38th Annual USC International Periodontal and Implant Symposium

Symposium Theme

Good Time, Bad Time

Millennium Biltmore Hotel Los Angeles

General Sessions: Friday - Saturday, January 25 - 26, 2013
Dental Hygiene Forum: Saturday, January 26, 2013
Dental Hygiene Hands-On Workshop: Saturday, January 26, 2013

Ostrow School of Dentistry of USC

Hands-On & Cadaver Workshop II: Thursday, January 24, 2013
Welcome

Dear colleagues and friends:

We are pleased to invite you to attend the 38th International USC Periodontal & Implant Symposium. The theme of this year’s symposium will be: “Good time, bad time”. The concept behind the theme is that both positive and negative outcomes can provide educational opportunities to understand the validity of diagnostics, therapeutic techniques, protocols, material and timing. A panel of internationally renowned experts will present both positive and negative outcomes to discuss and debate the biological and clinical significances of those outcomes. The program boasts five days with a diverse range of educational opportunities. In addition to the two-days of general sessions, there are four all-day programs with hands-on workshops on models and cadavers. Although the majority of the general-session presentations are interdisciplinary in nature, there are also sessions designated as “Surgical Track”, “Restorative Track” and “Dental Hygiene Forum” that focus on specific disciplines. The program is sure to inspire you and provide material, which are very germane to clinical practice. This is an educational opportunity not to be missed by the entire oral healthcare team, including specialists, restorative dentists, dental hygienists and dental technologists.

We hope to see you all in Los Angeles in January 2013.

Homayoun Zadeh, DDS, PhD
Symposium Chair and Moderator
### Program-At-A-Glance

**Hands-On Cadaver Workshop (Wednesday, January 23, 2013 - Ostrow School of Dentistry of USC)**

8:00 am - 5:00 pm  
Cadaver Workshop #1: Micro- and macro-surgery VISTA for soft tissue augmentation around teeth and implants (Homa Zadeh & Masana Suzuki)

**Hands-On Cadaver Workshop (Thursday, January 24, 2013 - Ostrow School of Dentistry of USC)**

8:00 am - 5:00 pm  
Cadaver Workshop #2: Avoiding and managing complications in maxillary sinus augmentation surgery (Steve Wallace)

### General Sessions (Friday, January 25, 2013 - Millennium Biltmore Hotel Crystal Ballroom)

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>8:00 am</td>
<td>Registration &amp; Continental Breakfast</td>
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<tr>
<td>8:45 am</td>
<td>Welcoming Remarks (Homayoun Zadeh &amp; Avishai Sadan)</td>
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<td>9:00 am</td>
<td>Niklaus Lang (Keynote Speaker)</td>
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<td>9:50 am</td>
<td>Joseph Kan</td>
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<td>11:10 am</td>
<td>Brahmi Miller &amp; Sonia Leziy</td>
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<tr>
<td>12:30 pm</td>
<td>Round table interactive session with experts</td>
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<td>Lunch</td>
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### Surgical Track - Crystal Ballroom

**Session: Augmentation of Maxillary Sinus and Alveolar Ridge**

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<tr>
<td>2:00 pm</td>
<td>Stephen Wallace</td>
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<tr>
<td>2:45 pm</td>
<td>Bach Le</td>
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<td>3:30 pm</td>
<td>Coffee Break</td>
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<tr>
<td>4:00 pm</td>
<td>Michael Block</td>
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<td>5:00 pm-7:00 pm</td>
<td>Cocktail Reception</td>
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### Restorative Track - Tiffany Ballroom

**Session: Technology & Digital Dentistry**

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<td>Jin-Ho Phark</td>
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<td>Pascal Magne</td>
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<td>Pascal Magne</td>
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### General Sessions - Crystal Ballroom (Saturday, January 26, 2013)

**Session: Esthetic and Implants**

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<tr>
<td>8:00 am</td>
<td>Hitoshi Minagawa</td>
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<td>8:30 am</td>
<td>Stephen Chu</td>
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<td>9:20 am</td>
<td>Ronald Jung</td>
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<td>Coffee Break</td>
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<td>10:40 am</td>
<td>Maurice Salama</td>
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<td>11:30 am</td>
<td>Round table interactive session with experts</td>
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**Session: Interdisciplinary Therapy**

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<td>Seonghun Kim</td>
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<td>Chris Chang</td>
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<td>Winston Chee</td>
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<td>Ronald Jung</td>
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### Dental Hygiene Forum - Tiffany Ballroom (Saturday, January 26, 2013)

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<td>Coffee Break</td>
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<td>10:40 am</td>
<td>Stefan Bughi &amp; Stephanie Bughi</td>
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<td>12:00 pm</td>
<td>Lunch</td>
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<td>1:40 pm</td>
<td>Charles Braga</td>
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<td>2:20 pm</td>
<td>Kristy James</td>
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<td>3:00 pm</td>
<td>Coffee Break</td>
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<td>3:30 pm-5:30 pm</td>
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<td>5:00 pm</td>
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**Hands-On & Cadaver Workshop (Sunday, January 27, 2013 - Ostrow School of Dentistry of USC)**

8:00 am - 5:00 pm  
Cadaver Workshop #3: GBR for Alveolar Ridge Augmentation (Bach Le)
Facts and fiction about immediate implant placement - A critical appraisal

In recent years, shorter treatment times from the time of tooth loss to the replacement of teeth with prosthetic appliances on osseointegrated implants have been promoted by many clinicians. The valid paradigms hitherto required 3-4 months of healing time for tissue integration of the implants after allowing an adequate healing period for the consolidation of an extraction socket. Together with the prosthetic treatment a patient frequently had to wait for up to one year until a lost tooth was replaced. During the last decade treatment strategies were developed to substantially shorten these periods. The immediate (Type 1) placement of implants into extraction sockets concomitantly with a transmucosal healing of the peri-implant tissue requires careful tissue management, conservative extraction and flap elevation, tight adaptation of barrier membranes, tight flap adaptation of the soft tissues and meticulous plaque control during healing. Studies have documented that immediate implant placement, even in a transmucosal modality, yields equally high success rates as conventionally placed implants. However, owing to the resorption of the bundle bone following tooth extraction, buccal dehiscences are a common finding resulting in unsatisfactory esthetic outcomes. The dimensional changes of the alveolar ridge after tooth extraction lead to a novel way of decision making for the reconstruction of implant-supported teeth in the area of esthetic priority. Compensatory measures in positioning the implant may help reduce the extent of buccal dehiscences. In areas of aesthetic priority, the routine early rather than immediate implant placement has to be preferred. The presentation presents the evidence for these novel concepts in implant dentistry.
Speakers

Michael Block, DMD (USA)
Dr. Block graduated from the Univ. of Rochester, attaining both a BA in Biology and a BS in Biomedical Engineering. He completed his dental training at the Harvard School of Dental Medicine, and received his DMD. cum laude. He completed his residency program in Oral and Maxillofacial Surgery at the LSU School of Dentistry and achieved the academic rank of Professor in the Dept. of Oral and Maxillofacial Surgery. Dr. Block is the editor-in-chief of four textbooks on dental implants. He is Past President of the Academy of Osseointegration, and has been program chairman for their annual programs. He serves on the American Association of Oral and Maxillofacial Surgeons Committee on Continuing Education. He is a Section Editor on Dental Implants for the Journal of Oral and Maxillofacial Surgery.
Topic: Surgical management of patients with compromised soft and hard tissues in the esthetic zone

Charles R. Braga, DMD, MMSc (USA)
Dr. Braga graduated magna cum laude from the Harvard School of Dental Medicine. He completed his residency program in Periodontics at Harvard, earning his Master of Medical Sciences Degree magna cum laude. He is an elected member of the Omicron Kappa Upsilon National Dental Honor Society, Alpha Omega, and the American Academy of Periodontology. During his residency, he was a clinical instructor in Periodontology for Harvard University’s International Program in Dentistry. He is a certified instructor at The Institute for Advanced Laser Dentistry.

Stefan Bughi, MD, MACM, AFBD (USA)
Dr. Bughi is Clinical Associate Professor of Medicine at the Keck School of Medicine of USC. He is Board Certified in Internal Medicine and Metabolism & Endocrinology. He works as physician specialist at RLANRC, where he is the Chair of the Graduate Medical Education, and a member of the Physician Well-Being Committee. He is also a Fellow of the American Institute of Stress. His research interests are: endocrinology of stress; stress and medical profession.
Topic: Dental Hygiene Forum: Interventions to maintain and restore health: Steps to improve wellness and patient safety

Stephanie A. Bughi, MS (USA)
Stephanie is a third-year doctoral student at A.T. Still Univ. where she is studying Global Health. Her academic background includes two degrees from the University of Southern California, a master’s in Global Medicine and a bachelor’s in Health Promotion and Disease Prevention. Over the last ten years, she has explored and presented studies on stress and human health, both at national and international levels. Currently, she is studying healthcare provider well-being.
Topic: Dental Hygiene Forum: Interventions to maintain and restore health: Steps to improve wellness and patient safety

Chris H. Chang, DDS., PhD. (TAIWAN)
Dr. Chang received his PhD in bone physiology and Certificate in Orthodontics from Indiana Univ. Dr. Chang is a Diplomate of American Board of Orthodontics. He is author of iAOI workbook, ABO Case Reports, 3D iBooks Ortho, Jobsology and publisher of International Journal of Orthodontics and Implantology(iJOI). He also founded Newton’s A, Inc. and Beethoven Orthodontic Group in Taiwan and produces a podcast series, Podcast Encyclopedia in Orthodontics, and the first 3D interactive orthodontic ebook, 3D iBooks Ortho, as innovative E-learning tools. He has been actively involved in the design of orthodontic bone screws and application on impaction treatment. His latest focus is implant and orthodontic combined treatment.
Topic: Thinking process for ortho-implant combined treatment

Winston WL. Chee, DDS, FACP (USA)
Dr. Chee is a Diplomate of the American Board of Prosthodontics. He is the Ralph W. and Jean L. Bleak Professor of Restorative Dentistry at the Ostrow School of Dentistry of the Univ. of Southern California where he serves as the Director Implant Dentistry and Co- Director of the Advanced Prosthodontics Program. He has published over 90 articles in peer reviewed journals on the subjects of Dental Materials and Implant Dentistry, a book on treatment planning implant supported restorations and lectured internationally on those subjects.
Topic: Implants in the wrong position will always integrate
**Stephen J. Chu, DMD, MSD, CDT, MDT (USA)**

Dr. Chu is Clinical Associate Professor at the Dept. of Prosthodontics, and Director of Esthetic Education at Columbia Univ. College of Dental Medicine. He also maintains a private practice in fixed prosthodontics in New York City. Dr. Chu has published 3 textbooks, 5 chapters, over 30 articles, and has given over 100 lectures nationally and internationally on the subjects of esthetic, restorative, and implant dentistry. Dr. Chu is on the editorial board of several peer-reviewed journals.

**Topic:** The dual-zone therapeutic concept of managing immediate implant placement and provisional restoration in anterior extraction sockets

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**Maria Galvan, DDS (USA)**

Dr. Galvan completed her dental education at the Univ. Complutense of Madrid (Spain). She received her DDS degree in 2010 and is currently a post-doctoral periodontology resident at USC expected to complete the periodontology and master of science in Craniofacial Biology in May 2013. Her research interests include perimplant diseases and the microbiological effects of periodontal therapy with sodium hypochlorite solution. Dr. Galvan currently serves as an instructor in predoctoral periodontology at USC. She is a member of American Academy of Periodontology, Academy of Osseointegration, and the Spanish Society of Periodontology. Dr. Galvan has been awarded two scholarships from Proclinic laboratories and Crystalfarma in recognition of her excellent academic achievements.

**Topic:** Dental Hygiene Forum: Peri Implant diseases, Innovation is going back to principles

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**Ronald Jung, DMD (SWITZERLAND)**

Dr. Jung is trained in oral surgery, prosthodontics and implant therapy. He is currently Vice Chairman of the Dept. of Fixed & Removable Prosthodontics and Dental Material Sciences at the Univ. of Zurich in Switzerland (Chairman: Prof. Dr. Ch Hämerle). In 2006 he worked as Visiting Associate Professor at the Dept. of Periodontics at the University of Texas Heath Science Center at San Antonio, USA (Chairman: Prof. Dr. D. Cochran). 2008 he finalized his “Habilitation” (venia legendi) in dental medicine and was appointed associate professor at the Univ. of Zürich. In 2011 he received his PhD doctorate degree of the Univ. of Amsterdam, ACTA dental school, The Netherlands.

**Topic 1:** Ridge preservation after tooth extraction: when, whereby and do we need it?

**Topic 2:** Implant prosthetics and abutments: make the right decisions

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**Joseph Kan, DDS, MS (USA)**

Dr. Kan completed Prosthodontics and Implant Dentistry from Loma Linda University School of Dentistry. He is a Professor and maintains a private practice. Dr. Kan is on the Editorial Board of the International Journal of Periodontics and Restorative Dentistry, and the European Journal of Esthetic Dentistry. His honors include the Best Research Award from the Academy of Osseointegration 1997, and the Judson Hinckey Award from the Journal of Prosthetic Dentistry 2003.

**Topic:** Inter-implants papilla management in the esthetics zone

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**Seong-Hun Kim, DMD, MSD, PhD (SOUTH KOREA)**

Dr. Kim is Associate Professor and chairman for the Dept. of Orthodontics at School of Dentistry of Kyung Hee Univ. and Director, Kyung Hee International Facial Orthodontic Research Institute. He is also a visiting assistant professor of the Div. of Orthodontics, Dept. of Orofacial Sciences at Univ. of California, San Francisco. He obtained PhD in Dept. of Orthodontics, School of Dentistry at the Seoul National Univ, Seoul, Korea. He is currently the Editor of Clinical Affair in the Korean Journal of Orthodontics (SCIE journal), member of World Federation of Orthodontists and Korean Society of Speedy Orthodontics. Dr. Kim has lectured and published nationally and internationally on temporary skeletal anchorage devices (miniimplant and miniplate) and corticotomy related orthodontics and he is the author of five international text books and over 120 international and domestic scientific articles about this topic.

**Topic:** New advances in corticotomy-assisted T(s)AD orthodontics

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**Kristy James, RDH (USA)**

Kristy graduated from Yakima Valley Community College of Dental Hygiene in 2003. She became Laser Certified in 2008 and has been using lasers extensively in clinical practice. She resides in Richland, Washington and has gained vast experience as a clinician working in a wide range of dental offices throughout Eastern Washington.

**Topic:** Dental Hygiene Forum: Diode lasers: Every day every patient
**Brahm A. Miller, DDS, MSc, Dipl Pros, FCDS(BC), FRCD(C) (CANADA)**
Dr. Miller received his dental degree from McGill University. He completed his post-graduate certification at the Medical College of Virginia in 1994. He is a fellow of the Royal College of Dentists of Canada, the ICOI, the Canadian Academy of Periodontology, the American Academy of Periodontology, and a past president of the British Columbia Society of Periodontists. He is an associate clinical professor and lecturer at the Univ. of British Columbia and is a founder and co-mentor of several study groups in the Vancouver area. Dr. Leziy is author of several published papers on implant esthetics and guided surgery.

**Topic:** New paths for the treatment of the esthetic zone with implants

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**Pascal Magne, Dr. Med Dent, MSc, PhD (USA)**
Dr. Magne obtained his B.Sc. (Switzerland) then moved to Geneva where he specialized in Prosthodontics and Operative Dentistry (D.M.D., M.Sc.). He received his Ph.D. degree in 2002 and served as Senior Lecturer from 1999 to 2004. Awarded with major grants by the Swiss Science Foundation, the Swiss Foundation for Medical-Biological Grants, and the International Association for Dental Research, he spent two years as a full-time research scholar in Biomaterials and Biomechanics at the Univ. of Minnesota. Since February 2004, he became Tenured Associate Professor at USC where he received the endowed Chair of Esthetic Dentistry, the Don and Sybil Harrington Foundation Professor of Esthetic Dentistry. He is the author of the bestseller textbook "Bonded Porcelain Restorations" (Quintessence Publishing, 2002 - translated in 12 languages) as well as clinical and research articles on esthetics and adhesive dentistry and is frequently invited to lecture on these topics.

**Topic:** Restorative dentistry of the future: Less is more

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**Brahm A. Miller, DDS, MSc, Dipl Pros, FCDS(BC), FRCD(C) (CANADA)**
Dr. Miller received his dental degree from McGill University. He completed his post-graduate prosthodontics certification at the Medical College of Virginia in 1994. He is a fellow of the Royal College of Dentists of Canada, a member of the Association of Prosthodontists of Canada, a member of the British Columbia Society of Prosthodontists, a fellow of the International Congress of Oral Implantologists, a fellow of the Canadians Academy of Restorative Dentistry and Prosthodontists and past president of the British Columbia Society of Prosthodontists. Dr. Miller is an associate clinical professor and sessional lecturer at the Univ. of British Columbia. He also co-mentors the Vancouver Prosthodontic, Periodontic and Implant Study Group Seminars and the Coast Study Club.

**Topic:** New paths for the treatment of the esthetic zone with implants

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**Hitoshi Minagawa, DDS (JAPAN)**
Dr. Minagawa graduated from MEIKAI University in 1991. He established Minagawa Dental Clinic in 1994. He serves as the director of Tokyo SJCD, and is a visiting professor of Kanagawa Dental College. Dr. Minagawa is the director of Japanese Society for Laser Dentistry, and member of EAO as well as Japan Society of Oral Implantology.

**Topic:** Immediate implant & simultaneous zirconia abutment placement with CAD/CAM guided surgery

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**Jin-Ho Phark, DDS, Dr.Med.Dent (USA)**
Dr. Phark graduated and received doctorate degree from the Humboldt Univ. Dental School in Berlin Germany. He was a faculty member in the Dept. of Operative, Endodontic, and Preventive Dentistry at the Dental school in Berlin, as well as in the Dept. of Comprehensive Care at Case Western Reserve Univ. School of Dental Medicine in Cleveland, Ohio, where he also served as co-director of the Dental Materials Characterization Lab, Institute for Advanced. Currently. Dr. Phark is an assistant professor in the Div. of Restorative Sciences at the Ostrow School of Dentistry of USC, and is also the Director of the Dental Biomaterials Research Lab and the co-director of the Advanced Program in Operative Dentistry. He is associate editor of Quintessence of Dental Technology, and he had recently won the IADR Arthur Frechette Award in Prosthodontics. fields of dental ceramics.

**Topic:** Ultra-conservative caries treatment options
Homayoun H. Zadeh, DDS, PhD (USA) (Symposium Chair)
Dr. Zadeh is Associate Professor and interim director of post-doctorate periodontal program at the Herman Ostrow School of Dentistry of USC. Dr. Zadeh is a graduate of USC Ostrow School of Dentistry. He completed advanced clinical education in Periodontology and earned his PhD degree in Immunology from the University of Connecticut. He is a Diplomate of the American Board of Periodontology. He serves as the editorial reviewer for several scientific journals. Dr. Zadeh also leads a research team at USC Laboratory for Immunoregulation and Tissue Engineering (LITE). He maintains a part-time private practice limited to Periodontology and Implants in Southern California.
Topic: Hands-On Cadaver Workshop #1: Micro- and macro-surgery VISTA for soft tissue augmentation around teeth and implants

Maurice A. Salama, DMD (USA)
Dr. Salama completed his undergraduate studies at the State University of New York at Binghamton in 1985, where he received his BS in Biology. Dr. Salama received his DMD from the Univ. of Pennsylvania School of Dental Medicine, where he later received his dual specialty certification in Orthodontics and Periodontics, as well as his implant training at the Branemark Center at Penn. Dr. Salama is currently on the faculties of the Univ. of Pennsylvania and the Medical College of Georgia as Clinical Assistant Professor of Periodontics. Dr. Salama is a permanent member of the Scientific Committee of the world’s leading online Dental Education Website DENTALXP.com. He is also a member of the Team Atlanta Dental Practice which is a multidisciplinary practice world renowned for their clinical research in reconstructive and esthetic dentistry.
Topic: The central-lateral replacement dilemma: Clinical alternatives & management

Jørgen Slots, DDS, DMD, PhD, MS, MBA (USA)
Dr. Slots is Professor of Dentistry and Microbiology at the Ostrow School of Dentistry of USC. He graduated from the Royal Dental College, Copenhagen, Denmark in 1969. In 1976 he completed his Postgraduate Education in Periodontology at the Royal Dental College in Copenhagen, and in 1977 obtained a Certificate in Microbiology from the Forsyth Dental Center, Boston, MA. He obtained a D.M.D. degree in 1987 and an M.B.A degree in 1989 from the University of Pennsylvania. Dr. Slots has served as Chair of the Dept. of Oral Microbiology at the University of Goteborg in Sweden (1982-1986), Chair of Periodontology at the Ostrow School of Dentistry of USC (1991-2001) and Associate Dean for Research (1990-2000). Since 1991 he has served as Head of the Oral Microbiology Testing Laboratory.
Topic: Dental Hygiene Forum: Effective and safe periodontal therapy

Stephen Wallace, DDS (USA)
Dr. Wallace received his dental degree from New York University College of Dentistry. He is also a graduate of Boston University School of Graduate Dentistry where he received his Certificate in Periodontics. He is an Associate Professor in both the Dept. of Periodontics at Columbia University and New York University. Dr. Wallace is also a visiting professor at the Univ. of Maryland Dental College in the Department of Periodontics. He is a Diplomate of the International Congress of Oral Implantologists and a Fellow of the Academy of Osseointegration. He has authored over 40 peer-reviewed papers relating to implant dentistry, contributed numerous text book chapters, and has co-edited a textbook on maxillary sinus elevation surgery. He has helped develop the world’s largest database on maxillary sinus elevation.
Topic: Hands-On Cadaver Workshop #2: Avoiding and managing complications in maxillary sinus augmentation surgery

Masana Suzuki, DDS (JAPAN)
Dr. Suzuki received his DDS degree from Nippon University. He is an active member of the Japan Periodontal Association, an instructor of the Japan Clinical Periodontalogy Association, President of the Society of Japan Clinical Dentistry (SJCD) Tokyo, and an active member of the Osseointegration study club of Japan. Dr. Suzuki has published extensively on periodontal plastic surgical and microsurgical procedures. Dr. Suzuki maintains a full-time private practice in Tokyo, Japan.
Topic: Hands-On Cadaver Workshop #1: Micro- and macro-surgery VISTA for soft tissue augmentation around teeth and implants

All speakers must disclose to the audience any proprietary, financial or other personal interest of any nature or kind, in any product, service, source and/or company, or in any firm beneficially associated therewith that will be discussed or considered during their presentation. The Herman Ostrow School of Dentistry of USC does not view the existence of these interests or uses as implying bias or decreasing the value to participants. The Herman Ostrow School of Dentistry of USC, along with ADA CERP, feels that this disclosure is important for the participants to form their own judgment about each presentation.
Workshops

Three all-day programs with cadaver workshop components will be conducted at the Ostrow School of Dentistry of USC. Using slide and video presentations, surgical demonstrations, and hands-on experience, surgical approaches will be reviewed and practiced in detail in a unique hands-on educational environment using fresh un-embalmed cadavers. In order to create the best possible learning environment and afford each participant maximum hands-on time, class-size is limited and each laboratory station will be assigned only two participants at any one time. In addition to the listed course director for each workshop, the hands-on labs will be instructed and moderated by experienced faculty. Throughout this course, participants will be exposed to surgical techniques and concepts that will further his/her ability to more successfully manage the challenges posed in the treatment of compromised patients. The three intense all-day programs are structured with lectures in combination with demonstration of surgical techniques on cadavers by each course director, which will be followed by course participants on cadaver specimens provided.

Hands-On Cadaver Workshop I
January 23, 2013 - Ostrow School of Dentistry of USC
Micro- and macro-surgery VISTA for soft tissue augmentation around teeth and implants
Speaker: Dr. Homa Zadeh & Dr. Masana Suzuki
A variety of soft tissue augmentation procedures have been employed for treatment of gingival recession defects, as well as for augmentation of peri-implant soft tissue deficiencies. Current techniques have a number of limitations including, scar formation at recipient sites due to surface incisions and relapse of recession due to muscle pull during healing. This presentation introduces a novel, minimally invasive approach, referred to as “vestibular incision subperiosteal tunnel access” (VISTA). This entails an initial access incision vestibule, followed by elevation of a subperiosteal tunnel. VISTA allows for both access, as well as an opportunity to coronally reposition the gingival margins of all involved teeth/implants. A novel method of stabilization of the gingival margins is also introduced, referred to as “tooth-bonded suturing” designed to maintain the coronal positioning during healing. This technique has utility for both isolated, as well as multiple contiguous recession defects. VISTA has application for all other oral regions, as well as for treatment of osseous defects, though its application is most advantageous in the esthetic zone. VISTA can be utilized for introduction of autogenous tissues, as well as biomaterials and growth factors. In particular recombinant human platelet derived growth factor (rhPDGF) has been demonstrated to be highly effective for the treatment of recession defects.

Upon completion of this course participants will know:

- VISTA step-by-step
- Microsurgery for soft tissue augmentation
- Soft tissue augmentation around teeth and implants
- VISTA for papilla regeneration and augmentation
- Application of rhPDGF, collagen matrix and allograft for soft tissue augmentation

Hands-On Cadaver Workshop II
January 24, 2013 - Ostrow School of Dentistry of USC
Avoiding and managing complications in maxillary sinus augmentation surgery
Speaker: Dr. Steve Wallace
Maxillary sinus elevation has been shown to be the most successful pre-prosthetic surgical reconstructive technique. This has been accomplished through 32 years of collective wisdom on how to perform this procedure with maximum outcomes and minimal complications.

This course is designed to give you the diagnostic, technical, and surgical skills necessary to achieve these ends. This will be accomplished through lecture, videos, and a 3-hour cadaver workshop.

Course topics will include: Sinus anatomy, graft material selection, transcrestal and lateral window surgical technique, prevention and treatment of complications, and timing of implant placement.

Upon completion of this course participants will:

- Understand the role of evidence in surgical decision-making
- Review sinus anatomy of importance to the surgeon
- Evaluate multiple surgical techniques
- Learn to avoid and treat complications
- Utilize the cadaver experience to increase anatomic awareness and surgical skills
Workshops

**Hands-On Cadaver Workshop III**

**January 27, 2013 - Ostrow School of Dentistry of USC**

**GBR for alveolar ridge augmentation**

**Speaker: Dr. Bach Le**

This bone graft course will feature a combined one-day scientific lecture and hands-on workshop. The course will focus primarily on the principles of guided bone regeneration in implant dentistry and on the most up-to-date techniques in bone grafting to improve long-term clinical success with dental implants. This course is designed for the clinician that has prior implant experience and would like to broaden his/her knowledge and scope of practice and improve surgical skill.

**Upon completion of this course participants will know:**

- The biologic basis of bone regeneration
- The criteria for patient selection
- Step-by-step surgical procedure
- Properties of barrier membranes
- Selection of biomaterials
- Biologic modifiers and their relationship to bone regeneration
- Flap design for optimal esthetic and predictability
- Guided bone regeneration in various post-extraction defects
- Guided bone regeneration for simultaneous implant placement
- Guided bone regeneration for vertical ridge augmentation
- The proper use of screws in the “screw tent-pole grafting” technique
- All aspects of the post-operative management
- Recognition and management complications associated with guided bone regeneration

**Dental Hygiene Forum: Optional Dental Hygiene Hands-On Workshop**

**January 26, 2013 - Millennium Biltmore Hotel Los Angeles**

**Application of Diode Laser in periodontal therapy**

**Speaker: Kristy James, RDH**

This course is designed to provide dental hygienists and dentists with practical experience in using diode laser in non-surgical periodontal therapy.

General Information

**EVENT LOCATION**

**Millennium Biltmore Hotel Los Angeles**

506 South Grand Avenue. Los Angeles, CA 90071-2607

- Right in the heart of downtown Los Angeles
- 25 minutes from Los Angeles International Airport
- Minutes away from CA-110, I-10, I-101, and I-5.
- Reservation: 213.612.1575
- Group Code: 1301PERIOS / Perio Symposium
- Website: www.millenniumhotels.com/millenniumlosangeles

- Book your rooms early! Special guest room rate is available for enrollees for 38th USC Periodontal & Implant Symposium. Book prior to January 13, 2013 to receive $130 rate for Classic Room (single or double) and $170 for Club Room. Or book your room online at: www.millenniumhotels.com/millenniumlosangeles (Group Code 1301PERIOS)

**QUESTIONS?**

Please contact Ostrow School of Dentistry of USC Office of Continuing Education by one of the following methods:

Mail: 925 W. 34th St. Room 201J., Los Angeles, CA 90089

Telephone: 213-821-2127  Fax: 213-740-3973

Email: cedental@usc.edu  Website: www.uscdentalce.org
Registration Form
38th Annual USC International Periodontal & Implant Symposium
January 23 - 27, 2013 • Millennium Biltmore Hotel Los Angeles • 506 S. Grand Ave. Los Angeles, CA 90071-2607

First Name: __________________________ Last Name: __________________________

Title: __________________________ Specialty: __________________________

Address: ________________________________________________________________

City: __________________________ State: __________________________ Zip: __________

Business Phone: __________________________ Additional Phone (Optional): __________________________

Email: __________________________ Fax: __________________________

Additional Enrollees: __________________________

Check Enclosed (Payable to USC School of Dentistry) □

Visa □ Mastercard □ Card Number: __________________________

Expiration Date: ________________ Signature: __________________________

Please mail or fax your registration form to:
Ostrow School of Dentistry of USC Office of Continuing Education
925 W. 34th Street, Room 201J. Los Angeles, CA 90089-0641
Phone: 213.821.2127 • Fax: 213.740.3973 • Email: cedental@usc.edu • Website: www.uscdentalce.org

Refunds are granted only if a written cancellation notification is received at least 21 days before the course. 50% of the tuition minus processing fee will be refunded if cancellation occurs within 14 days before this course. No refund is granted afterwards. A $75 fee is withheld for processing. For additional registrations, xerox and send.