



Comprehensive Surgical & Restorative Implant Training Program



- ★ Lectures
- ★ Hands-on workshops on implant surgery and prosthetics
- ★ Live surgery and restorative case demonstrations

COURSE A: SEPTEMBER 8 - 9, 2007
OCTOBER 6 - 7, 2007
NOVEMBER 3 - 4, 2007

COURSE B: DECEMBER 1 - 2, 2007

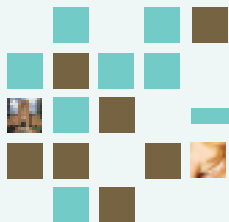
COURSE C: MARCH 14 - 16, 2008

COURSE D: APRIL 11 - 13, 2008

COURSE E: JUNE 27 - 29, 2008

*110 Years of
Tradition and Excellence*

USC
SCHOOL OF
DENTISTRY



WELCOME

Dear Colleagues:

Implant dentistry has become an integral part of clinical practice. Whether you focus on implant placement, surgery or restoration, comprehensive training in both surgical and restorative aspects is the most effective approach to advance your clinical skills.

The USC Comprehensive Surgical and Restorative program offers a continuum of courses, appropriate for any clinician who is interested in gaining a comprehensive training in implant dentistry. The courses start at the fundamental level and build upon that knowledge in latter courses for clinicians with intermediate or advanced experience. Please note that the fundamental courses are also appropriate for surgeons who would like to have better understanding of implant restoration and restorative dentists who would like to have better understanding of implant surgery. The acquisition of comprehensive knowledge and skills is likely to improve communication, collaboration and patient care.

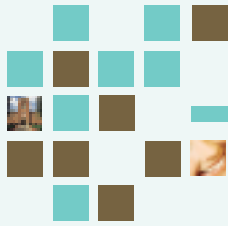
The format of these courses includes lecture presentations by world-renowned faculty, hands-on workshops, as well as live surgery demonstrations. Lecture presentations are evidence-based in nature and include clinical cases to illustrate the principles discussed. The small group setting in the state-of-the-art facility of the University of Southern California School of Dentistry will provide course participants with a unique educational opportunity.



Homayoun Zadeh, DDS, PhD (Course Director)

"You tell me, and I forget. You teach me, and I remember. You involve me, and I learn." - Benjamin Franklin -

Course	Dates/Time	Faculty
Course A: Fundamentals of Implant Surgery and Restoration	Saturday - Sunday, September 8 - 9, 2007, October 6 - 7, 2007, November 3 - 4, 2007 8:00am - 5:00pm	Dr. Yang Chai Dr. Lyndon Cooper Dr. Fereidoun Daftary Dr. Baldwin Marchack Dr. Richard Sullivan Mr. Kurt Tennyson Dr. Homayoun Zadeh
Course B: Predictable Outcomes in Implant Therapy Based on Biologic Principles	Saturday - Sunday, December 1 - 2, 2007 8:00am - 5:00pm	Dr. Yoshihiro Goto Dr. Keith Phillips Dr. Clark Stanford Dr. Homayoun Zadeh
Course C: Implant Therapy in the Esthetic Zone	Friday - Sunday, March 14 - 16, 2008 Friday: 8:00am - 5:00pm Saturday: 8:00am - 4:00pm Sunday: 8:00am - 1:00pm	Dr. Lyndon Cooper Dr. Joseph Kan Dr. Homayoun Zadeh
Course D: D1: Implant Therapy in Compromised Sites D2: Advanced Bone and Soft Tissue Augmentation - Cadaver Workshop	D1: Friday - Sunday, April 11 - 13, 2008 Friday: 8:00am - 5:00pm Saturday: 8:00am - 4:00pm Sunday: 8:00am - 1:00pm D2: Sunday, April 13, 2008: 1:00pm - 5:00pm	Dr. Bach Le Dr. Steve Wallace Dr. Homayoun Zadeh
Course E: Advanced Implant Restoration	Friday - Sunday, June 27 - 29, 2008 Friday: 8:00am - 5:00pm Saturday: 8:00am - 4:00pm Sunday: 8:00am - 1:00pm	Dr. Lee Culp Dr. Yoshihiro Goto Dr. Arnold Rosen Dr. Clark Stanford Dr. Homayoun Zadeh
Surgical Assistant Training	Sunday, September 9, 2007 8:00am-5:00pm	USC Faculty



COURSE A

FUNDAMENTALS OF IMPLANT SURGERY AND RESTORATION

Speakers

Dr. Yang Chai, Dr. Lyndon Cooper, Dr. Fereidoun Daftary, Dr. Baldwin Marchack, Dr. Richard Sullivan, Mr. Kurt Tennyson, Dr. Homayoun Zadeh

Overview

CDC data have estimated that despite the decline in proportion of edentulous persons in the United States, the projected number of edentulous patients will increase over the next decades due to the population growth. It is now accepted that implant restorations is often the most conservative treatment for tooth replacement. This 6-day course, spread over 3 weekends, consists of lectures, hands-on workshops and live surgery demonstration and is designed to provide the theoretic framework, as well as the skills necessary for clinicians to incorporate implant dentistry into their practice.

Educational Objectives

Conceptual topics

- Biologic basis of Osseointegration
- Anatomy of implant sites and surrounding structures

Diagnosis and treatment planning

- Treatment planning & case selection:
 - Single-unit tooth replacement
 - Multiple-unit tooth replacement
 - Fully edentulous patients
- Diagnostic tools: radiographs, CT scan, tomography
- Surgical guides: lab fabricated and computer-generated surgical guides

Surgical placement of implants

- Surgical considerations and treatment planning
- Hands-on workshop: participants will place implants in models
- Live surgery: participants will observe implant placement in patients
- Preservation & augmentation of hard & soft tissues

Implant prosthetics

- Implant restorative options
- Implant impression techniques
 - Hands-on workshop
 - Live patient demonstration
- Abutment selection: prefabricated abutments, computer designed abutments, ceramic abutments
- Immediate vs. staged implant placement

- Immediate vs. staged implant loading
- Provisional placement: immediate vs. staged

Laboratory techniques and procedures

Marketing and promotion

- Incorporating implant dentistry in a surgical or restorative practice
- Case presentation
- Fee schedule determination

Who will benefit from attending this course:

This course is appropriate for any clinician who is interested in gaining a comprehensive training in implant dentistry:

- Beginners with limited implant knowledge
- Surgical specialists who would like to acquire a more in depth and comprehensive understanding of implant restoration
- Restorative dentists who would like to acquire a more in depth and comprehensive understanding of implant surgery
- Allied health professionals (Laboratory technicians, dental hygienists and dental assistants) who participate as members of the implant therapy team and would like to be more effective in their functions by enhancing their fundamental and practical knowledge

LOCATION: USC School of Dentistry

DATES: Saturday - Sunday,
September 8 - 9, 2007
October 6 - 7, 2007
November 3 - 4, 2007

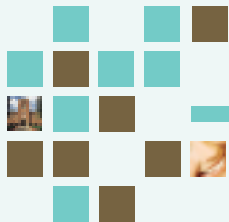
TIME: 8:00 a.m. - 5:00 p.m.

COURSE FEE: Before August 1, 2007
After August 1, 2007



▶ Dentist: \$3,995
▶ Dentist: \$4,195

Faculty & Auxiliary: \$1,995
Faculty & Auxiliary: \$2,095



COURSE B

PREDICTABLE OUTCOMES IN IMPLANT THERAPY
BASED ON BIOLOGIC PRINCIPLES

Speakers

Dr. Yoshihiro Goto, Dr. Keith Phillips, Dr. Clark Stanford, Dr. Hodayoun Zadeh

Overview

The long-term success of implant-supported prostheses requires an evidence-based approach to therapy. This 2-day course consists of lectures, hands-on workshops and live surgery demonstration and is designed to supplement the knowledge of biologic principles, as well as technical skills, which are the prerequisites of achieving predictable outcomes in implant dentistry.

Educational Objectives

Conceptual topics

- Factors affecting the stability of the peri-implant tissues
- Influence of implant component design on esthetic outcome

Diagnosis and treatment planning

- Treatment planning and case selection:
 - Single-unit tooth replacement
 - Multiple-unit tooth replacement
 - Fully edentulous patients
- Diagnostic tools: radiographs, CT scan, tomography
- Surgical guides: lab fabricated and computer-generated surgical guides

Surgical placement of implants

- Surgical considerations and treatment planning
- Hands-on workshop: participants will place implants in models
- Live surgery: participants will observe implant placement in patients
- Preservation & augmentation of hard & soft tissues

Implant prosthetics

- Implant restorative options
- Implant impression techniques
 - Hands-on workshop
 - Live patient demonstration

- Abutment selection: prefabricated abutments, computer designed abutments, ceramic abutments
- Immediate vs. staged implant placement
- Immediate vs. staged implant loading
- Provisional placement: immediate vs. staged

Laboratory techniques and procedures

Who will benefit from attending this course:

This course is appropriate for any clinician who is interested in gaining a comprehensive training in implant dentistry:

- Clinicians with previous implant experience who would like to learn additional implant systems
- Surgical specialists who would like to acquire a more in depth and comprehensive understanding of implant restoration
- Restorative dentists who would like to acquire a more in depth and comprehensive understanding of implant surgery
- Allied health professionals (Laboratory technicians, dental hygienists and dental assistants) who participate as members of the implant therapy team and would like to be more effective in their functions by enhancing their fundamental and practical knowledge

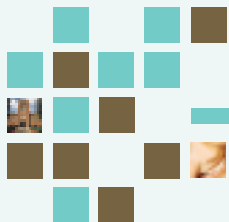
LOCATION: USC School of Dentistry

DATES: Saturday - Sunday,
December 1 - 2, 2007

TIME: 8:00 a.m. - 5:00 p.m.

COURSE FEE: Before November 1, 2007 ▶ Dentist: \$1,295 Faculty & Auxiliary: \$695
 After November 1, 2007 ▶ Dentist: \$1,695 Faculty & Auxiliary: \$795





COURSE C

IMPLANT THERAPY IN THE ESTHETIC ZONE

Speakers

Dr. Lyndon Cooper, Dr. Joseph Kan, Dr. Hodayoun Zadeh

Overview

The anterior maxilla is often referred to as the “esthetic zone”. Tooth replacement in the esthetic zone presents unique challenges for the clinician. Yet, achievement of optimal esthetics in this area can be most rewarding. The prerequisites of achieving a successful esthetic outcome in this region include: 1) knowledge of the biology of the implant-prosthesis-tissue interface and their post-treatment alterations; 2) careful preoperative treatment planning; 3) augmentation of hard and soft tissues when deficiencies exist and 4) attention to detail in execution of surgical and prosthetic techniques. This course will review the biological fundamentals, as well as the clinical surgical and restorative techniques involved.

Educational Objectives

- Biology of implant-prosthesis-tissue interface
- Factors affecting the stability of the peri-implant tissues
- Treatment planning and case selection:
 - Surgical considerations
 - Prosthetic considerations
- Diagnostic tools: CT imaging, surgical guide
- Computer-assisted implant positioning
- The applications of microscope in implant surgery
- Influence of implant component design on esthetic outcome
- Selection and sequencing of implant site-development techniques
- Orthodontic therapy for site development
- Soft tissue augmentation around implants
- Papilla preservation and regeneration around implants
- Minimally invasive tooth extraction
- Ridge preservation and augmentation
- Immediate implant placement vs. staged implant placement
- Minimally invasive implant placement
- Immediate vs. delayed implant loading
- Implant impression techniques
- Abutment selection
- Provisional placement: immediate vs. staged
- Laboratory techniques and procedures

Hands-on workshop

- Minimally invasive tooth extraction
- Socket preservation techniques
- Implant placement into extraction socket
- Impression techniques
- Abutment modification
- Provisional fabrication

Live surgery demonstration

- Minimally invasive tooth extraction
- Implant placement into extraction socket
- Fixture-level impression
- Abutment modification
- Provisional fabrication

Who will benefit from attending this course:

This course is suitable for clinicians with intermediate or advanced experience in implant dentistry:

- Surgical specialists and restorative dentists who would like to acquire a more in depth and comprehensive understanding, as well as practical skills to achieve predictable treatment outcome in the esthetic zone
- Allied professionals (Laboratory technicians, dental hygienists and dental assistants) who participate as members of the implant therapy team and would like to be more effective in their functions by enhancing their fundamental and practical knowledge

LOCATION: USC School of Dentistry

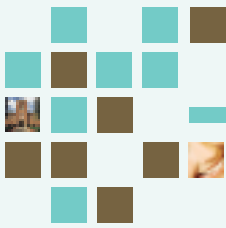
DATES: Friday - Sunday,
March 14 - 16, 2008

TIME: 8:00 a.m. - 5:00 p.m.

COURSE FEE: Before February 1, 2008
After February 1, 2008



▶ Dentist: \$1,695	Faculty & Auxiliary: \$895
▶ Dentist: \$1,895	Faculty & Auxiliary: \$995



COURSE D

**D1: IMPLANT THERAPY IN COMPROMISED SITES
D2: ADVANCED BONE AND SOFT TISSUE
AUGMENTATION - CADAVER WORKSHOP**

Speakers

Dr. Bach Le, Dr. Steve Wallace, Dr. Homayoun Zadeh

Overview

The success of dental implants depends on their placement in bone of adequate density and volume in order to achieve primary stability. However, there is usually at least some degree of atrophy in most implant sites due to post-extraction remodeling or because of pathologic conditions. There has been a gradual shift in paradigm from merely achieving successful osseointegration to achieving final restorative outcomes that mimic natural dentition and the surrounding oral tissues. These objectives have been materialized by advancements in surgical techniques, as well as availability of biomaterials to enable predictable regeneration of oral hard and soft tissues. This course will review the biological fundamentals, as well as the clinical surgical and restorative techniques involved in treating patients with compromised hard and soft tissues.

Educational Objectives

- Reconstruction of prosthetically or anatomically compromised patients
- Selection and sequencing of implant site-development techniques
- Sinus augmentation rationale and techniques
- Horizontal ridge augmentation
- Vertical ridge augmentation
- Distraction Osteogenesis
- Mandibular block autografting
- Onlay block grafts: rationale and techniques
- Guided bone regeneration
- Soft tissue augmentation around implants
- Immediate loading
- Prosthetic options for complex cases
- Diagnostic tools: CT imaging, surgical guide
- Computer-assisted implant positioning
- Orthodontic therapy for site development
- Minimally invasive tooth extraction
- Socket preservation and augmentation
- Immediate implant placement vs. staged implant placement
- Minimally invasive implant placement
- Immediate vs. delayed implant loading
- Implant impression techniques
- Provisional placement: immediate vs. staged
- Laboratory techniques and procedures

Hands-on model workshop (D1 - April 11 - 13, 2008)

- Lateral window and dental sinus augmentation
- Donor graft harvesting from ramus and symphysis
- Recipient site preparation and block graft fixation
- Guided bone regeneration

Hands-on cadaver workshop (D2 - April 13, 2008)

- Lateral window and dental sinus augmentation
- Donor graft harvesting from ramus and symphysis
- Recipient site preparation and block graft fixation
- Guided bone regeneration

Live surgery demonstration

- Implant placement
- Bone and soft tissue grafting around implant sites

Who will benefit from attending this course:

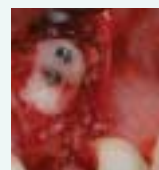
This course is suitable for clinicians with intermediate or advanced experience in implant dentistry:

- Surgical specialists and restorative dentists who would like to acquire a more in depth and comprehensive understanding, as well as practical skills to achieve predictable treatment outcome in patients with compromised bone or soft tissues, as well as in management of complex prosthetic treatment plans
- Allied professionals (Laboratory technicians, dental hygienists and dental assistants) who participate as members of the implant therapy team and would like to be more effective in their functions by enhancing their fundamental and practical knowledge

LOCATION: USC School of Dentistry

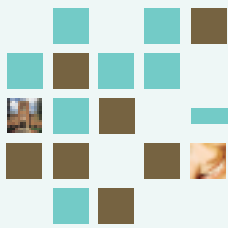
DATES & TIME: D1: Friday - Sunday, April 11 - 13, 2008
8:00 a.m. - 5:00 p.m.
D2: Sunday, April 13, 2008
1:00 p.m. - 5:00 p.m.

COURSE FEE: Before Mar. 1, 2008 ▶ Dentist: \$1,695 / \$995 Faculty & Auxiliary: \$895 / \$695
After Mar. 1, 2008 ▶ Dentist: \$1,895 / \$1,195 Faculty & Auxiliary: \$995 / \$795



D1 / D2

D1 / D2



COURSE E

ADVANCED IMPLANT RESTORATION

Speakers

Dr. Lee Culp, Dr. Yoshihiro Goto, Dr. Arnold Rosen, Dr. Clark Stanford, Dr. Homayoun Zadeh

Overview

A variety of clinical scenarios may present, requiring complex prosthetic restoration. A key to success is careful planning and simplification of therapy, based on sound principles. A wide array of restorative options are available today. Selection of the appropriate prosthesis requires consideration of the patient anatomy, quantity and quality of available hard and soft tissues, the need for augmentation surgery, esthetic requirements, occlusal scheme and patient's desires. The objective of this course is to review the fundamentals for prosthetic restoration of implant patients. An evidence-base approach will be used to provide treatment options with high degree of predictability. Practical solutions to common prosthetic problems will be provided.

Educational Objectives

- Prosthetic options for complex cases
- Treatment of fully-edentulous maxilla and mandible
- Treatment of compromised dentition requiring full-arch extraction
- Decision-tree for selection of fixed versus removable restoration
- Immediate and early loading
- Diagnostic tools: CT imaging, surgical guides
- Computer-assisted planning and implant positioning
- Immediate implant placement vs. staged implant placement
- Assessment of need and sequencing of implant site-development techniques
- Implant impression techniques
- Screw-retained vs. cement-retained restorations
- Application of CAD/CAM in abutment and restoration fabrication
- Abutment selection guidelines
- Occlusal considerations and guidelines
- Provisional options and techniques
- Prosthetic complication and their management
- Dental materials used in implant restoration
- Laboratory techniques and procedures

Hands-on workshop

- Implant impression techniques
- Provisional fabrication for multiple-unit restoration
- Abutment modification

Live surgery demonstration

- Implant impression techniques
- Provisional fabrication for multiple-unit restoration
- Abutment modification

Who will benefit from attending this course:

This course is suitable for clinicians with intermediate or advanced experience in implant dentistry:

- Restorative dentists and surgical specialists who would like to acquire a more in depth and comprehensive understanding necessary for management of patients requiring complex prosthetic restoration
- Allied professionals (Laboratory technicians, dental hygienists and dental assistants) who participate as members of the implant therapy team and would like to be more effective in their functions by enhancing their fundamental and practical knowledge

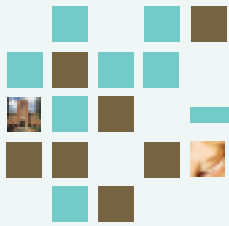
LOCATION: USC School of Dentistry

DATES: Friday - Sunday,
June 27 - 29, 2008

TIME: 8:00 a.m. - 5:00 p.m.

COURSE FEE: Before May 1, 2008 ▶ Dentist: \$1,695 Faculty & Auxiliary: \$895
After May 1, 2008 ▶ Dentist: \$1,895 Faculty & Auxiliary: \$995





SURGICAL ASSISTANT TRAINING

Overview

Surgical assistants are important members of the implant surgical team. Familiarity with the latest concepts and procedures will facilitate communication and patient care in a successful practice. For more in-depth and comprehensive understanding of implant surgery and restoration, assistants are encouraged to register also for Course A.

Educational Objectives

- Introduction to implant dentistry for surgical assistants
- Review of implant terms, components and treatment options
- Patient education, pre- and post-operative instructions
- Preparation of the surgery room for procedure
- Patient preparation for surgery
- Description of instruments and equipments used in implant surgery
- Set-up and handling of surgical instruments, equipment, sterile drapes, and sterile solutions

- Proper techniques of scrubbing for surgery and donning of sterile gowns and gloves
- Sterile instrument transfer and surgical assistance
- Implant maintenance

Who will benefit from attending this course:

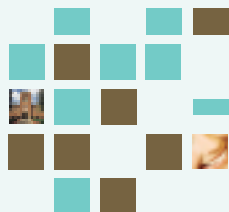
This course is appropriate for any allied professionals who are involved in the care of implant patients:

- Clinical assistants who assist during implant surgery
- Implant coordinators involved in planning and coordinating the treatment of implant patients

LOCATION:	USC School of Dentistry
DATE:	Sunday, September 9, 2007
TIME:	8:00 a.m. - 5:00 p.m.
COURSE FEE:	Before August 1, 2007 ▶ Auxiliary: \$250 After August 1, 2007 ▶ Auxiliary: \$295



In order to advance clinician's skills, we will be offering **Implant Surgical and Prosthetic Mentorship Program** which will provide an opportunity to interact on an individual basis. For more information, please contact the Office of Continuing Education at 213-821-2127.



HOTEL ACCOMMODATIONS

HOLIDAY INN - CITY CENTER

1020 South Figueroa Street
Los Angeles, California 90015
213.748.1291
Website: www.holiday-inn.com

RADISSON HOTEL

3540 South Figueroa Street
Los Angeles, California 90007
213.748.4141
Website: www.radisson.com

WILSHIRE GRAND HOTEL

930 Wilshire Boulevard
Los Angeles, California 90007
213.688.7777
Website: www.wilshiregrand.com

HYATT REGENCY - LOS ANGELES

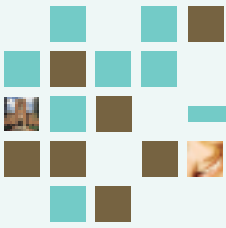
711 South Hope Street
Los Angeles, California 90017
213.683.1234
Website: www.hyatt.com

WESTIN BONAVENTURE

404 South Figueroa Street
Los Angeles, California 90071
213.624.1000
Website: www.starwoodhotels.com/westin



FACULTY



Yang Chai, DDS, PhD

Dr. Chai is Professor and Chair, Division of Craniofacial Sciences and Therapeutics USC School of Dentistry. He has completed his dental education, as well as earned the Ph.D. degree in Craniofacial Biology at USC. He had previously obtained his dental degree, as well as post-doctoral training in Oral-Maxillofacial Surgery at the Beijing Medical University, Beijing, China. He engages in active NIH-funded research at the Center for Cell and Molecular Biology (CCMB) at USC, focusing on craniofacial development. He has published extensively in peer-review journals, as well as book chapters. Dr. Chai has received numerous awards, including several Awards of Excellence in Teaching at USC.



Lyndon F. Cooper, DDS, PhD

Dr. Cooper is the Stallings Distinguished Professor of Dentistry within the Departments of Prosthodontics and Biochemistry & Biophysics at the University of North Carolina at Chapel Hill. He is the Director of the Advanced Education Program in Graduate Prosthodontics and the Bone Biology and Implant Therapy Laboratory. Dr. Cooper, a Diplomate of the American Board of Prosthodontics, was recognized as the American College of Prosthodontists Outstanding Young Prosthodontist (1997) and serves as a member of its Board of Directors.



Lee Culp, CDT

Mr. Culp is a leading resource/inventor for many of the materials, products and techniques used in dentistry today and holds numerous patents for his ideas and products. He is the editor in chief of Spectrum, and is also on the editorial board of Signature, Signature International, Practical Periodontics and Aesthetic Dentistry, Inside Dentistry, and Compendium. His professional memberships include the American College of Prosthodontics, the American Equilibration Society and the American Academy of Cosmetic Dentistry. He is the founder of Mosaic Studios and the Institute for Oral Art and Design. He maintains an active teaching schedule at IOAD, as well as the Dawson Center for Advanced Dental Study, as well as at other teaching centers focusing on reconstructive and esthetic dentistry.



Fereidoun Daftary, DMD, MSD

Dr. Daftary received his dental education from the National University of Iran and has completed post-graduate training in prosthodontics at Boston University. He has served as Chair of the Department of Fixed Prosthodontics at USC. He is a frequent lecturer at national and international meetings. He has also developed and patented many implant components. His current research focuses on improving implant esthetics and function. Dr. Daftary maintains a private practice limited to prosthodontics and implant dentistry in Beverly Hills, California.



Yoshihiro Goto, DDS, MSD

Clinical Assistant Professor of Advanced Prosthodontics at USC. He has received his dental degree from Nihon University in Tokyo, Japan., as well as USC. He has earned his Master Degree and Certificate of Advanced Training in Prosthodontics at the University of Washington. Dr. Goto has published multiple articles in national and international dental journals. He has also given numerous presentations nationally and internationally focusing on implants and esthetic rehabilitation. Dr. Goto also maintains a private practice limited to Implant and Prosthodontics reconstruction in Los Angeles, California.



Joseph Kan, DDS, MS

Dr. Kan completed his specialty training in Advanced Prosthodontics and obtained a Master degree from the Advanced Implant Dentistry at Loma Linda University School of Dentistry (LLUSD). He is currently an Associate Professor in the Department of Restorative Dentistry at LLUSD where he also maintains a private practice limited to Prosthodontics and Implant Surgery. Dr. Kan is the recipient of the Best Research Award from the Academy of Osseointegration, as well as the Judson C. Hinckey Scientific Award from the Journal of Prosthetic Dentistry. He serves on the Periodontology/Implantology Editorial Board of Practical Periodontics and Aesthetic Dentistry.



Bach Le, DDS, MD, FICD

Assistant Professor, Division of Surgical Therapeutic and Bioengineering Sciences and Assistant Director, Oral and Maxillofacial Surgery, USC School of Dentistry and USC Medical Center. He is a Diplomate of the American Board of Oral & Maxillofacial Surgeons, the American Dental Society of Anesthesiologists, and the International Congress of Oral Implantologists. Dr. Le holds Fellowships in the International College of Dentists and the International Association of Oral & Maxillofacial Surgeons. Dr. Le maintains a private practice in Whittier, California.

**Baldwin W. Marchack, DDS, MBA**

Dr. Marchack graduated from USC School of Dentistry and received his MBA from UCLA. Dr. Marchack is the immediate past-President of the American Academy of Esthetic Dentistry, Vice-Chairman of the Editorial Council for the Journal of Prosthetic Dentistry, and serves on the Executive Council of the Pacific Coast Society for Prosthodontics and the Board of Councilors of the USC School of Dentistry. He is the author of numerous articles and has presented over 200 lectures nationally and internationally. Dr. Marchack maintains a private practice with main emphasis on restorative and implant dentistry in Pasadena, California.

**Keith Phillips, DMD**

Dr. Phillips received his D.M.D. from the Univ. of Pennsylvania School of Dental Medicine and a certificate in Prosthodontics with an M.S.D. from the Univ. of Washington. After completion of his postdoctoral training, Dr. Phillips became Assistant Professor of Restorative Dentistry at the Univ. of Pennsylvania School of Dental Medicine as well as Chief of Restorative Dentistry at the Univ. of Pennsylvania Medical Center. Dr. Phillips returned to the Univ. of Washington to become the Director of the Graduate Program in Prosthodontics from 1996 to 2004. He is presently the Associate Director of Graduate Prosthodontics at the Univ. of Washington and maintains a private practice in Tacoma, Washington with major areas of focus on periodontal prosthodontics and implant assisted oral reconstruction.

**Arnold Rosen, DDS, MBA**

Dr. Rosen's background spans all arenas of patient care, administration, and academia. His specialty from Boston University School of Graduate Dentistry and Sloan Kettering Memorial Cancer Institute was Prosthodontics and Maxillo-Facial Prosthetics and he has since added an MBA from Boston University. He has served as Director of the Dental Implant Center and founder of the Dental Implant Fellowship Program at Tufts University. He has also worked in telemedicine and teledental technologies as a consultant to the international medical forum in Argentina, and as co-founder of a telemedicine company and founder of Transcend, Inc.

**Clark M. Stanford, DDS, PhD**

Centennial Fund Professor in the Dows Institute for Dental Research and in the Department of Prosthodontics, University of Iowa. Dr. Stanford received his BS, DDS, Certificate in Prosthodontics and PhD in Cell Biology from the University of Iowa. Dr. Stanford is a member of several professional organizations and serves on their governing board and committees. He is a Fellow in the Academy of Prosthodontics. His research activities include bone and connective tissue responses to mechanical stimuli, bone mineralization and clinical studies evaluating material outcomes. He maintains a clinical prosthodontic practice within the College of Dentistry.

**Richard M. Sullivan, DDS**

Clinical Director for Nobel Biocare USA. He completed the two-year Harvard University Implant Dentistry Program and later provided implant placement, restoration and dental laboratory aspects of implant dentistry as a general dentist. Since 1990, he has worked with Nobel Biocare in several capacities, including a two-year relocation to Gothenburg, Sweden. Dr. Sullivan has provided osseointegration programs at universities and professional associations across the country. Dr. Sullivan is a Fellow of the Academy of Osseointegration and has served as Chairman of the Professional and Public Relations Committee.

**Kurt Tennyson, CDT**

Mr. Tennyson received his education in Dental Technology at Orange Coast College and Maxillofacial Prosthetic Training Program at UCLA. In 1979 he worked for Project Hope, establishing a Maxillofacial Program in Alexandria, Egypt. He spent 12 years with UCLA Maxillofacial / Hospital Dentistry Group and has received Lifetime Credential to teach Dental Technology. He owns and operates Excel Maxillofacial Prosthetic Laboratory. He is the president of the Tennyson Study Club. Mr. Tennyson lectures extensively nationally and internationally on the topic of dental implants.

**Stephen Wallace, DDS**

Dr. Wallace is a graduate of Boston University School of Graduate Dentistry with a certificate in Periodontics. He is Associate Professor at the New York University Department of Implant Dentistry and a Diplomate of the International Congress of Oral Implantology and a Fellow of the Academy of Osseointegration. He lectures at home and abroad on dental implantology and periodontics. He is the author of journal articles and textbook chapters on implantology and co-editor of sinus elevation textbook released in Italy. Dr. Wallace maintains a private practice limited to Periodontics in Waterbury, CT.

**Homayoun H. Zadeh, DDS, PhD**

Associate Professor, USC School of Dentistry, Dr. Zadeh is a graduate of the USC School of Dentistry. He completed the 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, and chairs a Scientific Study Section of NIH. Dr. Zadeh also leads a research team, funded by the NIH. His clinical research interests involve studies on minimally-invasive surgery and tissue engineering. He is the Director of USC Periodontal and Implant Symposium and maintains a part-time private practice limited to Periodontology and Implants in Southern California.