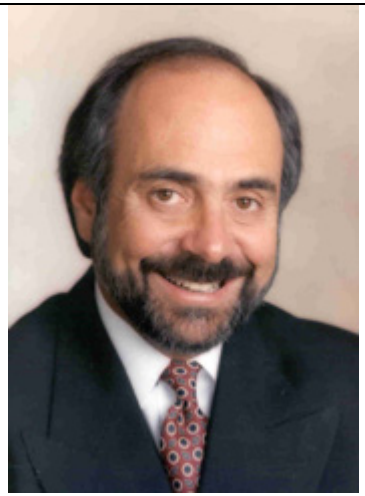
Name	Picture	Title of Presentation	Synopsis	Biographical Sketch
Abrahamsen, Thomas C. **DDS MS FACP**		**Etiology and Diagnosis of the Non-carious Loss of Tooth Structure**	Historically, the dental literature has revealed various causes of the wear of teeth, yet it has failed to provide a conclusive method of differentiation and diagnosis of the condition. Dr. Abrahamsen's 34 year clinical study of the worn dentition provides a diagnostic system of pathognomonic pattern of abrasion and erosion that determines the exact etiology from the recognition of these patterns on diagnostic casts, which are based on the position and quantity of the loss. The true etiology of the abfraction lesion will also be presented.	Dr. Abrahamsen has practiced dentistry for the past 37 years in the military, private practice, and academia. He earned his DDS degree at the U. of Illinois and his MS degree at the U. of Texas. He is a Diplomate of the American Board of Prosthodontics, a Fellow in the American College of Prosthodontists, a member of the American Academy of Restorative Dentistry, and a retired Colonel in the USAF.

Name	Picture	Title of Presentation	Synopsis	Biographical Sketch
Fradeani, Mauro F. M. **MD, DDS**		**Prosthetic Optimizing of Anterior Esthetics**	Proper esthetic and functional analysis, correct data transmission to the laboratory regarding the occlusal plane orientation and inclination, as well as the definition of an appropriate incisal edge position, allow dentists to achieve predictable successful results in prosthetic rehabilitation. A close cooperation between surgeons and prosthodontists is highly recommended, especially in the case of patients with a high smile line who have to be treated either on natural dentition or with implants in the anterior area. Material selection with dental ceramist plays a fundamental role in management of complex rehabilitation cases. This presentation will illustrate how the use of metal-free ceramic materials in the fabrication of bridges, crowns and veneers fabrication allow practitioners to achieve an excellent esthetic outcome	After graduating in medicine and surgery in 1979, Dr. Fradeani completed a specialization in dentistry at the University of Ancona in 1983. He is Past President of EAED-European Academy of Esthetic Dentistry (biennial 2003/2004) and Past President of AIOP-Accademia Italiana di Odontoiatria Protesica (biennial 1999-2000) and Visiting Associate Professor in Prosthetics at Louisiana State University (USA). He is Associate Editor of the European Journal of Esthetic Dentistry (EJED), member of the Editorial Board of Practical Periodontics & Esthetic Dentistry (PPAD) and of the Journal of Esthetic and Restorative Dentistry (JERD). Dr. Fradeani is an Active Member of The American Academy of Esthetic Dentistry. He maintains membership in The American Academy of Fixed Prosthodontics. He is the author of the book *Esthetic Rehabilitation in Fixed Prosthodontics" Vol 1 – Esthetic Analysis*, edited by Quintessence International and translated in 7 languages. He runs a private practice limited to prosthetics.

Name	Picture	Title of Presentation	Synopsis	Biographical Sketch
Epstein, B. Joel **DMD, MSD, FRCD(C), FDSRCSE**		**Diagnosis of Malignant and Non-malignant Lesions**	Early detection of mucosal abnormalities will lead to early diagnosis and intervention. In their practices prosthodontists may see patients with risk factors for oral cancer. This presentation will review current developments in the early detection of premalignant and malignant oral lesions.	Dr. Epstein graduated from dentistry from the University of Saskatchewan in Saskatoon, Saskatchewan, Canada, and received a certificate in Oral Medicine and Master's of Science degree in dentistry from the University of Washington in Seattle, Washington, USA. He is a fellow of the College of Dental Surgeons of Canada in Oral Medicine/Oral Pathology and a Diplomate of the American Board of Oral Medicine. He is currently Professor and Head of the Department of Oral Medicine and Diagnostic Sciences, and Director of the Interdisciplinary Program in Oral Cancer Biology, Prevention and Treatment at the Chicago Cancer Center, College of Medicine, and is an adjunct faculty member in the Department of Otolaryngology and Head and Neck Surgery of the University of Illinois at Chicago. Dr. Epstein has published in the areas of oncology, infectious disease, facial pain and general areas of oral medicine, with more than four hundred and fifty contributions to the literature.

Name	Picture	Title of Presentation	Synopsis	Biographical Sketch
Garber, David A. **DMD**		**Prosthetic Gingival Reconstruction on the Implant Restoration**	This presentation will offer insights into the way esthetics-driven dentistry over implants has evolved, and how, with implants, it is often essential to combine "pink" and "white" esthetics to achieve the ideal result. This three-dimensional philosophy involving gingival- colored restoratives incorporates new protocols and treatment planning for optimal implant cosmetics in the esthetic zone, particularly in cases of ridge deficiency. Pre-emptive CAD/CAM planning of soft and hard tissue grafts, and newly defined implant placement, and restorative design is now specifically differentiated for these prosthetic gingival restorations.	Dr. David Garber is one of the internationally recognized multidisciplinary educators well-known as "Team Atlanta." Dr. Garber is the recipient of "The 2005 Gordon J. Christensen Lecturer Recognition Award," The American College of Prosthodontics Distinguished Lecturer Award," The Northeastern Periodontal Society Isador Hirschfeld Award for Clinical Excellence," The Greater New York Academy of Prosthodontics Distinguished Lecturer Award." and "The David Serson Medal of Research." He is past president of the American Academy of Esthetic Dentistry and has served on the boards of both the AAED and the American Academy of Fixed Prosthodontics. Dr Garber is a dual-trained clinician and professor in the Department of Periodontics as well as in the Department of Oral Rehabilitation at the Medical College of Georgia. He is a Clinical Professor in the Department of Prosthodontics at Louisiana State University and a Clinical Professor in the Department of Restorative Dentistry at the University of Texas in San Antonio. He is past editor of the Journal of Esthetic Dentistry, past president of the AAED, and co-author of *Porcelain Laminate Veneers, Bleaching Teeth, Porcelain and Composite Inlays and Onlays, and Complete Dental Bleaching* and has published in excess of 60 articles and textbooks chapters.

=

Name	Picture	Title of Presentation	Synopsis	Biographical Sketch
Herbranson, Eric J. **DDS, MS**		**The Future of 3D Imaging in Prosthetic Education**	This presentation will examine the latest technology in prosthetic education, including a virtual occlusal adjustment, high resolution demonstration of the movements of the mandible with animation of the TMJ and the muscles of mastication during function. This interactive presentation will use 3D models presented in stereo. Also demonstrated will be a 3D atlas of the anatomy of the head and neck.	Dr. Herbranson received a BS in Physics in 1964 from La Sierra College, Riverside, California, He received his DDS degree in 1970 and an MS (in endodontics) in 1973 both from Loma Linda University. His is an Associate Lecturer, University of the Pacific School of Dentistry. Dr. Herbranson is Co-Founder of Brown and Herbranson Imaging. He has presented numerous lectures nationally and internationally since 1985 on endodontics, microscope photography, computer presentation technology, advanced imaging and visualization.

Name	Picture	Title of Presentation	Synopsis	Biographical Sketch
Johnson, Bart DDS, MS		**Tips, Tricks, and a Totally Geeky review of Local Anesthesia**	We all know how to administer effective local anesthesia. In this lecture we will have fun reviewing: -selection of local anesthetics -notes on Articaine and the gossip vs. data regarding its use -needle size, tissue density and trajectory -using radiography to predict local anesthetic failures -anesthetic injection sites beyond infiltrations and mandibular blocks -dealing with the "I can't get numb" and "I'm allergic to 'caines"' patients. Come enjoy a quick review of how to improve at being pokey and numb!	Bart Johnson is the Director of the UW GPR program in Seattle, Washington. He teaches internal medicine, sedation, medical emergencies, physical diagnosis, hospital dentistry, pharmacology, BLS and ACLS. He is a Diplomate of the American Board of Special Care Dentistry and treats medically compromised patients of all varieties. His research involves the molecular biology of retinoids implicated in the oncogenesis of breast, oral and hematopoietic cancers.

Name	Picture	Title of Presentation	Synopsis	Biographical Sketch
Kois, John C. **DMD, MSD**		**Functional occlusion: The Three P' s**	Our knowledge about occlusion has been based on gnathologic principles. These concepts are the basis of a mechanical system with focus on posterior determinants and mutual protection. If it is that simple, why is there so much controversy? Can we predict when functional problems develop or can we always create a therapeutic occlusion. This program will create a focus on three key components in understanding the biology of the system. In addition, it will develop more clarity in understanding the problems and concerns in encountered when creating a therapeutic occlusion in the human system. Course outline: **P_1** Position / TMJ (Orthopedic Position of Mandible) **P_2** Place / Occlusion (Home) **P_3** Pathway / Guidance (Driveway) Upon completion of this presentation, participants should be able to understand: 1. Utilizing rules or formulas to restore everyone is not possible. 2. Clinical protocols are often inadequate to diagnose the complexity of the masticatory system. 3. Mechanical protocols have biologic consequences.	Dr. Kois received his D.M.D. from the University of Pennsylvania, School of Dental Medicine and Certificate in Periodontal Prosthodontics with a M.S.D. degree from the University of Washington, School of Dentistry. He maintains private practices limited to Prosthodontics in Tacoma and Seattle and is an Affiliate Professor in the Graduate Restorative Program at the University of Washington. Dr. Kois continues to lecture nationally and internationally, is a reviewer for the International Journal of Prosthodontics and is a member of the Editorial Board of the Compendium of Continuing Education in Dentistry. Dr. Kois is the recipient of the 2002 Saul Schluger Memorial Award for Clinical Excellence in Diagnosis and Treatment Planning. His memberships in professional organizations include the American Academy of Restorative Dentistry and the American Academy of Esthetic Dentistry. In addition, he continues to work with restorative dentists at the Kois Center, a didactic and clinical teaching program.

Name	Picture	Title of Presentation	Synopsis	Biographical Sketch
McGregor, Adriana **DDS**		**Esthetic Periodontal and Implant Microsurgery: Expanding the Perio-restorative Synergy**	Solving the esthetic challenges we encounter daily during restorative treatment requires a demanding level of precision. Esthetic Periodontal and Implant Microsurgery have played increasingly prominent roles in achieving treatment outcomes never thought possible with conventional surgical techniques. Examples of innovative techniques for soft tissue implant rescue, immediate implant placement and provisionalization and minimally invasive sinus elevation techniques are presented to demonstrate how a microsurgical approach to addressing the periodontal aspects of treatment can enhance the restorative result to new levels of excellence.	Dr. McGregor holds dual degrees in periodontology, the most recent one from the University of Southern California where she served on the faculty as a Clinical Instructor from 1990 to 1994. Her interest in microsurgery began in 1994, at the dawn of the subspecialty and during her training under the supervision of Dr. Dennis Shanelec at the Microsurgery Training Institute, where she is now the Co-Instructor. She lectures internationally on esthetic periodontal and implant microsurgery. She is the 2007-2008President-elect of the Academy of Microscope Enhanced Dentistry. She maintains a private practice in Westlake Village, California, devoted exclusively to esthetic periodontal and implant microsurgery.

Name	Picture	Title of Presentation	Synopsis	Biographical Sketch
Mitrani, Ricardo **DDS MSD**		**Dentogingival Aesthetics…Interdisciplinary Approach to Treatment Planning**	One of the biggest challenges in contemporary dentistry is closing the gap between the different dental specialties. This challenge is is magnified by dental patients' desires for esthetically driven treatment options, including soft tissue grafting. It could be said that a significant fraction of what contemporary interdisciplinary dynamics deals with, are those cases where treatment involves either adding lost tissue (hard and/or soft) or removing redundant tissue for a dentogingival correction. In order to obtain consistent and predictable results, surgeons, restoring dentists, orthodontists and dental technicians should work as a team. This presentation will take a close look at communication tools between specialists when considering conventional restorative dentistry and implant supported restorations.	Dr. Mitrani received his DDS degree from the UNITEC University in Mexico City; he then obtained a certificate in prosthodontics as well as a Master of Science in Dentistry from the University of Washington, where he served as the Graduate Prosthodontics program's assistant director during the year 2001. He currently holds academic affiliations at the University of Washington, University of Valencia (Spain) and the Universidad Nacional Autonoma de Mexico. He is a member of several organizations including the International College of Dentists, American College of Prosthodontics and the American Academy of Fixed Prosthodontics. He also serves as a member of the editorial board of Practical Procedures and Aesthetic Dentistry in the implantology section, as well as the Journal of Esthetic and Restorative Dentistry. Dr. Mitrani has authored numerous scientific publications in the fields of implant prosthodontics and aesthetic dentistry, has lectured nationally and internationally, maintaining a private practice limited to prosthodontics & implants in Mexico City.

Name	Picture	Title of Presentation	Synopsis	Biographical Sketch
Mora, Assad **DDS MSD FAC**P		**High Definition 3D Video: The Dawn of a New Era in Clinical Dentistry**	Enhancing precision of dental procedures is a perpetual goal in the pursuit of improving dental care and treatment outcomes. The operating microscope opened the eyes of dentists to new realities in dentistry. However, it did not change the reality of posture-dependent viewing. The postural limits of the operator's neck and back control the microscope's spatial working position and restrict the viewing angle. Moreover, the operator may assume viewing angles that are stressful and possibly harmful to the musculoskeletal structures during normal operations. This lecture will showcase the next generation magnification system designed without oculars for posture independent viewing. It allows the operator to view the operating field on a screen independent of postural restrictions. It expands the positional range of the microscope independently from any postural position to provide the operator with a comfortable operating posture. Real-time 1920x1080 stereoscopic 3D video resolution, foot controlled zoom (20x) and focus and an assistant station with correct 3D perspective are some of the standard features in the system. They provide the operator and the assistant with an accurate sense of depth during various clinical dental procedures while bringing comfort and productivity to increased precision under expanding microscope magnification and visual access. The potential impact of 3D video as a teaching model in clinical prosthodontics will also be discussed.	**Dr. Assad F. Mora** DDS, MSD, FACP Dr. Assad Mora is a Board Certified Prosthodontist and a Fellow in both the American College and the International College of Prosthodontists. He is recognized as a pioneer in the field of microdentistry and serves as the 2007 President of the Academy of Microscope Enhanced Dentistry. Dr. Mora is a 1979 graduate of the Indiana University School of Dentistry and has held teaching positions there as well as at the UCSF School of Dentistry and the UOP School of Dentistry. His current interest is in the development of an innovative 3D-video microscope. He has published and lectured nationally and internationally on restorative microdentistry and 3D video microscope systems. For the past 16 years, he has maintained a private practice with his wife Kathy, an Endodontist, in Santa Barbara, California.

Name	Picture	Title of Presentation	Synopsis	Biographical Sketch
Sorensen John A. **DMD PhD FACP**		**Ceramics & CAD/CAM: A Bridge to the Future**	With the development of ever more sophisticated CAD/CAM systems and high strength ceramics, dentistry finally has all-ceramic systems that rival metal-ceramics. Dr. Sorensen will document the status of ceramic materials from alumina to zirconia throughout clinical studies and differentiate between systems for use as crowns, bridges and implant abutments. Esthetic comparison, ceramic system selection criteria and clinical indications will be demonstrated.	Dr. Sorensen is founder and director of Pacific Dental Institute in Portland, Oregon. At PDI he is engaged in a practice limited to prosthodontics, and is currently conducting seven clinical trials on all-ceramic systems, materials testing, and extensive hands-on and patient treatment CD programs. Previously he was The Oregon Dental Associate Centennial Professor of Restorative Dentistry and Director of the Dental Research Center at Oregon Health Sciences University.

Name	Picture	Title of Presentation	Synopsis	Biographical Sketch
Tokutomi, Hiro **RDT Manager/Ceramist**		**The Achievement in Lab Work- esthetic to Precision**	Color fusion to a natural tooth by ceramics is one the most difficult and immeasurably time-consuming aspects of esthetic restorative treatment. However, all patients expect the least number of visits to the hospital and a short time frame in which the prostheses is fabricated. This lecture will review the necessary knowledge and the roles of the dentist and the dental technician in order to prevent errors at the time of shade selection. In addition, Mr. Tokutomi will present a method to confirm the color of a prosthesis by showing several clinical cases.	Mr. Hiro Tokutomi proceeded to post graduate study at Osaka Training Center after graduating from College of Kumamoto Dental Technology in 1993. He started his career as a dental technician in 1994 and moved to the USA to join Cusp Dental Research, Inc. in Boston in April 1998. His work is focused upon the development of ceramic restorations with the esthetic characteristics of natural teeth and upon the dentist-technician communication attendant to this task.

Name	Picture	Title of Presentation	Synopsis	Biographical Sketch
Van Roekel, Ned B. **DDS MSD**		**Prosthodontic Treatment Outcomes**	Accurate information regarding outcomes for the various prosthetic modalities in use today would be invaluable when developing treatment plans for patients. The importance of providing evidence based dental therapy has been emphasized in recent years. This presentation will discuss data obtained in a systematic review of the literature relative to complete dentures, fixed and removable partial dentures, and cast metal or ceramic restorations. After this presentation, the participant will be able to: 1. describe the efficacy of various prosthetic modalities currently utilized in clinical practice, 2. describe the appropriate treatment for a specific clinical situation using information derived from clinical research and 3. describe factors affecting the prognosis of various types of prostheses and restorations.	Dr. Van Roekel is currently in private practice in Monterrey, California. He is a Diplomate of the American Board of Prosthodontics, a past president of the American College of Prosthodontists, and the American Academy of Restorative Dentistry. Dr. Van Roekel is a reviewer for the International Journal of Oral and Maxillofacial Implants.

Name	Picture	Title of Presentation	Synopsis	Biographical Sketch
Vargas, Marcos A. **DDS MS**		**Predictable Lifelike Anterior Esthetic Restorations in Daily Practice.**	Patient demands for esthetic and conservative dentistry have emphasized the need to produce life-like anterior restorations. Resin composite materials with expanded shades, various opacities and improved handling have the potential to produce functional, long lasting, personally rewarding, cost effective, predictable and highly esthetic direct anterior restorations in daily practice. Knowledge and understanding of the optical properties of tooth structure and restorative materials, along with appropriate techniques will permit practitioners to fabricate imperceptible direct anterior esthetic restorations.	Marcos A. Vargas received his DDS in Lima, Peru. He attended a two year AEGD program at Eastman Dental Center in Rochester, New York and received a Certificate in Operative Dentistry and Master's of Science from the University of Iowa where he is currently an Associate Professor in the Department of Family Dentistry. Dr. Vargas has published extensively in dental adhesion and resin composites. He is actively engaged in continuing education both nationally and internationally, having done many hands-on seminars with resin composites.

Name	Picture	Title of Presentation	Synopsis	Biographical Sketch
Wataha, John C. **BS, DMD, PhD**		**Alloys versus Ceramics: a Challenging Dental Dichotomy**	Alloys remain a critical component of most long term dental prostheses. However the success of alloy-containing restorations depends on the appropriate use of increasingly complex, diverse, and innovative alloys. Furthermore, the rapid evolution of ceramic materials has made choosing between alloy-ceramic and all-ceramic restorations an increasingly difficult challenge in treatment planning. This presentation will give an overview of nature of dental alloys and their important physical and biological properties. We will discuss how the practitioner can appropriately and rationally select and balance alloys and ceramics to optimize prosthodontic restorations.	John C. Wataha, DMD, PhD is Professor in Oral Biology and Maxillofacial Pathology in the School of Dentistry at the Medical College of Georgia. At the Medical College of Georgia, he teaches dental anatomy and occlusion, operative dentistry, dental materials, and biochemistry. He has published 130 abstracts, 126 articles in peer-reviewed journals, and 27 book chapters in the field's prominent biomaterials textbooks. He serves as a reviewer for 18 scientific journals, is on the editorial board of 4, and has given over 100 invited presentations on biocompatibility and biomaterials world-wide. He is coordinator of a collaborative and highly interdisciplinary research group at MCG that investigates the cellular and molecular interactions between oral tissues and materials--a field known as biocompatiblity. Dr. Wataha maintains collaborative relationships with investigators in Switzerland, Japan, and several groups in the United States, including Baylor College of Dentistry and Savannah River National Laboratory.

Name	Picture	Title of Presentation	Synopsis	Biographical Sketch
West, John DDS MSD		**ENDODONTIC PREDICTABILITY** **"Restore or Remove: How Do I Choose?"**	Next Monday you examine a new patient with a high dental IQ and appreciation for esthetic dentistry. Radiographs provide evidence of a central incisor with an endodontic lesion that has not healed. You know the high predictability of dental implants and also have heard about new endodontic technologies to predictably save endodontic teeth. What are the two key questions to ask and answer in order to determine whether the tooth should be restored or removed and replaced? Two learning objectives: 1. What are the guidelines to choose whether to restore or remove the diseased endodontic tooth? 2. If restoration is chosen, how and when do you apply new endodontic technologies for success?	**Dr. John West** is founder and director of the CENTER FOR ENDODONTICS™. "Pioneering New Possibilities in Endodontics" in Tacoma, Washington. He currently serves as a trustee of the American Association of Endodontists Foundation, has served on the Educational Affairs Committee and Committee on Dental Care and Clinical Practice for the AAE, and is an international lecturer and teacher. Dr. West is a member of the American Academy of Esthetic Dentistry and the International College of Dentists. Dr. West is an editorial board member of The Journal of Esthetic and Restorative Dentistry and scientific editor for Boston University's Communiquè. He is Affiliate Associate Professor at the University of Washington Graduate Endodontic Program and Clinical Instructor at Boston University, Henry M. Goldman School of Dental Medicine, where he received his MSD in endodontics as well as earning the 1995 Distinguished Alumni Award. He is senior author of "Cleaning and Shaping the Root Canal System" in Cohen and Burns' 1994 and 1998 *Pathways of the Pulp*, is a contributing author to the 1995 edition of Goldstein and Garber's *Complete Dental Bleaching*, and co-authored "Obturation of the Radicular Space" with Dr. John Ingle, in Ingle's 1994 and 2002 editions of *Endodontics*. Dr. West has presented over 400 days of continuing endodontic education in North America and Europe. Dr. West continues to be recognized as one of the premier educators in clinical and comprehensive endodontics in the world today. Dr. West maintains a private practice in Tacoma, Washington.

Reserve Essayist

Name	Picture	Title of Presentation	Synopsis	Biographical Sketch
Phillips, Keith M. **BS DMD MSD**		**Prosthetic Space Considerations: Its Impact on Surgical Placement**	Implant dentistry has become an everyday procedure for tooth replacement due to predictability and conservation of tooth structure. However, implant prosthesis many times can be compromised by inadequate space due to malpositioned dental implants in relation to the proposed prosthetic replacement. Through the use of case presentations, prosthetic and esthetic guidelines will be developed to aid in determining the necessary vertical space parameters required for proper surgical implant placement. This proper surgical technique will help facilitate the fabrication of different types of implant retained and supported prosthesis. Course Objectives: Upon completion of this presentation, the participants should be able to: -understand space relationships of various prosthetic designs, -learn biomechanical treatment planning concepts, understand surgical-prosthetic interrelationships and -tie these together to develop individualized diagnoses and treatment plans.	Dr. Keith M. Phillips received his DMD from the University of Pennsylvania School of Dental Medicine and a certificate in Prosthodontics with an MSD from the University of Washington. After completion of his postdoctoral training Dr. Phillips became Assistant Professor of Restorative Dentistry at the University of Pennsylvania School of Dental Medicine as well as Chief of Restorative Dentistry at the University of Pennsylvania Medical center. Dr. Phillip returned to the University of Washington to become Director of the Graduate program in Prosthodontics at the University of Washington from 1996 to 2004. He is presently the Associate Director of Graduate Prosthodontics at the University of Washington and maintains a private practice in Tacoma, Washington, with major areas of focus on periodontal prosthodontics and implant assisted oral reconstruction. He is a Fellow of the American College of Prosthodontists and a Diplomate of the American Board of Prosthodontics.