drs. Tara Aghaloo, Edmond Hewlett, Diana Messadi, Mo Kang, Jeff Goldstein, Sue Spackman, Pranay Gulati, and dozens of pre-doctoral students and residents volunteered at the event. Among the



Photo, above: Dr. Edmond Hewlett, seated, explains the treatment he is administering to a patient at Care Harbor.

Photo, above right: A volunteer from the School of Dentistry checks on a patient during Care Harbor.

Opposite page: Linda Onyejiji '15 (left photo) and Brandi Lewis '14 (right photo) examine patients for oral cancer at the Women's Health Forum.



various health services offered this year, demand for dental care was the greatest. Event organizers estimated that 4,800 patients attended and more than 3,000 volunteers participated, 200 of whom were from UCLA.

Dr. Edmond Hewlett, Associate Dean of Outreach and Diversity, remarked on the huge volume of patients that his group treated — halfway through the first day, they had already seen 50 patients. Many patients suffered from severe caries and periodontal infections that could affect underlying diabetes, heart problems, and other health conditions. Although he was pleased to see the dental school team perform hundreds of dental procedures and even make temporary dentures to replace anterior teeth, it only touched the tip of the iceberg. Each person treated at the clinic needed more care than could be provided in the allotted time slot. The message was clear that there is a great need for dental services in this community.

Promoting Oral Health in Children

First 5 LA Collaboration

Through two different contracts awarded during the 2012-2013 fiscal year, totaling nearly \$21 million, First 5 LA is collaborating with the UCLA School of Dentistry to expand and improve the infrastructure and operations of 22 community clinics in underserved communities across Los Angeles County. The ultimate goal of the projects is to improve and increase access to quality dental care for children ages 0 to 5.

First 5 LA, the Los Angeles-based child advocacy and grant-making organization, oversees the county's allocation of funds generated by Proposition 10, which added a 50-cent tax on tobacco products sold in California. The first award, of more than \$9 million, was awarded to the School of Dentistry in April of 2012. This funding established the First 5 LA 21st Century Community Dental Homes Project, whose main objective is to develop a sustainable community "dental home" model of care for children. Through the establishment of "dental homes," the School of Dentistry hopes to increase access dental care to at least 13,000 children over the three and a half years of the project, as well as provide education to parents and child care providers about the importance of oral healthcare.

To achieve the goals in the "dental homes" project, the School of Dentistry has partnered with several regional organizations, including the Child Care Alliance of Los Angeles, the Community Clinic Association of Los Angeles County, Safety Net Solutions, and Sesame Workshop.

The second award, of more than \$11 million, came on March 1, 2013. These funds established the UCLA-First 5 LA Children's Dental Care Program (CDCP) with a goal of serving an additional 41,000 children over the five years of the project.

Leading the two projects is Dr. Jim Crall, Professor and Chair of the Division of Public Health and Community Dentistry. In addition to improving the infrastructure to provide access to dental care, the School of Dentistry hopes to gain a better understanding of the barriers that traditionally have limited the use of dental care services by underserved groups.

Four Main Initiatives:

- Identify and establish 22 dental care sites across Los Angeles County, in underserved communities, at existing community clinics.
- Providing support for capital investments to expand and renovate 11 different community dental clinics in Los Angeles County.
- Developing strategic innovations to address gaps in the current oral healthcare delivery system in Los Angeles County with the goal of improving system performance.
- Expanding the School of Dentistry's community-based, service-learning programs for current and future dental and oral health professionals. This includes educational programs for general dentists, pediatric dentists, primary medical care providers, and community health workers.

"Our goal, over the next five years, is to develop an integrated healthcare delivery system that will provide quality, ongoing dental care to underserved young children and pregnant women in Los Angeles communities."

- Dr. Jim Crall, Director of the First 5 LA Projects

Give Kids A Smile - February 2013

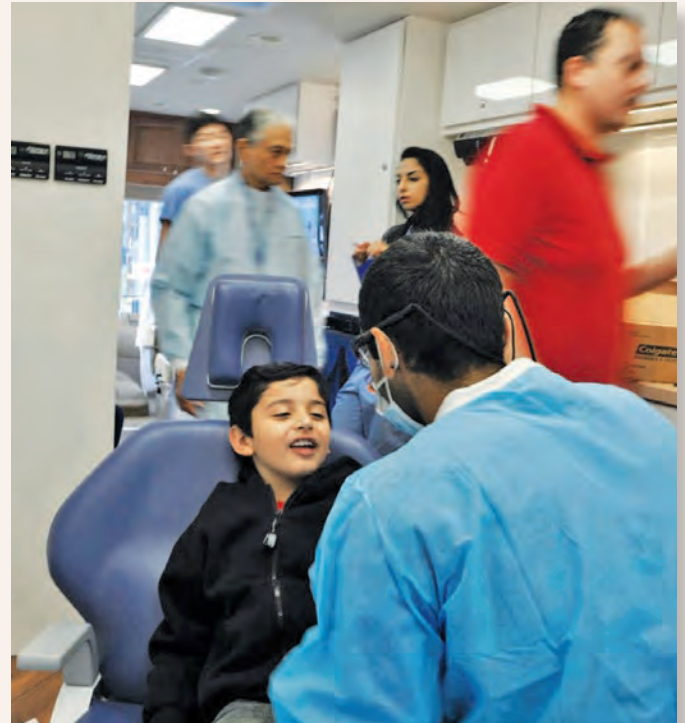
On Saturday, February 2, 2013, the Section of Pediatric Dentistry held its annual Give Kids A Smile event – a national initiative created in 2003 by the American Dental Association to promote pediatric oral health in underserved communities. Under the Give Kids A Smile program, dental schools across the country organize local health fairs, which aim to benefit hundreds of young children who lack proper dental care. To prepare for this year's event, pre-doctoral students, pediatric dentistry residents, and faculty spent the week before the event visiting local elementary and junior high schools where they screened more than 800 children who were deemed good candidates to receive actual dental treatment on the coming weekend.

On the day of the event, more than 140 children, ranging from infants to teens, received free dental services and valuable oral health education at two different clinics in Los Angeles County. Services included dental screenings, fluoride varnish applications, sealants, fillings, and extractions. Every



Photo above: Pre-doctoral students take a quick break between a dental screening at the Children's Dental Center of Greater Los Angeles in Inglewood.

Photo above, right: A young boy smiles for a Pediatric Dentistry resident before receiving treatment.



child also received free dental supplies including toothbrushes and toothpaste.

In total, 11 faculty members, 13 residents, and more than 100 pre-doctoral dental students volunteered at the event. The Children's Dental Center of Greater Los Angeles in Inglewood, which has been the only hosting location for the past several years, graciously offered their 10-chair dental clinic for this special event. Without their participation and support, this Give Kids A Smile event would not have been possible. New this year to the event was the additional location of T.H.E. Clinic, Inc. in Lennox, where infants and children received screenings, oral health education, and fluoride varnish.

The Section of Pediatric Dentistry would like to thank the clinic staff at both locations for hosting the event and the Colgate Van Team for providing supplies, oral hygiene aids, and their mobile dental van. Also, a special thanks to Alisha Paletsas and Alex Lee, co-presidents of the student chapter of the American Academy of Pediatric Dentistry for organizing the event, and to pediatric dentistry residents Adele Newell and Patricia McClory for their support in this effort. The weekend was a huge success.

Humanitarianism & Diversity - Integral to Our Core Values

Creating a Strong Pipeline

The UCLA School of Dentistry is committed to expanding and diversifying the pipeline of students in the Science, Technology, Engineering, and Math (STEM) disciplines by creating educational opportunities, collaborations with faculty, and group projects in our research labs.

A prime example of this commitment – our Pre-College Science Education program – received much-needed new funding in 2012 and will continue for another five years. Originally funded in September, 2007 through a five-year grant from the Howard Hughes Medical Institute, the program exposes gifted but educationally disadvantaged high school students to scientific research and potential careers in the health sciences. Funding from the Chancellor's Office combined with additional support from Dean No-Hee Park will now allow the program to run through 2017.

Since the program's inception, nearly 70 students have benefitted from exposure to research and science education, and each has gone on to attend college with a partial or full scholarship at some of the top universities in the country. Students accepted into this two-year program come from Los Angeles area high schools and are also participants in College Bound and Project Grad Los Angeles. Each year, a new cohort of 12 students is given the opportunity to conduct bench research and work closely with School of Dentistry faculty and their research assistants. The students conduct projects in such fields as bone biology, bioengineering, immunology, stem cells, and cancer.

Likewise, the UCLA Dental Post-Baccalaureate Program had another successful year of preparing undergraduate students for the arduous process of applying to and being



Photo, left: Sierra Balatan, a student in the Pre-College Science Education program, examines a petri dish in one of the School of Dentistry research labs.

Photo above, left to right: Scarlett Plantillas, Sierra Balatan, Thais Hogarth, and Nancy Silva pictured in front of the Jane and Jerry Weintraub Center for Reconstructive Biotechnology.

a competitive candidate for dental school. This program is a key component of our pipeline efforts and targets intelligent, hardworking, highly-motivated students from educationally and economically disadvantaged backgrounds who have a strong desire for careers in dentistry. These students face resource-related setbacks that impede their academic potential in the fiercely competitive milieu of undergraduate health majors. Many of our participants lack exposure to the role modeling and mentoring of individuals raised and surrounded by college graduates, and are often the first in their families to attend college. They have typically attended low-performing high schools, and needed to work significant hours in college to support themselves or contribute to their families' income. Most are unable to afford the Dental Admission Test preparation courses that

are taken by the vast majority of applicants. They must, nonetheless, compete with others who have access to these types of resources.

Our Post-Baccalaureate program provides students with comprehensive experience to help increase their chances of being accepted to dental school, and we have been very successful in our efforts. Out of the 43 students who have completed the program since 2003, 35 have elected to apply to dental school after completing the program, 28 were accepted, two are presently on alternate lists, and our two most recent participants are applying in the current cycle for the 2014 entering class.

This year, the School of Dentistry embarked on an exciting international collaboration with the Kigali Health Institute's (KHI) dental school in Rwanda. Through an introduction from Dr. Kimberly Harms, American Dental Association Consumer Advisor, an intellectual exchange program between our student-run Basic Dental Principles (BDP) Program and KHI was established. With the advanced technology of group video conferencing, pre-doctoral students have been able to interactively share their BDP learning modules with their Rwandan counterparts.

The BDP program, which consists of a two-quarter UCLA undergraduate course, is run by our pre-doctoral DDS students and serves a dual purpose. First, the course encourages undergraduate students who are interested in pursuing a career in dentistry to further their knowledge of the field. Second, the program helps our pre-doctoral students who are interested in academic dentistry careers to gain teaching experience under the mentorship of School of Dentistry faculty. The program is expected to expand in the 2013-2014 fiscal year with monthly presentations conducted by our BDP students to KHI dental students.

Edmond R. Hewlett, DDS '80
Associate Dean, Outreach and Diversity

International Collaboration



Dr. Kimberly Harms with Dr. Edmond Hewlett at a presentation Dr. Harms made to the School of Dentistry.

ACADEMIC & STAFF PERSONNEL

*Recruiting and Retaining World-Class
Faculty and Quality Staff Members*

The recruitment and retention of highly qualified faculty speaks volumes about the quality of the institution. We are proud of our long history of attracting the highest qualified individuals with diverse expertise and backgrounds to our faculty. Through a collaborative effort, we continue to shape the future of dentistry and dental education. During the 2012-2013 fiscal year, we are proud to have recruited:



Dr. Benjamin Wu as Professor and Chair in the Division of Advanced Prosthodontics (50 percent time). He also holds a 50 percent split appointment as Professor and Chair of Bioengineering in the Samuelli School of Engineering and Applied Science. Dr. Wu received his

DDS degree from the University of the Pacific School of Dentistry and a certificate in Advanced Prosthodontics from the Harvard School of Dental Medicine. Dr. Wu received a PhD degree in Materials Science and Engineering from the Massachusetts Institute of Technology.



Dr. Dean Ho as Professor in the Section of Oral Biology in the Division of Oral Biology and Medicine. Dr. Ho received both his MS and PhD degrees in Biomedical Engineering from UCLA. He was recruited from Northwestern University where he was an Associate Professor.



Dr. Min Chung as Assistant Clinical Professor and Director, Advanced Education in General Dentistry Westwood, with a joint appointment in the Division of Restorative Dentistry and in the Division of Advanced Prosthodontics. Dr. Chung received his

DDS degree from the NYU College of Dentistry, certificates in General Practice Residency and Advanced Prosthodontics from

the West Los Angeles Veterans Administration Medical Center, and a certificate in Maxillofacial Prosthetics and Oncology Dentistry from the UCLA School of Dentistry.



Dr. Kiho Lee as Assistant Clinical Professor in the Section of Orthodontics in the Division of Associated Clinical Specialties. Dr. Lee received his DDS degree from Seoul National University and received a certificate in Orthodontics and an MS degree in Oral

Biology from the UCLA School of Dentistry.



Dr. Chanel McCreedy as Assistant Clinical Professor in the Section of Pediatric Dentistry in the Division of Associated Clinical Specialties. Dr. McCreedy received her DDS degree and certificate in Pediatric Dentistry from the UCLA School of Dentistry.



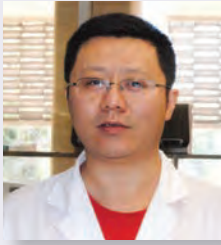
Dr. Sil Park as Assistant Clinical Professor in the Section of Removable Prosthodontics in the Division of Advanced Prosthodontics. Dr. Park received his DDS degree from Tufts University School of Dental Medicine and certificates in Advanced Prosthodontics

and Maxillofacial Prosthetics from the UCLA School of Dentistry.



Dr. Colby Smith as Assistant Clinical Professor, 50 percent time, in the Division of Restorative Dentistry and 50 percent time as the Director of the Advanced Education in General Dentistry (AEGD) program, at the UCLA Venice Dental Center. Dr. Smith received

his DDS degree and certificate in AEGD from the UCLA School of Dentistry.



Dr. Jiong Li as Assistant Adjunct Professor in the Section of Oral Biology in the Division of Oral Biology and Medicine. Dr. Li received his PhD in Biochemistry and Molecular Biology from the Shanghai Institute of Biochemistry and Cello Biology, Chinese Academy of Sciences in Shanghai, China.



Dr. Zhong Zheng as Assistant Adjunct Professor in the Section of Orthodontics in the Division of Associated Clinical Specialties. Dr. Zheng received both his MS and PhD degrees in Biology from Tsinghua University in China.

This cadre of new faculty is comprised of well established, nationally recognized senior faculty and young faculty on an upward trajectory. Their talents and expertise complement those of our existing faculty and together, we shall continue to advance our teaching, research, and public service initiatives.

The long term retention of faculty is a key element of success for any program. We are proud that seventy faculty members have been with the school for 20 to 29 years, thirty-eight for 30 to 39 years and five for 40 or more years. We extend our heartfelt gratitude to all of our faculty and especially those who have dedicated themselves to the School of Dentistry for multiple decades. Your impact on education, research, patient care, and public service to the community and the dental profession is collectively immeasurable. Thank you for your service.

Ronald Mito, DDS, FDS, RCSEd
Associate Dean, Academic Programs & Personnel

This Year in Staff Personnel

Collegial, challenging, diverse, rewarding, stable, and secure – those are just some of the adjectives that come to mind when describing employment at UCLA. These attributes and more can all be found at the School of Dentistry where traditional academia and clinical patient care go hand in hand to create a multi-cultural blend of faculty, students, and staff, all working together to fulfill the mission of the School of Dentistry.

The 2012-2013 fiscal year proved to be another challenging year as ongoing state budget issues resulted in increased financial burdens being imposed upon the UC system, and consequently, the School of Dentistry. However, as seen in the Dean’s Message and in the overview from our CFO, the School of Dentistry’s financial condition is impressively solid and sound. As in previous years, the School of Dentistry ended FY 12-13 with a strong surplus due to its multiple and diversified revenue streams and the cost-consciousness measures it has undertaken. Significantly, it is the job security afforded by the School of Dentistry’s financial stability that is one of the most valuable benefits that we can provide to our staff members.

Another show of the School of Dentistry’s appreciation for the dedicated service of our staff is our annual holiday breakfast, held on December 7, 2013. This past year, we honored Steve Shaevel, our Director of Academic Personnel, as the Outstanding

Supervisor of the Year, and Genevieve Cedillo, the Administrative Assistant to the Faculty Executive Committee, as the Outstanding Staff Member of the Year. As you will see later in this section, both Steve and Genevieve represent the qualities that we so appreciate among our staff members – dedication, reliability, responsibility, effectiveness, and congeniality – just to name a few.

The holiday breakfast is also the School of Dentistry’s opportunity to acknowledge and reward staff members who have provided us with 20 or more years of service. This year, we recognized the following four individuals; Paul Chao with Knowledge Management; Scot Kawano with Continuing Dental Education; Elva Lopez with the Faculty Group Dental Practice; and Maria Ward with Oral Radiology.

Finally, we cannot talk about the Annual Holiday Breakfast without saying a very special “thank you” for the philanthropy of Mr. VJ Lyons of Eurodent who donated the \$3,689 worth of gifts that were given away in this year’s student and staff raffle. It is safe to say that the holiday breakfast would not have been nearly as lively or festive without their generosity.

Vina Chin, JD
Assistant Dean, Administration & External Relations

Academic Personnel Actions 2012-2013

<i>New Appointments</i>	<i>Academic Section</i>	<i>Effective Date</i>
Benjamin Geller, Lecturer	Advanced Prosthodontics	01/20/13
Adam Geach, Lecturer	Advanced Prosthodontics	04/1/13
Mita Jethwani, Lecturer	Advanced Prosthodontics	10/1/12
Andrea Henderson, Lecturer	Advanced Prosthodontics	09/24/12
Marc Hayashi, Lecturer	Advanced Prosthodontics	04/1/13
Anahita Tajbakhsh, Lecturer	Advanced Prosthodontics	04/1/13
Dara Barron, Lecturer	Advanced Prosthodontics	07/1/13
Stacy Yu, Lecturer	Advanced Prosthodontics	07/1/12
Jenessa Oo, Lecturer	Endodontics	08/1/12
Ji Baag, Lecturer	Endodontics	08/1/12
Valerie Kanter, Lecturer	Endodontics	08/1/12
Wesley King, Lecturer	Orofacial Pain	01/1/13
John Orsi, Lecturer	Orofacial Pain	08/16/12
Vazrick Navasartian, Lecturer	Orofacial Pain	01/2/13
Feridey Carr, Lecturer	Orofacial Pain	03/25/13
Sarah Aylard, Lecturer	Orofacial Pain	07/1/12
Dean Ho, Professor	Oral Biology	07/1/12
Legiang Nguyen, Lecturer	Oral Radiology	10/1/12
Elizabeth Pollak, Lecturer	Oral Radiology	07/25/12
Tin Hoang Nguyen, Lecturer	Oral Radiology	07/1/12
Jone Kim, Lecturer	Oral Surgery	06/1/13
Hamlet Garabedian, Lecturer	Oral Surgery	05/23/13
Richard Ting, Lecturer	Oral Surgery	05/1/13
Daniel Cullum, Lecturer	Oral Surgery	07/1/12
Reena Khullar, Lecturer	Orthodontics	10/1/12
Kati Asgarifar, Lecturer	Orthodontics	02/19/13
Gary Lau, Lecturer, Lecturer	Orthodontics	10/1/12
Philip Nisco, Lecturer	Orthodontics	07/1/12
Manisha Sisodia, Lecturer	Orthodontics	10/10/12
Deyanira Sanchez, Lecturer	Pediatric Dentistry	08/10/12
Yvonne Lee, Lecturer	Pediatric Dentistry	10/1/12
Scott Ngai, Lecturer	Pediatric Dentistry	10/1/12
William Zanger, Lecturer	Pediatric Dentistry	10/1/12
Marshall Chey, Lecturer	Pediatric Dentistry	07/3/12
Michael Kleinman, Lecturer	Pediatric Dentistry	01/1/13



Dr. Renate Lux



Dr. Kumar C. Shah



Dr. Jenessa Oo

<i>New Appointments</i>	<i>Academic Section</i>	<i>Effective Date</i>
Sahar Verdi, Lecturer	Periodontics	07/1/12
Charles Zahedi, Lecturer	Periodontics	07/1/12
Amanda De La Vega, Lecturer	Periodontics	07/1/13
Talia Shainhouse, Lecturer	Periodontics	04/1/13
Anat Tadir, Lecturer	Periodontics	01/1/13
Sheila Yaghmai, Lecturer	Restorative	05/20/13
Monica Pardo, Lecturer	Restorative	08/1/12
Jay Grossman, Lecturer	Restorative	05/17/13
Susan Fredericks, Lecturer	Restorative	05/24/13
Lindsay Costantino, Lecturer	Restorative	08/1/12
Vera Stewart, Lecturer	Restorative	02/13/13
Michele Frawley, Lecturer	Restorative	10/1/12
Gregory Thurston, Lecturer	Restorative	02/19/13
Gregory Clibon, Lecturer	Restorative	05/16/13
Makhmal Farhadian, Lecturer	Restorative	10/1/12
Jeffrey Turchi, Academic Administrator	Restorative	07/1/12
Monica Pardo, Lecturer	Restorative	08/1/12
Chris Cerceo, Lecturer	Restorative	02/8/13

<i>Promotions</i>	<i>Academic Section</i>	<i>Effective Date</i>
Lillian Cheng, Associate Clinical Professor	Restorative/Venice Dental Center	07/1/12
Moustafa El-Ghareeb, Associate Clinical Professor	Advanced Prosthodontics	07/1/12
Kumar C. Shah, Associate Clinical Professor	Advanced Prosthodontics	07/1/12
Mo Kang, Professor	Endodontics	07/1/12
Renate Lux, Associate Professor In Residence	Oral Biology	07/1/12

Faculty Honors

Distinguished Faculty of the Year



Every year, a faculty member is honored for his or her contributions to teaching, research, and professional service. The award for this year's Distinguished Faculty Member went to Dr. Ronald Mito for his outstanding achievements as a dental educator, clinician, academic administrator, and a leader, both at UCLA and in the field of dentistry.

Dr. Mito is presently the Associate Dean of Academic Programs and Personnel and a Professor of Clinical Dentistry. He received his DDS degree from UCLA in 1976 as well as an advanced training certificate in Family Practice and Hospital Dentistry in 1977. He conducted private practice in both Rancho Palos Verdes and Westwood, California until 1984, when he joined the full-time faculty at the School of Dentistry. Since 1991, Dr. Mito has held Associate Dean positions, and served as the Director of the UCLA Faculty Group Dental Practice for more than 13 years.

A nationally recognized leader for his work in advancing postdoctoral dental education, Dr. Mito has been very active in organized dentistry at the local, state, and national levels. He has served in several leadership roles throughout his career, including Governor's Appointee to the Dental Board of California, Consultant to the Commission of Dental Accreditation, and Grant Reviewer for Federal Training Grants in General Dentistry.

Dr. Mito is a clinical expert in the diagnosis and treatment of patients with severe dental fear and anxiety. Over the course of his career, he has given many interviews and lectures regarding dental fear and anesthesia for dentistry – the most notable of which aired on CNN Medical Update, ABC News 20/20, and NBC Network News. He is also one of the first 10 U.S. dentists to be conferred Diplomate status, without examination, by the Royal College of Surgeons, Edinburgh, Scotland.

For the past 30 years, Dr. Mito has been a loyal faculty member and dedicated administrator and alumnus, serving as the Co-Chair of the Apollonian Society, since its inception in 2004.

Dean No-Hee Park Elected as a Fellow by the American Association for the Advancement of Science



Dean No-Hee Park was one of eight UCLA professors to be named a fellow by the American Association for the Advancement of Science (AAAS), the world's largest general scientific society and the publisher of the journal, *Science*. Members are chosen for their distinguished efforts

to advance science or its clinical applications.

Dean Park was honored "for distinguished contributions to the field of oral cancer and dental education, particularly for oral carcinogenesis, viral infection and cell aging." The selection of fellows has been an AAAS tradition since 1874 and Dean Park joins a select group of individuals who have greatly contributed to advancing science and serving society.

Dr. Cun-Yu Wang Recognized as a Distinguished Scientist



The International Association for Dental Research (IADR) recognized Dr. Cun-Yu Wang as the recipient of the 2013 IADR Distinguished Scientist Award in Basic Research in Biological Mineralization. Dr. Wang was noted for his broad contribution to the mineralized tissues field; his

major research discoveries, including the effects of inflammation on bone formation and the elucidation of basic mechanisms governing stem cell renewal; and his identification of critical epigenetic signals controlling the differentiation of mesenchymal stem cells to bone cells.

Dr. Wang has more than 12,000 citations in scientific publications and is among the most frequently cited dental scientist in the world.

Dr. Neal Garrett Appointed to Associate Dean of Education and Faculty Development



Dr. Neal Garrett was appointed Associate Dean of Education and Faculty Development, a newly created position that addresses the need to grow the Inter-professional Education (IPE) and Inter-professional Practice (IPP) initiatives at the School of Dentistry. In this role, he is responsible for the curriculum of the DDS and postgraduate clinical training programs as well as the development and maintenance of the IPE and IPP programs. As the Commission of Dental Accreditation has established IPE and IPP as a standard for all DDS and DMD programs in the U.S., this position and its duties are instrumental to the future of the School of Dentistry's education enterprise.

Dr. Tara Aghaloo Appointed as Assistant Dean of Clinical Research



Dr. Tara Aghaloo was appointed Assistant Dean of Clinical Research, a newly created position that oversees clinical research and clinical trials conducted by School of Dentistry faculty. She was also appointed as Director of the Clinical Research Center, where she works closely with the UCLA Clinical Translational Science Institute.

Dr. Aghaloo holds a DDS, an MD, and a PhD, she is a Diplomate of the American Board of Oral and Maxillofacial Surgery, and she also maintains an active clinical oral and maxillofacial surgery practice.

Dr. Francisco Ramos-Gomez Awarded for Improving Oral Health



Dr. Francisco Ramos-Gomez, Professor in the Section of Pediatric Dentistry, received a Faculty Recognition Award from Colgate Palmolive and a Presidential Award from the Hispanic Dental Association at the Multi-Cultural Oral Health Summit. The summit, which focuses

on improving oral health in diverse populations, brought together the Hispanic Dental Association, the National Dental Association, and the Society of American Indian Dentists.

Dr. Ramos-Gomez was also acknowledged with a certificate of appreciation for his vision and leadership in making the summit a reality.

Dr. Earl Freymiller Appointed Bob and Marion Wilson Endowed Chair



Dr. Earl Freymiller, Professor of Clinical Dentistry in the Section of Oral and Maxillofacial Surgery, was appointed the first ever Bob and Marion Wilson Endowed Chair. He was chosen for this honor as he truly embodies the spirit of the newly created chair, which is designated for a distinguished faculty member who exemplifies excellence in teaching and service.

Dr. Freymiller is a nationally recognized oral and maxillofacial surgeon. He also volunteers his time and expertise several times a year in Ensenada, Mexico, providing services to underserved children with cleft lip and palate deformities.

Dr. David Wong Appointed to Editorial Board of the Journal of Biological Chemistry



Dr. David Wong, Professor and Associate Dean of Research, was appointed to the editorial board of the *Journal of Biological Chemistry*. The journal publishes papers, based on original research, that are judged to make a novel and important contribution to understanding the molecular and cellular basis of biological processes.

Dr. Wong's board term is effective from July 1, 2013, through September 30, 2018. He joins eminent colleagues from other major universities and organizations around the world. Dr. Wong is a pioneer in the field of salivary diagnostics and oral cancer research.

Dr. Dean Ho Elected to Board of Society for Laboratory Automation and Screening



Dr. Dean Ho, Professor of Dentistry in the Divisions of Oral Biology and Medicine and Advanced Prosthodontics, was elected to the Board of Directors of the Society for Laboratory Automation and Screening (SLAS), for a 3-year term. He recently received an SLAS Endowed Fellowship for his work at UCLA.

Dr. Ho was also elected to the Board of Trustees of UCLA Unicamp, which is the official philanthropic body of UCLA. Unicamp has been in existence for over 75 years and annually sends nearly 1,000 participants from low-income families to a leadership camp.

Dr. Kumar C. Shah Elected to the Academy of Prosthodontics



Dr. Kumar C. Shah, Clinical Associate Professor in the Division of Advanced Prosthodontics, was elected as an Associate Fellow by the Academy of Prosthodontics. The Academy was founded in 1918 and is the oldest and most elite specialty organization in prosthetic dentistry. Its membership

is comprised of about 70 distinguished clinicians, educators, and leaders of the profession from around the world.

Dr. Shah was acknowledged for his excellent technical skills, clinical insights, mentoring abilities, and leadership qualities.

Dr. Nancy Reifel Awarded Faculty Recognition from Colgate/Palmolive



Dr. Nancy Reifel, Assistant Professor in the Division of Public Health and Community Dentistry, was selected as the recipient of the 2013 NDAF/Colgate-Palmolive Faculty Recognition Award in the category of Administration and Service. Dr. Reifel was given the award based

on her demonstration of excellence in the professional development of students and a willingness to support and to help students and colleagues in their quest for knowledge and advancement. The award program is jointly sponsored by the National Dental Association and the American Dental Education Association.

Dr. Todd Schoenbaum Selected for Fellowship in the American College of Dentists



Dr. Todd Schoenbaum, Assistant Clinical Professor and the Acting Director of Continuing Dental Education, was inducted into the American College of Dentists as a new Fellow. He was also inducted into the American Academy of Esthetic Dentistry as an Associate Fellow. He

is one of the youngest fellows ever to be inducted into either organization.

Dr. Schoenbaum along with Dr. Thomas Han, Adjunct Professor in the Section of Periodontics, was also awarded the Scientific Writing Award from the Journal of Prosthetic Dentistry for their paper entitled, "Direct custom implant impression copings for the preservation of pontic site architecture."

Dr. Charles Alexander Appointed to the California's Physician Assistant Board



Dr. Charles Alexander, Associate Vice Provost for Student Diversity, Director of the Academic Advancement Program at UCLA, and Associate Adjunct Professor in the Division of Public Health and Community Dentistry, has been appointed as a public member, by

Governor Brown, to the California Physician Assistant Board.

The board is part of the Medical Board of California, and its mission is to protect and serve consumers through licensing, education, and objective enforcement of the Physician Assistant laws and regulations.

Recognizing Retired Faculty



Dr. Karen Lefever, the School of Dentistry's Academic Coordinator, announced her retirement from UCLA, effective June 27. Dr. Lefever was with UCLA for nearly 30 years, initially working for the UCLA Higher Education Research Institute as a Staff

Research Associate from 1981 to 1985. Then in 1985, she took a break to work on her PhD in Education at UCLA, and completed the program in 1990. Following the completion of her PhD degree, she was hired by the School of Dentistry as an Evaluation Consultant, a position she held until 1995 when she became the Academic Coordinator.

As Academic Coordinator, Dr. Lefever provided valuable input on curriculum management and education pedagogy. In addition, she played a significant role in the highly successful accreditation reviews of the School of Dentistry in 1997, 2004, and 2011, and was a consistent resource for faculty seeking advice for course development, classroom innovation, and effective assessment of educational outcomes.

In 2004, Dr. Lefever was appointed a Lecturer in the Division of Public Health and Community Dentistry, and she was a welcome participant in many courses in the pre-doctoral curriculum. She was an active member of numerous School of Dentistry committees, and her value was particularly appreciated by the Curriculum and Outcomes Committee. Another significant contribution was her service as a faculty mentor to students interested in academic dentistry and educational research.

In addition to her PhD from UCLA, Karen holds a BA degree in English from Moravian College, an MA degree in English from Lehigh University, and an MS degree from Villanova University in Counseling and Human Relations.

Dr. Lefever will be dearly missed by everyone she came in contact with on a daily basis. The entire School of Dentistry community thanks Dr. Lefever for her years of dedication and wishes her the best in retirement.

Staff Honors



Genevieve Cedillo and Steve Shaevel

Outstanding Supervisor of the Year

For more than 26 years, Steve Shaevel has successfully led the administrative operations of the School of Dentistry's faculty appointments and operations, serving as the Director of Academic Personnel. Steve is responsible, along with his staff, for all faculty matters and their concerns. Specifically, he is an expert on the faculty compensation plan and one of his strongest skills is being able to explain the complexities of the plan as well as other policies to faculty, staff, and visitors.

Steve is a team player and his ever-present cheerful demeanor makes working with him and for him a pleasure. The School of Dentistry is grateful to Steve for his dedication, loyalty, and many years of service. Congratulations to Steve on this much deserved award.

Outstanding Staff Member of the Year

In as little as six years, Genevieve Cedillo has made an extraordinary contribution to the School of Dentistry, assisting faculty, students, and staff. Words used to describe her are courteous, kind, hard-worker, team player, and exemplary staff member. Since 2007, she has provided valuable administrative support to the Faculty Executive Committee and the Curriculum and Outcomes Committee. She has also managed the DDS class schedules and has served as the coordinator and trainer for the online database system, Angel.

Furthermore, Genevieve had an important role in the School of Dentistry's most recent re-accreditation process, which occurred in February 2011. Without her, the process would not have been nearly as successful. She never hesitates to take on new responsibilities and always does so with a courteous and professional manner. The School of Dentistry is lucky to have Genevieve on staff and we thank her for her dedication and hard work.

Recognizing Staff with 20 Years of Service

Elva Lopez

Faculty Group Dental Practice



Paul Chao

Knowledge Management



Scot Kawano

Continuing Dental Education



Maria Ward

Oral Radiology

Staff Personnel Actions 2012-2013



Muneeza Irfani



Eric Castro



Kelsey Christianson

<i>New Hires to Campus</i>	<i>Unit</i>	<i>Effective Date</i>
Victoria Puente, CDE Administrative Assistant	Continuing Education	07/09/12
Muneeza Irfani, T32 & DRI Coordinator	DRI	08/01/12
Kelsey Christianson, Deans Office Assistant and Receptionist	Dean's Office	08/15/12
Marialejandra Guevara, Dental Assistant	Straumann Surgical Dental Clinic	11/26/12
Kimberly Mataalii, Dental Hygienist	Periodontics	03/05/13
Nancy Corona, OMS Care Coordinator	Oral & Maxillofacial Surgery	03/11/13
Lizette Perez, Clinic Assistant	Endodontics	03/26/13
Marlene Lozano, Division Assistant	Restorative	04/15/13
Aldo Becerra, Dental Assistant	Advanced Education in General Dentistry	05/06/13
Ritesh Salvi, Group Practice Administrator	General Clinic	05/20/13
Michael Gordon, Administrative Assistant	Oral Biology & Medicine	06/03/13
Eric Castro, EH&S Specialist	Health and Safety	06/24/13

<i>Transfer from Another UCLA Department</i>	<i>Unit</i>	<i>Effective Date</i>
Linhua Zou, Laboratory Assistant	Advanced Prosthodontics	12/03/12
Geneva Rangel, PPID Coordinator	Student Affairs Office	04/01/13

<i>New and Expanded Roles</i>	<i>Unit</i>	<i>Effective Date</i>
Lidia Bolanos, Group Practice Administrator	General Clinic	07/20/12
Andrea Parada, Associate Director of Development	Development	07/25/12

<i>Transfer to Another UCLA Department</i>	<i>Unit</i>	<i>Effective Date</i>
Sandybeth Munoz, Administrative Assistant	Student Affairs Office	12/16/12

Staff Retirements

The entire School of Dentistry community thanks the following individuals for their years of service and we wish them well in retirement.



Larry Hudspeth, Assistant Dean of Finance and Chief Financial Officer, announced his retirement from UCLA, effective August 3, 2012. Larry joined the School of Dentistry on October 26, 2009, and worked tirelessly as our CFO until his retirement. Before coming to the School

of Dentistry, Larry served in the same position at UCLA's School of Arts and Architecture. He also assumed additional responsibilities as the School's Director of Information Technology. Following his time at UCLA, Larry relocated to his home state of Oregon to begin a new chapter in his life.



William Yancey, Assistant Dean and Director of Continuing Dental Education and Alumni Affairs, announced his retirement from UCLA, effective April 23, 2013. Dr. Yancey served the School of Dentistry for more than 30 years, since he was first hired as a lecturer

in 1981. From 1981 to 1994, he held several directorships in General Practice Residency and Advanced Education in General Dentistry. In 1994, he began his tenure as the Assistant Dean and Director of Continuing Dental Education and Alumni Affairs and stayed in that role for the rest of his service.



Lisa Yi, Clinic Administrator, announced her retirement from UCLA, effective June 27, 2013. Lisa was first hired in 1985 by Dr. Stuart White and Dr. Barton Graff. Under their mentorship, Lisa decided to take classes to become a radiology technician. Throughout her 28 years

working for the School of Dentistry, Lisa had the opportunity to work with many wonderful supervisors. In addition to Drs. White and Graff, she also worked with Drs. Sotirios Tetradis, and Sanjay Mallya. Following retirement, Lisa has plans to travel to her native country, South Korea, and Europe. After her world travels, she wants to try her hand at playing the piano and harp.



Patricia Medellin, Administrative Assistant in the Division of Oral Biology and Medicine, announced her retirement from UCLA, effective June 27, 2013. Pat was originally hired by Dr. William Solberg in 1989. She was an Administrative Assistant for several sections chairs,

including Drs. Glenn Clark, David Wong, Andrew Pullinger, Diana Messadi, and Cun-Yu Wang. At the time of her retirement, Pat served the School of Dentistry for 24 years.

Gwendolyn Petite, Clinic Assistant, announced her retirement from UCLA, effective February 1, 2013. Gwen started her full-time position at the School of Dentistry on April of 2000, in the Section Periodontics as an Administrative Assistant. Initially, Gwendolyn was hired as a temporary employee to help with the front desk duties of the Periodontics and Implant Surgery Clinic, and soon became the face of the Periodontics Clinic. Among her many skills, it was her friendly disposition and ability to communicate effectively with everyone that kept the Periodontics Clinic thriving and she was soon offered a full time permanent position. The Section of Periodontics thanks Gwen for her 12 years of service to the School of Dentistry community and wish her the best of luck in retirement.

FINANCE, DEVELOPMENT & ALUMNI AFFAIRS

Providing a Foundation for the Future through Financial Stability and Growth, Philanthropic Fundraising, and Strong Ties with Our Alumni

While state funding remains a vital component of the UCLA School of Dentistry's revenue stream, campus and School leadership recognize that we cannot rely on state support alone to maintain the quality of our educational programs, research projects, and patient care, as well as our public service commitments. As such, we are thankful for the significant on-going efforts made by our leaders, faculty, residents, students, donors, and alumni to keep the School of Dentistry among the very best dental institutions in the world.

As a result of these efforts, contracts and grants revenue grew from \$12.8 million in the 2011-2012 fiscal year to \$17.5 million in the 2012-2013 fiscal year, which is an increase of \$4.7 million or 37 percent. Also adding to the growth of our

extramural support was a \$1.1 million or 35 percent increase in gifts and endowments revenue over the prior fiscal year. In terms of our course offerings, the School of Dentistry has broadened its Advanced Clinical Training and preceptor offerings as we work to meet a strong international demand. These programs alone have grown by \$2.7 million or 75 percent over the prior fiscal year and have generated nearly \$6.4 million in revenue in 2012-2013.

It is only due to your collective contributions that the School of Dentistry has been able to maintain its level of excellence as we look toward re-investing for the future.

Andrew Alexan
Assistant Dean, Finance & Chief Financial Officer

Revenues by Fund Source

<i>Fund Source</i>	<i>Fiscal Year 2002-2003</i>	<i>% of Total Revenue</i>	<i>Fiscal Year 2007-2008</i>	<i>% of Total Revenue</i>	<i>Fiscal Year 2012-2013</i>	<i>% of Total Revenue</i>
State support	\$15,200,168	30%	\$14,309,741	21.5%	\$13,534,261	16.4%
Other University and State Support	723,279	1.4%	2,579,916	3.9%	1,080,977	1.3%
Student Fees and Tuition	2,286,128	4.5%	6,231,758	9.3%	9,233,648	11.2%
International Programs	385,020	0.8%	1,292,024	1.9%	6,387,552	7.8%
Resident Funding ¹	3,662,326	7.2%	2,988,448	4.5%	3,426,825	4.2%
Contracts & Grants ²	7,097,596	14%	11,246,927	16.9%	17,467,444	21.2%
Gifts and Endowments ³	3,100,047	6.1%	3,228,875	4.8%	4,352,341	5.3%
Clinics, Faculty Practice Groups, & Continuing Education	18,232,961	36%	24,786,001	37.2%	26,904,628	32.7%
Total Revenues	\$50,687,525	100%	\$66,663,689	100%	\$82,387,675	100%

¹ Includes GME resident salaries paid from UCLA Hospital and Veterans Administration funding also paid through UCLA Hospital.

² Revenues booked on the General Ledger are slightly different from contract and grant amounts awarded due to timing differences between grant award and implementation.

³ Revenues include new gifts applied to endowment corpus.

Supporting Growth & Development

The UCLA School of Dentistry is grateful to our donors, who include alumni, faculty, students, corporations, foundations, staff, and friends who help preserve the tradition of excellence in dental education, research, patient care, and public service. The 2012-2013 fiscal year was a groundbreaking time for the School of Dentistry with nearly \$9.3 million in gifts and pledges, up from \$3.1 million raised the prior year.

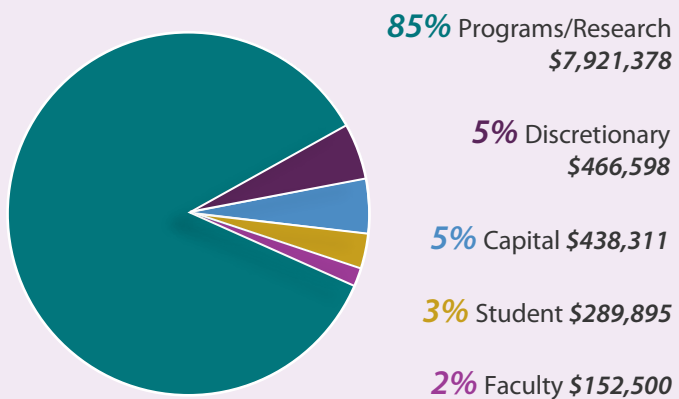
This dramatic increase is attributable in large part to philanthropists Dr. Mick & Mrs. Mary Dragoo, who pledged a landmark gift of \$5 million to establish the UCLA Mick and Mary Dragoo Periodontal and Implant Clinical Research and Patient Care Center. The Dragoo's gift, the largest single donation the dental school has ever received from private donors, will create a leading site for clinical research, patient care, and education in periodontology and implantology. Furthermore, the dramatic increase in support exemplifies the continued emphasis and evolution of the philanthropic culture at the School of Dentistry in response to the budgetary reality of state monetary support.

Looking ahead to the future, we will begin celebrating the School of Dentistry's 50th Anniversary in 2014. The Board of Counselors will play a key role in this special celebration and in raising funds for the centerpiece campaign. Among our top priorities is establishing endowed chairs to recruit and retain the very best faculty members to train and educate the next generation of oral health practitioners. We are committed to having internationally recognized faculty to lead students through our rigorous curriculum and prepare them for the practice of dentistry, academic careers, and leadership roles. In turn, the students at the School of Dentistry represent the best, brightest, and most inquisitive minds from around the world.

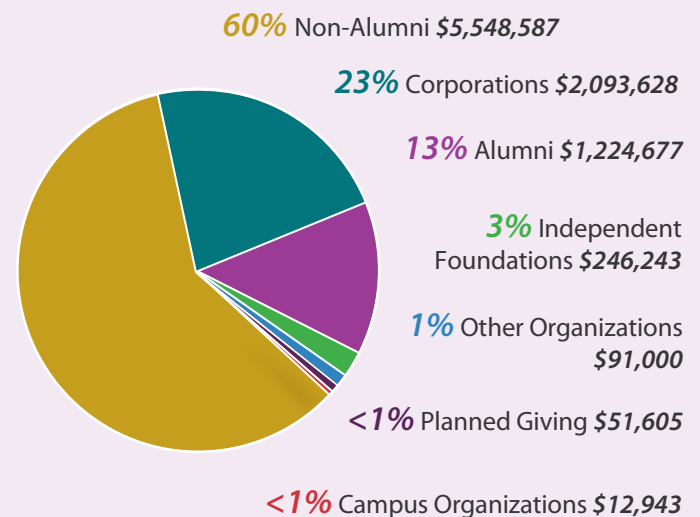
In its ninth year as a membership organization, the Apollonian Society annual fund received donations totaling \$247,834 in the 2012-2013 fiscal year. The financial contribution of our Apollonian Society supports the student experience and helps to ensure the School of Dentistry's reputation for world-class scholarship and academic excellence.

Development by the Numbers

New Donations by Purpose



New Donations by Source



This past year, the School of Dentistry lost a dear friend, Mrs. Peggy Bloomfield, who along with her late husband, William E. Bloomfield, were major benefactors to UCLA for many years. She supported both the creation and renovation of the Wilson-Jennings-Bloomfield UCLA Venice Dental Center, as well as the creation of the Bloomfield Family Geriatric Patient Care Fund to provide senior adults assistance with the cost of oral healthcare services. The School of Dentistry sincerely cherishes her dedicated commitment to improving healthcare in our communities.

As we continue to navigate the fiscal challenges ahead, we thank you for your generous support that enables us to propel the dental profession forward, preserving the tradition of top tier teaching programs, research projects, and public service efforts for which the School of Dentistry is known, and enriching the education of dentistry's future leaders.

Mallory Gompert
Director of Development

Annual Fundraising

\$9,268,683
 2012-2013

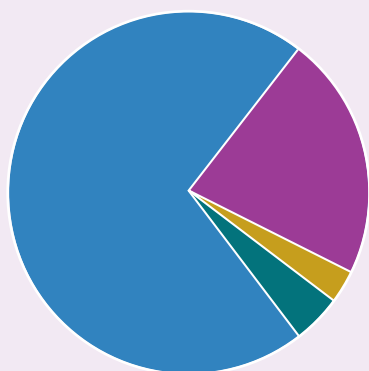
\$3,146,183
 2011-2012

\$2,092,209
 2010-2011

\$2,019,131
 2009-2010

\$2,873,010
 2008-2009

Apollonian Society Donors



71% Alumni \$175,729

22% Corporation/
 Foundation \$53,765

3% Faculty/Staff \$7,900

4% Friends \$10,440

Principal Value of Gifts & Endowment

\$27,250,968
 2012-2013

\$24,401,889
 2011-2012

\$23,190,124
 2010-2011

\$21,972,550
 2009-2010

\$21,012,369
 2008-2009

Development Highlights

UCLA Mick & Mary Dragoo Periodontal and Implant Clinical Research and Patient Care Center

Thanks to the generous \$5 million landmark donation from philanthropists, Dr. Mick and Mrs. Mary Dragoo, the School of Dentistry is establishing the UCLA Mick and Mary Dragoo Periodontal and Implant Clinical Research and Patient Care Center. Directing the Dragoo Periodontal and Implant Center will be Dr. Perry Klokkevold, an Associate Professor and Director of the Periodontics Residency Program at the School of Dentistry.

"I am fully committed, honored, and inspired to have the opportunity to direct the Dragoo Periodontal and Implant Center. I share the Dragoo's vision and goals of improving patient care worldwide through clinical research."

- Dr. Perry Klokkevold



Endodontics Renovation Campaign

Over the past twenty years, the School of Dentistry's Endodontic Residency Program has become a leading program in the country. This year marked the completion of the Endodontic Clinic Renovation Campaign. The new clinic has new, bigger operatories with state-of-the-art equipment, as well as a dedicated suite for microsurgery. This new facility will serve generations of our Endodontic residents and future alumni, helping to secure the continued success of the program. We thank all of our donors who have contributed to this campaign.



Board of Counselors 2012-2013

Naomi L. Ellison, DDS '81

Chair

Russell I. Webb, DDS '78, Ct. '81 (OS)

Vice Chair

Ralph Buoncristiani, DDS, Ct. '81 (OS)

Jae Min Chang

Susan C. Fredericks, DDS '81

David Y. Lee, MD, MPH, MBA

Oariona Lowe, DDS, Ct. '84 (PD)

Harold M. Matheson, MS, MBA

Elizabeth McNabb, DDS, Ct. '75 (O)

Professor Jun Miyata

Joan Otomo-Corgel, DDS '76, MPH

Howard Park, DMD, MD

Margaret C. Pan Quon, MS, DDS '68

Thomas J. Rauth, DDS '73, MS

Gerald P. Roodzant, DDS '79

Elliot P. Schlang, DDS '74

Byoung I. Suh, MS, PhD

Linda Tarrson

Don Waters

Robert S. Wilson

Felix C. Yip MD

No-Hee Park, DMD, PhD

Ex officio

Endowed Chairs serve as an effective solution to one of the greatest challenges facing the School of Dentistry — the recruitment and retention of outstanding faculty members. An endowed chair enables us to attract and retain world-class faculty members by providing a reliable, on-going source of teaching and research support. The highlights below provide an overview of our commitment in the 2012-2013 fiscal year to ensuring that we have a strong foundation for current and future faculty.

Alumni and Friends Endowed Chair Campaign

In celebration of the School of Dentistry's 50th Anniversary, the centerpiece fundraising campaign is the establishment of an Alumni and Friends Endowed Chair, which may be held by a faculty member for a period of up to five years and is renewable after review. This campaign has strong momentum and we are confident that, with the leadership of our Board of Counselors and support of our alumni and friends, we will make the 50th Anniversary Celebration a year to remember.

Bob & Marion Wilson Endowed Chair

Dr. Earl Freymiller, an eminent oral and maxillofacial surgeon and a Professor of Clinical Dentistry at the School of Dentistry, was appointed as the inaugural holder of UCLA's Bob and Marion Wilson Endowed Chair. The endowed term chair — the eighth endowed chair at the dental school — was established to support the teaching, research, and public-service activities of a distinguished faculty member who has demonstrated leadership in dental surgery and education and a strong commitment to community service in the field of dentistry. The chair was created with a \$1 million endowment to honor longtime supporters Bob and Marion Wilson for the immeasurable generosity they have shown to the School of Dentistry for the past three decades.



Alumni & Friends Oral & Maxillofacial Surgery Endowed Chair Campaign

This past fiscal year also marked the launch of the Alumni & Friends Oral & Maxillofacial Surgery Endowed Chair Campaign, being chaired by Drs. Howard Park and Ralph Buoncristiani. They shared the following thoughts.



Dr. Howard Park



Dr. Ralph Buoncristiani

“When Dean No-Hee Park initially approached us to help raise funds for the School, we told him that we would like to direct our efforts to the Section of Oral and Maxillofacial Surgery. We both hold this program very close to our hearts. Since graduating from the UCLA Oral and Maxillofacial Surgery Program in 1981 and 1998, we have been part-time volunteer faculty members, and have personally observed the level of dedication demonstrated by the current full-time faculty members. We owe gratitude to them for the successful practices we enjoy. We feel privileged to have been given this opportunity to spearhead this endeavor and look forward to realizing the goal of the endowment.”

To learn more about the endowed chair campaigns, please contact the Office of Development at (310) 206-6079 or mgompert@support.ucla.edu.

Building Strong Ties with Our Alumni

The Office of Alumni Affairs understands how important it is to establish a strong connection between the UCLA School of Dentistry and its past graduates. Alumni create a valuable professional network for all recent graduates that, with each passing year, only grows stronger and stronger.

In June, the alumni community welcomed 100 new members, bringing the total number of graduates to nearly 4,400, and the total number of postgraduate certificate holders to more than 875. Many of our DDS graduates go on to pursue advanced training and have relocated to cities throughout the country and in some cases, around the world. This dissemination of the UCLA School of Dentistry name around the globe is invaluable for the creation of future connections and professional opportunities for current and past graduates.

Every year, the Office of Alumni Affairs hosts Alumni Day where attendees not only enjoy reunions with their classmates but also a top-notch itinerary of planned events. This year's events coincided with the California Dental Association's Spring Scientific Session, and were held on Saturday, April 13, 2013, at the Anaheim Hilton Hotel. More than 350 alumni, faculty, and staff were on-hand to honor this year's Alumnus of the Year, Gregory Prince '73, and Honorary Alumnus of the Year, Fermin Carranza. Additionally, we honored the Reunion Classes of 1963, 1973, 1978, 1983, 1988, 1993, 1998, 2003, and 2008.

Following the reunion and awards luncheon, alumni members enjoyed a reception hosted by Dean No-Hee Park, which was attended by more than 600 guests. Rounding out the day's activities was an annual Alumni Dance,

Alumnus of the Year



Dr. Greg Prince '73 was part of the sixth class to graduate from the School of Dentistry. After receiving his DDS degree, he decided to pursue a PhD degree in Pathology with a research emphasis on respiratory syncytial virus (RSV), the primary cause of infant pneumonia throughout the world. Following the completion of his PhD from the David Geffen School of Medicine at UCLA, he was offered a post-doctoral fellowship at the National Institutes for Health (NIH) where he was given the opportunity to continue his work on RSV. Seeking to utilize his DDS degree, he took the Northeast Regional Dental Board exams in 1976, and since that time until 1994, he combined two careers, one in family dental practice and the other in medical research with NIH.

In 1987, Dr. Prince along with two other colleagues founded Virion Systems, Inc., a corporation that commercialized his landmark studies on the role of high-titered antibodies in preventing RSV disease in premature infants. One of the drugs, Synagis®, which Virion created, is currently administered to over a quarter-million high-risk infants throughout the world each year and remains the only monoclonal antibody ever licensed for use against an infectious agent.

Dr. Prince is the author of more than 150 scientific papers and also serves on the boards of several non-profit institutions. Since 2006, he has held an adjunct faculty appointment at the School of Dentistry.



sponsored by XDR Radiology, a company focused on medical and dental technology, owned by Adam Chen, DDS '83 and Doug Yoon, DDS '83.

As we approach the 50th Anniversary Celebration, alumni support is imperative to the success of the milestone celebration. We look forward to the coming festivities and encourage all alumni and friends to support the School of

Dentistry by attending Anniversary events starting in May 2014 and continuing throughout the 2014-2015 fiscal year.

*David Altman, DDS '78
Director of Alumni Affairs*

Honorary Alumnus of the Year

Dr. Fermin Carranza received his DDS degree from the University of Buenos Aires followed by a certificate in Periodontics from Tufts University in Boston. He then went onto hold several teaching appointments, including Assistant Professor of Periodontics at Tufts University, and Adjunct Professor of Oral Pathology and Professor of Periodontics at the University of Buenos Aires. From 1966 to 1974, he held the Chair of Periodontics at the University of Buenos Aires. Following this tenure, he joined UCLA in 1974 as a Professor and Chairman of the Section of Periodontics until his retirement in 1994 when he became a Professor Emeritus.

Dr. Carranza has received numerous awards throughout his lifetime and has written more than 141 scientific papers, 92 abstracts, and numerous books on the field of periodontics and dentistry. He was a key reason the Section of Periodontics at the School of Dentistry has grown into such a strong training program.



Top photo: Class of 1983 pose with Dean No-Hee Park at the Annual Alumni Day Luncheon.

Photo, above: Dr. Fermin Carranza (left) receiving the Honorary Alumnus of the Year award from Dr. Henry Takai.

Opposite page: Dr. Greg Prince (left) receiving the Alumnus of the Year award from Dr. Bill Morgan.

In Memoriam

Mrs. Margaret (Peggy) Bloomfield



Long-time supporter of the UCLA School of Dentistry, Mrs. Margaret (Peggy) Bloomfield, passed away at the age of 91 on May 1, 2013. In addition to being a benefactor to so many not-for-profit organizations throughout Los Angeles, Peggy was a wonderful and kindhearted individual who was a friend to many.

Peggy's legacy with the School of Dentistry dates back several years to the mid-1980s when she and her late husband, Bill Bloomfield, Sr., contributed and raised the funds necessary to purchase and renovate the Venice Dental Center building. The couple, along with fellow UCLA alumni and Board of Counselor Members, Bob Wilson and Gerald Jennings, are responsible for establishing this valuable community dental clinic, which has been providing affordable quality dental care for more than 35 years.

In 2008, the Bloomfield and Wilson families joined efforts once again to fund and manage the creation of a dedicated seven-chair pediatric dentistry wing. This wing now serves as the home of a new community-based pediatric dentistry residency program, and provides much-needed care to the children of Venice and surrounding neighborhoods. Today, the Wilson-Jennings-Bloomfield UCLA Venice Dental Center conducts an average of 12,000 patient visits per year,

providing services in general dentistry, restorative dentistry, oral surgery, pediatrics, orthodontics, endodontics, and more.

In 2010, Peggy created the Bloomfield Family Geriatric Patient Care Fund to provide senior patients with financial assistance in offsetting the cost of oral healthcare services provided by the School of Dentistry. In addition, Peggy was committed to supporting the Apollonian Society annually and was a Founding Member.

Peggy is survived by her son, daughter, stepdaughter, eight grandchildren, and 17 great grandchildren. Her passing is a great loss to us all and she will be greatly missed.



Ground-breaking ceremony for the Pediatric Dentistry wing at the UCLA Venice Dental Center in 2007. From left to right: Dr. Jim Crall, Dean No-Hee Park, Peggy Bloomfield, Bob and Marion Wilson, and Dr. John Yamamoto.

The School of Dentistry also recognizes the following individuals who have passed away in the 2012-2013 fiscal year. These individuals have supported the School as an alumnus, faculty, donor, or friend. The School sends its condolences to their family and friends.

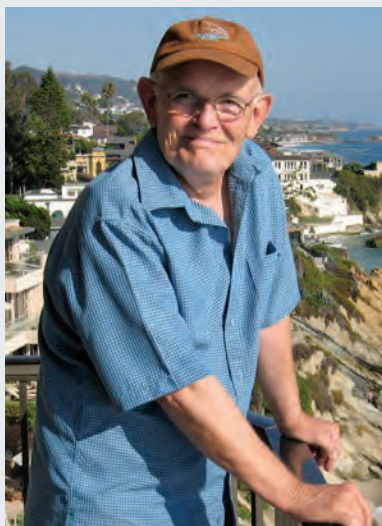
Nathan Golden
12/2/1922 - 10/25/2012

Barbara Y. Maida, PhD
5/11/1956 - 7/30/2012

Dennis G. Jacobson, DDS
8/9/1962 - 6/20/2012

Michael M. Wright, DDS
9/23/1940 - 9/8/2012

Douglas Junge, PhD



For more than 40 years, Dr. Douglas Junge was a devoted faculty member, a mentor, and a friend to many at UCLA and the School of Dentistry. Dr. Junge passed away on May 5, 2013, at the age of 75.

In addition to being an Assistant Professor of Oral Biology, Dr. Junge was an innovative researcher. His research spanned many topics in the field of health sciences, including the areas of taste, ionic single neurons, and mathematical models of neuron behavior. Moreover, he studied the neurophysiology of the human jaw muscle system – correlation of small tremor movements of the jaw and associated muscle electromyography signals. Towards the end of his academic career, he was working on developing a model of dorsal root ganglion neurons that could account for ion channel properties in neuropathic pain conditions.

Dr. Junge received his BS degree at the California Institute of Technology and earned his PhD degree in Physiology from UCLA during the 1960s. For the next two years, he was an Assistant Research Zoologist in the laboratory of Dr. Hagawari at the Scripps Institute of Oceanography, which is affiliated with the University of California, San Diego. He then joined the Section of Oral Biology at the School of Dentistry in 1967 as an Assistant Professor, where he devoted the next forty-one years to Oral Biology and UCLA. He officially retired on June 30, 2008, becoming a Professor Emeritus.

In addition to being an excellent academic, Dr. Junge was also a devoted husband and father. He is survived by his loving wife, Janice, and two children, Benjamin and Alexa.

Hugh Kopel, DDS, MS



Dr. Hugh Kopel, a long-time lecturer in the Section of Pediatric Dentistry, passed away on May 22, 2013, at the age of 94. Dr. Kopel joined the faculty at the UCLA School of Dentistry in 1995, and taught in both the pre- and post-doctoral programs.

Dr. Kopel received a BS degree from the University of Michigan, a DDS degree from the University of Detroit, and after serving in WWII, he received an MS degree in pediatric dentistry from the University of Michigan. After receiving his MS degree, he went on to start a private practice in Detroit. In 1950 he became the Director of Postgraduate Pediatric Dental Training at the University of Detroit and a Research Associate at the University of Michigan.

In 1967, Dr. Kopel moved to Los Angeles to take a similar position at the University of Southern California (USC) and continued in private practice. In 1989, he retired from USC as Professor Emeritus and six years later joined the School of Dentistry faculty in 1995. In addition to his teaching responsibilities, he authored numerous research publications in journals and books, in his primary fields of interest, which included the use of dental bonding agents in indirect and direct pulp capping, and the pharmacodynamics of conscious sedation in pediatric dentistry.

Dr. Kopel contributed heavily to the field of pediatric dentistry and will be missed by all who knew him. He was preceded in death by his wife of many years, Lillian, and is survived by two children and grandchildren.

Recognition 2012-2013

Full-Time Academic Members

Division of Advanced Prosthodontics

Benjamin Wu, Chair
Eric Sung, Vice Chair

Biomaterials Science

Min Lee, Assistant Professor
Benjamin Wu, Professor (*Chair*)

Hospital Dentistry

Evelyn Chung, Associate Clinical Professor
Eric Sung, Professor of Clinical Dentistry (*Chair*)

Removable Prosthodontics

Ting-Ling Chang, Clinical Professor (*Chair*)
Neal Garrett, Professor
James Kelly, Assistant Clinical Professor
Ronald Mito, Professor of Clinical Dentistry
Ichiro Nishimura, Professor
Takahiro Ogawa, Professor
Sil Park, Assistant Clinical Professor
Eleni Roumanas, Professor
Kumar C. Shah, Associate Clinical Professor

Division of Associated Clinical Specialties

Kang Ting, Chair

Endodontics

Wei Chen, Assistant Researcher
Nadia Chugal, Clinical Professor
Mo K. Kang, Professor (*Chair*)
Shane White, Professor

Orthodontics

Christine Hong, Assistant Professor
Jia Jian, Visiting Assistant Researcher
Kiho Lee, Assistant Clinical Professor
Won Moon, Assistant Clinical Professor
Kang Ting, Professor (*Chair*)
Xinli Zhang, Associate Adjunct Professor

Zhong Zheng, Assistant Adjunct Professor

Pediatric Dentistry

Donna Henley-Jackson, Assistant Professor (*On-leave*)
Clarice Law, Associate Clinical Professor
Chanel McCreedy, Assistant Clinical Professor
Francisco Ramos-Gomez, Professor
Daniela Silva, Associate Clinical Professor (*Chair*)

Periodontics

Paulo Camargo, Professor (*Chair*)
Perry Klokkevold, Associate Professor
Flavia Pirih, Assistant Professor

Division of Diagnostic & Surgical Sciences

Earl Freymiller, Chair

No-Hee Park, Dean & Distinguished Professor

Anesthesiology

Steven Ganzberg, Clinical Professor (*Chair*)
Christine Quinn, Clinical Professor

Oral & Maxillofacial Pathology

Russell Christensen, Associate Professor (*Chair*)
Yi-Ling Lin, Asst. Professor

Oral & Maxillofacial Radiology

Sanjay Mallya, Assistant Professor
Sotirios Tetradis, Professor (*Chair*)

Oral & Maxillofacial Surgery

Tara Aghaloo, Associate Professor
Alan Felsenfeld, Professor of Clinical Dentistry
Earl Freymiller, Clinical Professor (*Chair*)
Vivek Shetty, Professor

Division of Oral Biology & Medicine

Cun-Yu Wang, Chair
Fariba Younai, Vice Chair

Oral Biology

Francesco Chiappelli, Professor
Robert Chiu, Professor
Xuesong He, Assistant Adjunct Professor
Dean Ho, Professor
Shen Hu, Associate Professor
Anahid Jewett, Professor
Yong Kim, Associate Adjunct Professor
Jiong Li, Assistant Adjunct Professor
Renate Lux, Associate Professor in Residence
Kenneth Miyasaki, Associate Professor
Hongwei Pan, Visiting Assistant Researcher
Wenyuan Shi, Professor (*Chair*)
Ki-Hyuk Shin, Associate Adjunct Professor
Bhumika Shokeen, Visiting Assistant Researcher
Igor Spigelman, Professor
Cun Yu Wang, Professor
Fang Wei, Assistant Adjunct Professor
David Wong, Professor
Lei Zhang, Assistant Researcher

Oral Medicine & Orofacial Pain

Carol Bibb, Clinical Professor
Robert Merrill, Clinical Professor
Diana Messadi, Professor (*Chair*)
Andrew Pullinger, Professor
Craig Woods, Academic Administrator/Adjunct Professor
Fariba Younai, Professor of Clinical Dentistry

Division of Public Health & Community Dentistry

Jim Crall, Chair

Kathryn Atchison, Professor
Ian Coulter, Professor
James Crall, Professor
Jennifer Holtzman, Assistant Researcher
Honghu Liu, Professor
Carl Maida, Adjunct Professor
Nancy Reifel, Assistant Professor
Vladimir Spolsky, Associate Professor

Division of Restorative Dentistry

Richard Stevenson, Chair
Edmond Hewlett, Vice Chair

Min Chung, Assistant Clinical Professor
Edmond Hewlett, Professor
Reuben Kim, Assistant Professor
James Lim, Assistant Professor
Edward McLaren, Clinical Professor
William Morgan, Clinical Professor
Todd Schoenbaum, Assistant Clinical Professor
Richard Stevenson, Professor of Clinical Dentistry
Yair Whiteman, Lecturer

Wilson-Jennings-Bloomfield UCLA Venice Dental Center

Lillian Cheng, Chair

Lillian Cheng, Associate Clinical Professor
Colby Smith, Assistant Clinical Professor

Part-Time & Volunteer Faculty

Division of Advanced Prosthodontics

Biomaterials Science

Brian Williams, Lecturer
Robert Wylie, Lecturer

Hospital Dentistry

William Chen, Lecturer
David Ciraulo, Lecturer
Terrie Debord, Lecturer
Tracy Golden, Lecturer
Veronica Greene, Adjunct Assistant Professor
Ken Harada, Lecturer
Brian Huang, Lecturer
Katsumi Kawakami, Adjunct Assistant Professor
Kimberly Klein, Lecturer
Kathy Nuckles, Lecturer
Amanda Okundaye, Lecturer
Kelly Pierson, Lecturer
Kari Lyn Sakurai, Lecturer
Bradley Seto, Lecturer
Diana Zscheschel, Lecturer

Removable Prosthodontics

Tarek Abdelhalim, Lecturer
Melody Balobalo, Lecturer
Edward L. Baxley, Lecturer
John Beumer, Professor (*Recalled*)
Frank Brajevic, Lecturer
Tony Daher, Lecturer
Aria Davodi, Lecturer
Randy Diener, Lecturer
Avigdor Donitza, Lecturer
Robert Duell, Lecturer
Moustafa El-Ghareeb, Associate Clinical Professor
Robert Faulkner, Lecturer
Adam Geach, Lecturer
Benjamin Geller, Lecturer
Niki Ghaem-Maghami, Lecturer
Michael Hamada, Lecturer
Marc Hayashi, Lecturer
Andrea Henderson, Lecturer
Mita Jethwani, Lecturer
Rajita Kanuru, Assistant Researcher
Shadrouz Kianouri, Lecturer
Ronald Koslowski, Lecturer
Madeline Kurrasch, Lecturer
Jane Kwon, Lecturer
Thomas K. Lee, Lecturer
Michael Lum, Lecturer
Lance Mason, Lecturer
Luong Nguyen, Lecturer
William Pagan, Lecturer
Shahriar Parvizpour, Lecturer
George Perri, Lecturer
Khoi Phan, Lecturer
Maria Rodriguez, Lecturer

Donald Salk, Lecturer
John Snowden, Lecturer
Pooneh Soltani, Lecturer
John Song, Lecturer
B. Chia Soo, Lecturer
James Stevens, Lecturer
Judith Strutz, Lecturer
Anahita Tajbakhsh, Lecturer
David Tajima, Lecturer
Ryan Wallace, Lecturer
Eric Yamaura, Lecturer
Stacy Yu, Lecturer

Division of Associated Clinical Specialties

Endodontics

Ji Baag, Lecturer
Ron Bell, Lecturer
David Berrios, Lecturer
Giselle Betsler, Lecturer
Stephen Buchanan, Lecturer
John Buoncristiani, Lecturer
Irene Chang, Lecturer
James Chen, Lecturer
Otis Chong, Lecturer
Christine Chung, Lecturer
Maziyar Ebrahimi, Lecturer
Farshid Fahid, Lecturer
Stephen Ferraro, Lecturer
Rostam Forooghi, Lecturer
Jason Gee, Lecturer
Anthony Guerrero, Lecturer
Alexander Hakim, Lecturer
David Han, Lecturer
Angela Hsiao, Lecturer
Grace Hsiao, Lecturer
Valerie Kanter, Lecturer
Kourosh Keikhanzadeh, Lecturer
Bernice Ko, Lecturer
Gregory Kolber, Lecturer
David Li, Lecturer
Jung Lim, Assistant Clinical Professor
Gerald Longhurst, Clinical Professor
Clark Martin, Lecturer
Charles Maupin, Lecturer
Betsy Newman, Lecturer
Amanda Ngan, Lecturer
Trang Nguyen, Lecturer
Donald Nuwey, Lecturer
Josanne O'Dell, Lecturer
Jenessa Oo, Lecturer
Tushar Patel, Lecturer
David Pokras, Lecturer
Anthony Potente, Lecturer
Richard Rauth, Lecturer
Bradley Seto, Lecturer
Brandon Seto, Lecturer
Kristina Shagramanova, Lecturer
Arya Tehrani, Lecturer

Kenneth Trabert, Clinical Associate Professor
Fred Tsutsui, Lecturer
Fanny Yacaman-Vidjak, Lecturer
Yigal Zibari, Lecturer

Orthodontics

Kati Asgarifar, Lecturer
Marc Ausubel, Lecturer
Thomas Bales, Lecturer
Bradley Baum, Lecturer
Robert Bergman, Lecturer
Donna Eteson, Lecturer
Vacharee Fell, Lecturer
Glenn Frial, Lecturer
Richard Grossman, Lecturer
Barney Hom, Lecturer
Richard Jacobson, Lecturer
Peter Jeon, Lecturer
John Jones, Lecturer
Reena Khullar, Lecturer
Gary Lau, Lecturer
Hao-Fu Lee, Adjunct Assistant Professor
Eric Loberg, Lecturer
Raymond Lubberts, Lecturer
Luis Martinez, Lecturer
Martin Martz, Lecturer
Elizabeth McNabb, Lecturer
Aaron Molen, Lecturer
James Mulick, Lecturer
Philip M. Nisco, Lecturer
Elana Norman, Lecturer
Jason Pair, Lecturer
Leon Rossman, Lecturer
Donald Salem, Lecturer
Julian Singer, Lecturer
Manisha Sisodia, Lecturer
Gregory Sue, Lecturer
Claudia Torok, Lecturer
Ronald Wolf, Lecturer
Shaul Yehezkel, Lecturer

Pediatric Dentistry

Yazdan Alami, Lecturer
David Arnold, Lecturer
Marc Auerbach, Lecturer
Nazanine Barcohana, Lecturer
Ruth Becker-Harnack, Lecturer
Stephen Blain, Clinical Professor (*Recalled*)
Jeffrey Brownstein, Lecturer
Marshall Chey, Lecturer
David Chin, Lecturer
Eunha Cho, Lecturer
J. Patrick Davis, Lecturer
Anna Lynn DeGuzman, Lecturer
Donald Duperon, Professor (*Recalled*)
Bozhena Fisher, Lecturer
Setareh Ghafouri, Lecturer
Kenneth Greenstadt, Lecturer

Kathryn Hawn, Lecturer
Adrienne Hecht, Lecturer
Scott Jacks, Lecturer
Shukan Kanuga, Lecturer
Michelle Kelman, Lecturer
Alice Kim-Bundy, Lecturer
Michael Kleinman, Lecturer
Hugh Kopel, Lecturer (*In Memoriam*)
Leslie Latner, Lecturer
Dora Lee, Lecturer
Yvonne Lee, Lecturer
Lorraine Lin, Lecturer
Albert Liu, Lecturer
Phillip Liu, Lecturer
Carrie Loewen, Lecturer
Oariona Lowe, Lecturer
Michael McCartney, Lecturer
Indulal Nagrecha, Lecturer
Scott Ngai, Lecturer
Daniel Nobel, Lecturer
Dorothy Osman, Lecturer
Jac Pedersen, Lecturer
Ana Planells, Lecturer
Corina Ramirez, Lecturer
Hila Robbins, Adjunct Assistant Professor
Arminda Robles, Lecturer
Robert Ruby, Lecturer
Elena Rumack, Lecturer
Conrad Sack, Lecturer
Deyanira Sanchez, Lecturer
Heddie Sedano, Lecturer
Amit Shah, Lecturer
Mary Shannon, Lecturer
Justin Shuffer, Lecturer
Edward Surger, Lecturer
Philip Trask, Lecturer
Kenneth Troutman, Clinical Professor (*Recalled*)
Patricia Turley, Lecturer
Robert Virata, Lecturer
Sonia Warren, Lecturer
Michelle Wild, Lecturer
Samuel Wu, Lecturer
James Yee, Lecturer
Audrey Yoon, Lecturer
William Zanger, Lecturer

Pediatric Dentistry/San Diego

Crystal Angelopoulos, Lecturer
Natasha Brambila-Braga, Lecturer
Ronald Champion, Lecturer
Stephen Dickins, Lecturer
Robert Jacob, Lecturer
Barbara Kabes, Lecturer
Donna Kritz-Silverstein, Adjunct Professor
Guy Lichty, Lecturer
John Neves, Lecturer
Todd Pacofsky, Lecturer

Shina Patel, Lecturer
Mitchell Poiset, Lecturer
Parvathi Pokala, Lecturer
William Rawlings, Lecturer
Oscar Rivera, Lecturer
Brian Rooney, Lecturer
Jossein Shahangian, Lecturer
Nora Tleel, Adjunct Professor

Periodontics

Aracely Aguiar, Lecturer
Sarvenaz Angha, Lecturer
Tricia Bato, Lecturer
Jaime Bulkacz, Lecturer
Mario Caballero, Lecturer
Paul Campbell, Lecturer
Dana Carlton, Lecturer
Cynthia Chambers, Lecturer
Leshin Chen, Lecturer
Sam Chui, Lecturer
Carmen Dones, Lecturer
Janine Dunn, Lecturer
Jean-Jacques Elbaz, Lecturer
Natalie Ferrigno, Lecturer
Jun Flores, Lecturer
Sam Gilani, Lecturer
Natasha Golian-Yashar, Lecturer
Rodica Grasu, Lecturer
Gary Green, Lecturer
Martyn Green, Lecturer
Marc Gross, Lecturer
Thomas Han, Adjunct Professor
Rebecca Hart, Lecturer
Eva Hogan, Lecturer
Duke Huang, Lecturer
David Jolkovsky, Lecturer
Robert Jones, Lecturer
Lisa Kamibayashi, Lecturer
David Kao, Lecturer
E. Barrie Kenney, Professor
(Recalled)

Natasha Kerllenevich, Lecturer
Jin Yeop Kim, Lecturer
Gary Kitazawa, Lecturer
Rodrigo Lagos, Lecturer
Donna Lee Lawrence, Lecturer
Claudia Lemus Duarte, Lecturer
Stephen Levine, Lecturer
Mark Lieberman, Lecturer
Shen Ling, Lecturer
Arvinder Malik, Lecturer
Aida Matian, Lecturer
Philip Melnick, Lecturer
Robert Merin, Lecturer
Jennifer Merritt, Lecturer
Cheng Miao, Lecturer
Richard Nagy, Lecturer
Christopher Nucho, Lecturer
Joy Ogami, Lecturer
Joan Otomo-Corgel, Associate
Clinical Professor
Gordon Pattison, Lecturer
Jeffrey Pucher, Lecturer
Ricardo Raschkovsky, Lecturer
Mark Redd, Lecturer
Michael Robertson, Lecturer
Afshin Salamati, Lecturer
Frank Satinover, Lecturer
Sandra Schneiderwind, Lecturer
Carlos Sermenio, Lecturer
Sahar Shafi, Lecturer
Talia Shainhouse, Lecturer

Thomas Sims, Lecturer
Jay Sison, Lecturer
Peiman Soleymani, Lecturer
Toni Susskind, Lecturer
Anat Tadir, Lecturer
Henry Takei, Clinical Professor
Daraporn Tanpattana, Lecturer
Deborah Termeie, Lecturer
Larry Tuan, Lecturer
Idalia Velasco, Lecturer
Sahar Verdi, Lecturer
Hongnga Vo, Lecturer
Alfred Weinstock, Adjunct
Professor
Michael Whang, Lecturer
Todd Yamada, Lecturer
Nelson Yen, Lecturer
Charles Zahedi, Lecturer

Division of Diagnostic & Surgical Sciences

Mengtao Li, Adjunct
Assistant Professor

Anesthesiology

Andreia Minasian, Lecturer
Leonard Naftalin, Lecturer

Oral & Maxillofacial Pathology

Hope Wettan, Lecturer

Oral & Maxillofacial Radiology

Jonathan Armstrong,
Assistant Researcher
Gilbert Kwong, Lecturer
Clara Magyar, Assistant
Researcher
Emily Mangohig-Wenzel,
Lecturer
Legiang Nguyen, Lecturer
Tin Hoang Nguyen, Lecturer
Elizabeth Pollak, Lecturer
Michelle Rappeport, Lecturer
Elbert Tom, Lecturer
Stuart White, Professor (Recalled)
Raphael Yeung, Lecturer

Oral & Maxillofacial Surgery

Oscar Alonzo, Lecturer
William Arnett, Lecturer
Gabriel Aslanian, Lecturer
Ralph Buoncristiani, Lecturer
Colonya Calhoun, Lecturer
Tina Chang, Lecturer
Daniel Cullum, Lecturer
Moustafa El-Ghareeb, Associate
Clinical Professor
Steven Flesch, Lecturer
Arthur Friedlander, Professor-
in-Residence
Gabriel Gabbaypour, Lecturer
Douglas Galen, Lecturer
Gerald Gelfand, Lecturer
Harold Hargis, Clinical Professor
(Recalled)
James Jensvold, Lecturer
Nora Kahenasa, Lecturer
Linda Kawahara, Lecturer
Apel Keuroghlian, Lecturer
Eric Kim, Lecturer

Steven Kupferman, Lecturer
Ahn Le, Adjunct Assistant
Professor
Richard Leathers, Adjunct
Assistant Professor
Yau-Shi Lin, Lecturer
Azizollah Maghen, Lecturer
Joseph McQuirter, Adjunct
Assistant Professor
Steven Meltzner, Lecturer
Alexei Mizin, Lecturer
Peter Moy, Professor of Clinical
Dentistry
Howard Park, Lecturer
Keith Radack, Lecturer
Sanford Ratner, Lecturer
Robert Relle, Lecturer
Frederick Rutherford, Adjunct
Assistant Professor
David Salehani, Lecturer
Jerold Schneider, Lecturer
Harry Schwartz, Adjunct
Professor
Ramin Shabtaie, Lecturer
Donald Sze, Lecturer
Gabriella Tehrani, Lecturer
Richard Ting, Lecturer
Gregory Urfrig, Lecturer
Nicolas Veaco, Lecturer
An Vuong, Lecturer
Benjamin Walline, Lecturer
Monty Wilson, Lecturer
Mellissa Withers, Assistant
Researcher
Mark Yafai, Lecturer
Ronald Yueh, Lecturer

Division of Oral Biology & Medicine

Oral Biology

Mian Guo, Visiting Assistant
Researcher
Shuai Le, Visiting Assistant
Researcher
Gregory Prince, Adjunct
Professor
Jay Sison, Lecturer
Eric Tang, Assistant Researcher
Ting-Ting Wu, Adjunct Assistant
Professor

Oral Medicine & Orofacial Pain

Sherwin Arman, Lecturer
Dennis Bailey, Lecturer
Dan Botoaca, Lecturer
Feridey Carr, Lecturer
Marisa Chang, Lecturer
Joseph Cohen, Adjunct
Assistant Professor
Cynthia Diep, Lecturer
Jacob Fleischmann, Clinical
Professor
Ed Fort, Lecturer
Donald Goodman, Lecturer
Steven Graff-Radford, Adjunct
Professor
Paul Grin, Lecturer
Richard Hirschinger, Lecturer
Bernadette Jaeger, Adjunct
Associate Professor

Hyung T. Kim, Lecturer
Shanna Kim, Lecturer
Wesley King, Lecturer
Ivan Lapidus, Lecturer
Changrui Liu, Academic
Administrator
Kenneth Moore, Lecturer
Vazrick Navasartian, Lecturer
Alan Newman, Lecturer
Kataydun Omrani, Lecturer
Manisha Ramchandani, Lecturer/
Assistant Researcher
Michelle Rappeport, Lecturer
John Reeves, Adjunct Professor
Jeffrey Rosenberg, Lecturer
Michael Simmons, Lecturer
Lan Su, Lecturer
Tracey Tajima, Lecturer
Helen Torabzadeh, Lecturer
Maurice Vahedifar, Lecturer
Mandeep Vermani, Lecturer
Douglas Wall, Lecturer
Chonghao Zhao, Lecturer

Division of Public Health & Community Dentistry

Charles Alexander, Adjunct
Associate Professor
Jorge Alvarez, Lecturer
Robin Flint, Lecturer
Benjamin Freed, Lecturer
Jeffrey Goldstein, Adjunct
Assistant Professor
Barry Josselson, Lecturer
Karen Lefever, Lecturer
Marvin Marcus, Professor
(Recalled)
Philip Pierce, Lecturer
Nadereh Pourat, Adjunct Professor
James Stewart, Adjunct Professor
John Yamamoto, Adjunct
Assistant Professor

Division of Restorative Dentistry

Fariba Ahmadzadeh, Lecturer
Rana Al-Rasheed, Lecturer
Sarvenaz Angha, Lecturer
Paul Avolese, Lecturer
Katia Behrooz Aghdam, Lecturer
Payam Behroozan, Lecturer
Naomi Bement, Lecturer
Farinaz Bokhour, Lecturer
Esteban Bonilla, Lecturer/
Assistant Researcher
Varo Boyer, Lecturer
Brett Brazeal, Lecturer
James Callahan, Lecturer
Michael Capio, Lecturer
Chris Cerceo, Lecturer
Gregory Clibon, Lecturer
Joseph Cooney, Clinical Professor
(Recalled)
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