About the Program
There is no secret that patients today want whiter and brighter natural looking teeth just as they see in the movies and on television every day. Whether the restorations are on implants or on natural teeth, patients expect esthetic solutions that are predictable and long lasting. For natural teeth, advances in ceramic materials and modern restorative techniques have made esthetic dentistry more available and more affordable today. Improved esthetic results can be achieved with conservative procedures and non metallic materials such as veneers, inlays, onlays and of course all-ceramic full crowns. For implants, CADCAM technology and modern high strength materials provide solutions today that were not available even a few short years ago. The objective of this comprehensive training program is to present different treatment options brought to you by the best faculty at the Ostrow School of Dentistry of USC.

The USC esthetic training program consists of the following modules:

- Twelve days in China consisting of 3 four day sessions including lectures and hands-on workshops
- Six days in Los Angeles including lectures and hands-on workshops:

The main strength of this program is that up to date and predictable protocols will be presented in a systematic manner by world experts on faculty at Herman Ostrow School of Dentistry of USC.

Who will benefit from attending this course:
This course is appropriate for any clinician who is interested in gaining comprehensive training in esthetic dentistry:

- Beginners with limited esthetic dentistry knowledge
- Clinicians with intermediate or advanced experience in restorative dentistry who would like to increase the predictability of their treatment by adopting evidence based updated protocols

Please note: We reserve the right to change course dates, times, and speakers in the case of unforeseen circumstances. Registrants will be notified with changes in advance.

We look forward to welcoming you to our program in China!

Baldwin Marchack, DDS, MBA
Program Director
Module 2: Chengdu, China
Friday, April 29, 2016 - Monday, May 2, 2016

| April 29 – May 3 (Friday to Monday) | Dr. Eddie Sheh, Dr. Abdi Sameni, and Dr. Ryan Tse |

**Synopsis**
Day 1: Restorative Dentistry: From Traditional to Contemporary – Eddie Sheh
Day 3: Minimally Invasive Dentistry in Daily Practice – Abdi Sameni
Day 4: Photography and Intra-Oral Camera Hands-On – Abdi Sameni & Ryan Tse

On days 1 & 2, the lecture will focus on the most updated concepts in Adhesive dentistry and Principles of preparation design. The restorative team should be able to provide patients with minimally invasive, highly esthetic, and long-lasting restorative solutions. Novel esthetic procedures allow the clinician to select among a variety of treatment designs based upon the patient needs. The potential for successful esthetic outcome and its limitations must be identified before the selection of appropriate treatment plan and materials. This presentation provides a systematic and scientific approach for selecting esthetic treatment based on research data generated at the Division of Restorative Sciences, Herman Ostrow School of Dentistry of University of Southern California.

**Educational Objectives**
- Diagnosis and treatment planning

### Restorative Dentistry: from Traditional to Contemporary

**Synopsis**
Day 1: CAD CAM Dentistry - Richard Lin
Day 2: Onlay preparation and Hands-On - Richard Lin
Day 3: Smile Design, Diagnosis and Treatment - Alexandre-Amir Aalam
Day 4: Grafting & Crown Lengthening Procedures, CT Graft and Esthetic C/L Hands-On - Alexandre-Amir Aalam

On day 1, participants will gain confidence and proficiency in restoring any type of implant connection. Both internal and external connections will be discussed, and advantages and disadvantages of the various types of connections will be analyzed. Participants will also learn when certain connections are indicated or preferred and how to participate in the decision making process with the oral surgeon or periodontist. The management of implants from single unit to multiple units in the partially edentulous arch will be discussed. In addition to lectures and demonstrations by the instructors, participants will have the opportunity to participate in a hands-on workshop including impression-making techniques, fabricating custom impression copings, fabricating provisional restorations for different types of implant connections, and provisional restorations for multiple implants.

**Educational Objectives**
- Diagnosis and treatment planning with multiple implants
- Abutment selection
  - Prefabricated stock abutments
  - Custom computer designed abutments
- Splinting at implant level
- Splinting at abutment level
- Splinting at the restoration level
- Provisionalization
- Impression techniques
- Biomechanics and occlusion
- Treatment planning considerations for smile design
- Learn how to select the right treatment from a plethora of esthetic solutions

Module 3: Beijing, China
Friday, August 26, 2016 - Monday, August 29, 2016

| August 26 – 29 (Friday to Monday) | Dr. Baldwin Marchack, Dr. Ryan Tse, Dr. Richard Lin, Dr. Alexandre-Amir Aalam |

**Smile Design**
Advanced Restorations with Dental Implants

**Synopsis**
Day 1: CAD CAM Dentistry - Richard Lin
Day 2: Onlay preparation and Hands-On - Richard Lin
Day 3: Smile Design, Diagnosis and Treatment - Alexandre-Amir Aalam
Day 4: Grafting & Crown Lengthening Procedures, CT Graft and Esthetic C/L Hands-On - Alexandre-Amir Aalam

On day 1, participants will gain confidence and proficiency in restoring any type of implant connection. Both internal and external connections will be discussed, and advantages and disadvantages of the various types of connections will be analyzed. Participants will also learn when certain connections are indicated or preferred and how to participate in the decision making process with the oral surgeon or periodontist. The management of implants from single unit to multiple units in the partially edentulous arch will be discussed. In addition to lectures and demonstrations by the instructors, participants will have the opportunity to participate in a hands-on workshop including impression-making techniques, fabricating custom impression copings, fabricating provisional restorations for different types of implant connections, and provisional restorations for multiple implants.

**Educational Objectives**
- Diagnosis and treatment planning with multiple implants
- Abutment selection
  - Prefabricated stock abutments
  - Custom computer designed abutments
- Splinting at implant level
- Splinting at abutment level
- Splinting at the restoration level
- Provisionalization
- Impression techniques
- Biomechanics and occlusion
- Treatment planning considerations for smile design
- Learn how to select the right treatment from a plethora of esthetic solutions
Additive and Resective Periodontal Plastic Surgery.
A Restorative Perspective.

Synopsis
Periodontal treatment outcome is primarily dependant on proper diagnostic, prognostic and treatment planning. Only after those requirements are satisfied that a proper execution will interplay. Restorative dentists face on a daily basis the decision making of bonding on a denuded root or grafting it. Placing a crown margin deep in the periodontal sulcus or crown lengthening the tooth. What is the best treatment for our patient and why?

The purpose of this presentation will be to discuss:
- Understand the basics of a smile design
- Diagnosis of a clinically short dentition and the treatment with esthetic surgical crown lengthening
- Diagnosis of “biological width” and the treatment with functional surgical crown lengthening.
- Diagnosis and treatment planning of non-carious radicular lesion.
- Diagnosis and treatment planning of exposed root with connective tissue graft.
- Discuss the application of biological modifier in the current trend of periodontal plastic procedures.

All discussion will be restoratively driven in order to simplify the decision making of the restorative dentist.

Esthetic and Adhesive Dentistry

Synopsis
Bonded restorations in the anterior and posterior dentition
The combination of both composites and ceramics seems theoretically appropriate to reproduce the original stiffness of the tooth and modulate the tooth-restoration strength. Therefore, modern concepts in restorative dentistry have brought new solutions through bonded porcelain restorations (BPRs) that are stress distributors and involve the crown of the tooth as a whole in supporting occlusal force and masticatory function. Among these, the good overall clinical behavior of anterior porcelain laminate veneers bonded tooth in terms of fracture rates, microleakage, debonding and soft tissue response is generally well recognized and attested by numerous clinical studies. Continuous developments in the field of adhesive restorative techniques have permitted significant broadening of the originally-defined spectrum of indications for BPRs in the anterior dentition and thus contribute to two of the major objectives of conservative restorative dentistry: the maximum preservation of sound tooth structure and the maintenance of the vitality of the teeth to be restored. Indications for BPRs are extending to more perilous situations (worn-down, nonvital or crown-fractured teeth), resulting in considerable improvements, comprising both the medical-biological aspect and the socio-economical context (ie, decrease of costs when compared to traditional treatments and freehand composites and then progress toward more sophisticated approaches such as laminate veneers and full coverage crowns only when required. The aim of this presentation is to determine which clinical situations do not require ceramic veneering and can be approached with ultraconservative techniques, combining bleaching and direct application of composite resins.

Following this presentation, attendees will be able to:
- Determine which clinical situations do not require ceramic veneering and can be approached with ultraconservative techniques, combining bleaching and direct application of composite resins.
- Choose the safest and most reliable techniques for vital and nonvital bleaching.
- Improve their skill in the freehand application of composite resins.

Esthetics Principles

Esthetic restorative procedures can only be mastered consistently if both clinician and ceramist are perfectly familiar with the basic principles of natural oral esthetics. Most important criteria have been selected and are presented in the form of a checklist for restorative success (modified from Belser). This overview of esthetic principles is not limited to simple tooth esthetics, but includes the entire knowledge of gingival esthetics and the final esthetic integration into the frame of the smile, face and - more generally - the individual.

At the end of the course participants will be familiar with:
1. Basic principles of natural oral esthetics.
2. A checklist of important criteria for esthetic restorative success.
3. Gingival esthetics and challenges related to the loss of inter-dental tissues in fixed partial dentures and implant-supported restorations.
Program Summary

How to Register
Online registration available at www.uscdentalce.org.
For questions in regards to making payment via wire transfer, please email shuli@usc.edu

Registration Fees

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<tr>
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<th>Before January 1, 2016</th>
<th>After January 1, 2016</th>
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<tr>
<td>Full Program</td>
<td>USD $14,000</td>
<td>USD $15,000</td>
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<tr>
<td>China Sessions Only (Does not include certificate of completion)</td>
<td>USD $10,950</td>
<td>USD $11,650</td>
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Registration Form

First Name ___________________________ Middle Name ___________________________ Last Name ___________________________
Chinese Name ___________________________ Title ___________________________ Specialty ___________________________
Address
City ___________________________ Province ___________________________ Postal Code ___________________________
Country ___________________________ Phone ( ) ___________________________ Fax ( ) ___________________________
E-mail ___________________________

☐ Mastercard
☐ Visa
☐ Check

Enclosed ___________________________

Card Number* ___________________________ Expiration Date ___________________________
Total Payment $ ___________________________ Security Code ___________________________

* If you are paying with credit card, please fax the form to 1 (213) 740-3973, Attn: Shu Li

Inquiries

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Dr. Baldwin W. Marchack
Dr. Marchack graduated from the Herman Ostrow School of Dentistry of USC and received his MBA from UCLA. He is a Fellow of the American College of Dentists, International College of Dentists, and the Pierre Fauchard Academy. Dr. Marchack is an Honorary Member of the American College of Prosthodontists and Past President of the American Prosthetic Society, the Pacific Coast Society for Prosthodontics, and the American Academy of Esthetic Dentistry. He is the Chair of the Editorial Council for the Journal of Prosthetic Dentistry, and serves on the Board of Directors for the Herman Ostrow School of Dentistry of USC.

Dr. Sillas Duarte, Jr., DDS, PhD
Dr. Duarte is Associate Professor and Chair of the Division of Restorative Sciences, Ostrow School of Dentistry of the University of Southern California. He is also Director of the Advanced Program in Operative Dentistry at USC and the editor-in-chief of Quintessence of Dental Technology (QDT). Dr. Duarte serves on the editorial boards of several journals, and has published nationally and internationally on esthetic and adhesive dentistry. His research focuses on bonding to dental structures, composites, and ceramics.

Dr. Avishai Sadan
Dr. Sadan is the Dean of Herman Ostrow School of Dentistry of USC. He is the former editor-in-chief of Quintessence International and Quintessence of Dental Technology (QDT), served on the editorial boards of other journals, and has lectured and published nationally and internationally on esthetic and implant dentistry and biomaterials. He received his training in prosthodontics from the Louisiana State University School of Dentistry and has also completed a fellowship in prosthodontics emphasizing esthetic and implant dentistry at LSU. Dr. Sadan is member of several professional organizations including the American College of Prosthodontists, the Academy of Osseointegration, the European Academy of Esthetic Dentistry, the American College of Dentists, and other organizations; he maintains an intramural practice limited to fixed and implant prosthodontics.

Dr. Alexandre-Amir Aalam
Dr. Aalam graduated with a DDS degree from the University of Nice Sophia Antipolis, Nice (France). He subsequently specialized in Advanced Periodontics at USC. Dr. Aalam is a Diplomate of the American Board of Periodontology and a Diplomate of the American Board of Oral Implantology. The French Society and the California Society of Periodontology awarded Dr. Aalam for his contribution to clinical research in the field of implant dentistry. Dr. Aalam is a Clinical Assistant Professor of dentistry at USC. In 2012, Dr. Aalam was appointed as the USC dental school representative on the Board of Governors. He maintains a private practice in Brentwood CA, limited to Periodontics and Reconstructive Implant Dentistry. Dr. Aalam lectures and publishes in the field of dental implants and implant development procedures.

Dr. Sheh
Dr. Sheh is a specialist in Prosthodontics, and Associate Professor of Clinical Dentistry, Division of Restorative Dentistry at the Herman Ostrow School of Dentistry of USC.

Dr. Ryan Tse
Dr. Tse received his Master Degree in Prosthodontic at University of London and Master of Science Degree in Implant Dentistry by the University of Hong Kong. He is awarded Membership of the Faculty of General Dental Practice of the Royal College of Surgeons of England, and General Dentistry of the College of Dental Surgeons of Hong Kong. Dr. Tse completed one-year Clinician Program in Implant Dentistry at UCLA in 2006 and one-year Clinician Program in Implant Dentistry in 2010. He was elected as the Fellow of World Clinical Laser institute in 2009, and is also the Member of American implant association and American Academy of Cosmetic Dentistry.