THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS

FIFTY-SIX YEARS OF EXCELLENCE



Visionary Therapy

56TH ANNUAL SCIENTIFIC SESSION Friday, February 23, 2007 Saturday, February 24, 2007

CHICAGO MARRIOTT DOWNTOWN 7TH FLOOR BALLROOMS I, II, III

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February 22-23, 2008

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THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS MISSION AND GOALS

The mission of The American Academy of Fixed Prosthodontics is to foster excellence in the field of fixed prosthodontics, implants, and esthetic dentistry through mutual study, participation, and cooperation. The Academy shall:

- Provide for educational enrichment of those with a recognized commitment and dedication to the field of fixed prosthodontics, implants and esthetic dentistry.
- 2. Represent the discipline of fixed prosthodontics at all levels of the dental profession.
- 3. Promote excellence in patient care.
- 4. Promote excellence in teaching.
- 5. Encourage and support research in fixed prosthodontics.
- Promote camaraderie and fellowship among the members of the Academy.

Authored by: Dr. Stephen D. Campbell

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THE ORIGIN AND HERITAGE OF THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS

The American Academy of Crown and Bridge Prosthodontics has been, and, under its new name, The American Academy of Fixed Prosthodontics, approved in February 1991, will continue to be the leading national voice of fixed prosthodontics. Its membership is composed of educators, clinical practitioners, and researchers of this important discipline of dentistry.

The purpose of this organization is to achieve, by mutual study and cooperation, activities reflecting a high and ethical standard of practice as well as teaching and research in the art and science of crown and bridge prosthodontics.

The Academy had its origin in 1950 in Chicago, Illinois. The three men who deserve credit for the concept and preliminary planning for the Academy were: Dr. Stanley D. Tylman, Dr. Claude R. Baker, and Dr. George H. Moulton. These men of vision rallied other important leaders in the crown and bridge field to actively support their cause. Together, they planned an organizational meeting that took place at the Stevens Hotel on February 5, 1951. Those present at that meeting were: Doctors Stanley D. Tylman, Arthur O. Klaffenbach, Robert P. Dressel, Alver Selberg, Charles E. Peterka, Earl A. Nelson, Claude R. Baker, and George H. Moulton. Dr. Baker was chosen as temporary chairman and Dr. Moulton as temporary secretary.

The next meeting was at French Lick, Indiana, on March 19, 1951, where the tentative Constitution and Bylaws were presented for final approval. Charter members were initiated into the Academy on February 2, 1952, in Chicago, making this the first annual meeting of The Academy of Crown and Bridge Prosthodontics. We have continued to grow and expand our national and international membership to our present total of over 600 active and life members in 21 different countries.

Members of today have a proud heritage in the Academy. We continue to dedicate ourselves to the pursuit of knowledge, truth, and competency in research, in teaching, and in the clinical practice of crown and bridge prosthodontics.

Authored by: Dr. Jesse T. Bullard

PAST PRESIDENTS

PAST PRESIDENTS			
	Claude R. Baker1	952-5	
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	Everett Carl Brooks	196	
	Ernest B. Nuttall		
	Fred Norman Bazola		
	John D. Adams		
000	Robert Conley Zeisz		
0	Willis Edward Corry		
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	H. Philip Pierpont	200	
	Jane D. Brewer	200	
*	Deceased - 5 -		



PRESIDENT'S MESSAGE DR. JANE D. BREWER 2006-2007

Welcome to the 56th Annual Scientific Session of The American Academy of Fixed Prosthodontics! I hope you share my enthusiasm for this yearly Chicago experience. This city has so much to offer - fabulous restaurants, shopping, museums, music, theater, clubs, waterfront - and for those winter enthusiasts- some invigorating blasts of cold air. But close to my heart (this year especially) is our Academy meeting with its opportunities to re-charge professionally, catch-up with colleagues and spend time with friends.

Kent Knoernschild has put together a diverse program touching on five different areas of practice - dental implants, esthetics, orofacial pain, diagnosis driven treatment decisions and the business of dental practice. As responsible and respected clinicians we must be aware of what evidence exists to support our treatment decisions, we should identify those factors which will affect the longevity of our restorations, and we must focus on restoring and maintaining oral health rather than "doing things to the teeth". This program will strengthen these ideals and offer some new perspectives for our practices and teaching endeavors. And I hope it will fuel your enthusiasm to continually strive toward excellence in delivering clinical treatment.

Our table clinics will be ongoing during a casual lunch session on Saturday. Table Clinic Chair Carl Driscoll has again selected a fine group of clinicians who will present a variety of research projects or clinical techniques. Many of these Clinicians are the future leaders of our discipline, we encourage you to listen, question and engage them in discussion. The commercial exhibits, assembled by Ted Jenkins, will also be open during this time, with light lunch available in the exhibit hall.

I look forward to seeing you all at the Annual Luncheon on Friday where new members will be inducted, and those who have contributed significantly to the discipline of fixed prosthodontics will be honored. Directly following Friday's afternoon session you will have an opportunity to socialize with one another during our Member-Guest Cocktail Program.

Whether you are a seasoned Academy member, a first-time attendee, or an advanced education student you will find learning opportunities in an atmosphere of friendship, collegiality and enthusiasm. Please enjoy this experience, join in, and become a regular.

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(*DATE LISTED IS DATE AWARDED - AWARD ADJUDICATED THE YEAR PRIOR)

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1980: Not awarded

1981: Dr. Timothy O. Hart

1982: Not awarded

1983: Dr. David Alan Chance

1984: Dr. Jeffrey L. Hudgins

1985: Dr. George W. Kay

1986: Dr. Anthony J. G. Dickinson

1987: Dr. Izchak Bartzilav

1988: Dr. Susan E. Brackett

1989: Not awarded

1990: Dr. Shane N. White

1991: Not awarded

1992: Not awarded

1993: Dr. Louis Menegotto

1994: Dr. Syed Faheem Rasool

1995: Dr. Fonda G. Robinson

1996: Dr. Paula K. Yliheikkila

1997: Dr. Kevin H. O'Boyle

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1993: Ernest B. Nuttall

Max Kornfeld

1994: Robert J. Nelson

1995: Everitt V. Payne

1996: Samuel E. Guyer

1997: Roland W. Dykema

1998: Herbert T. Shillingburg, Jr.

1999: Not Awarded

2000: Lloyd L. Miller

2001: Ralph Yuodelis

2002: Robert S. Staffanou

2003: Maurice H. Martel

2004: Ronald D. Woody

2005: Charles J. Goodacre

2006: Kenneth Malament

2007: Stephen D. Campbell

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ANNUAL MEMBERSHIP DINNER AND BUSINESS MEETING THURSDAY, FEBRUARY 22, 2007

5:30PM-7:00PM Early Registration for Members

5th Floor Foyer

5:30PM-7:00PM Early Registration for Guests

7th Floor Foyer

6:00PM Members Cocktail Reception

5th Floor Foyer

7:00PM Members Annual Dinner

5th Floor Chicago Ballroom

8:00PM Members Annual Business Meeting

> 5th Floor Chicago Ballroom President's Message **Business Meeting** Town Hall Meeting

9:00PM Adjourn



Dr. Kent Knoernschild 2007 Program Chairman



Dr. E. Ricardo Schwedhelm Program Co-Chairmen '08



Dr. Jerry Andres Program Co-Chairman '08



Dr. Martin Land Ex Officio



Dr. Steven Rosenstiel Ex Officio

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2007 TABLE CLINICS PROGRAM FIFTH FLOOR BALLROOM, 12:00PM-1:45 PM EXHIBITS OPEN, FOOD AVAILABLE TABLE CLINIC CHAIRMAN DR. CARL DRISCOLL

- Natural decrease of osteoconductive potential of titanium over time. Dr. Wael Att
- Customized implant abutments using the Straumann Cares System.
 Dr. Elias Kontogiorgos, Dr. Charles M. Allen, Jr.
- An alternative method of shade selection for indirect dental.Dr. Joe Meng, Dr. Michael Ryan
- 4. Surface treatment and alloy type effects on tensile strength of resin cement. Dr. Amara Abreu
- Influence of remaining coronal tooth structure location on fracture resistance of teeth. Dr. Clarisse Mg, Dr. Phu Tranm
- 6. Prosthodontic management of a maxillary canine in the central incisor position: A case report. Dr. Michelle Newby, Dr. Lucy Nagashima
- 7. Segmented PFM fixed complete denture joined by non-rigid connectors: a clinical report. Dr. Michael Opedisano, Dr. Juan Ramirez
- 8. Wax checkbite vs. mechanical axiography in setting the progressive side shift. Dr. Salem Akkad
- A comparison of translucency measurement among colorimeter, spectophotometer, and spectoradiometer.
 Dr. Min-chieh Liu
- Full mouth rehabilitation with both natural dentition and implant supported fixed partial denture: a clinical report.
 Dr. Akihiko Shirakura, Dr. Carlo Ercoli
- 11. Marginal fit of the Digidaent CAD/CAM zirconia ceramic crowns. Dr. Jae-Ho Yang, Dr. Jung-Suk Han

2007 TABLE CLINICS PROGRAM CONTINUED

- 12. Teaching of vital tooth bleaching in North American denta schools. Dr. Chris Lynch
- 13. Oral rehabilitation of an epidermolysis bullosa patient with implant supported prosthesis. Dr. Heeje Lee
- 14. Radiographic planning for implants using foil markers wit a cone beam CT. Dr. Frank Lozano
- Reactivation of zinc-oxide eugenol cements: an in-vitr study. Dr. Graham Dersley
- Evidence based immediate placement of dental implantation.
 Dr. Hamidreza Mirsepasi
- 17. A predictable technique for the simultaneous placement of porcelain veneers. Dr. Howard Strassler
- 18. Improvement of "soft tissue esthetics" in dental in plants using various connective tissue graft techniques. Dr. Soongryong Jung, Dr. Rami Jandali
- Defining a natural tooth color space based on 3-D shad system. Dr. Judy Yuan (2nd Place Tylman Award)
- 20. The effect of CTE on pressible ceramic fused metal implai abutments. Dr. Sungtae Kim
- Comparison of Flexural Modulus, Fracture Toughness an Flexural strength of composite provisional fixed prostl odontic restorations. Dr. Alexander J. Moheban (NSR) Award Recipient)
- 22. Radiographic evaluation of all-ceramic margins. Dr. Mar Ibeth Ossa (Third Place Tylman Award)
- 23. The "S" sound and mandibular bone resorption in partial edentulous patients: A case report. Dr. Sunny Cousin-Aller

THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS FIFTY-SIXTH ANNUAL SCIENTIFIC SESSION FRIDAY, FEBRUARY 23, 2007

Visionary Therapy

7:00AM Registration, 7th Floor Foyer, Salon III Continental Breakfast in Exhibit Hall

8:00AM Introduction

Dr. Jane Brewer, President

Dr. Kent Knoernschild, Program Chairman

Advancing Dental Implant Patient Therapy

8:15-9:15AM Dr. Asbjorn Jokstad, Dental Implant Therapy Trends, Literature Critical Appraisal

9:15-10:15AM Dr. Clark M. Stanford, The Bearing of Fruits from

Translational Sciences

10:15-10:45AM Break in the Exhibits Hall*

(All Members, Guests and Students Invited)

10:45-11:45AM Dr. Sonia Leziy, Perfect Planning for Perfect

Esthetics

11:45-12:00PM Dr. Heather J. Conrad, First Place Tylman Award

Recipient, Accuracy of Two Impression Tech-

niques with Angulated Abutments

12:00-1:30 PM ANNUAL MEMBER - GUEST LUNCHEON

(5th Floor Ballroom, All Members, Guests and Students

Invited)

Enhancing Esthetics

1:30-2:30PM Dr. Harel Simon, Gingiva-Colored Ceramics: An

Esthetic Vision for Implant Prosthodontics

2:30-3:30PM Dr. Jimmy Eubank, Combining Esthetics and Oc-

clusion for Longevity

3:30-4:00PM Break In Exhibits Hall*

(All Members, Guests & Students Invited)

4:00-5:00PM Dr. Pascal Magne, Do We Still Need Stabilization

and Retention

5:15PM ANNUAL MEMBER-GUEST COCKTAIL RECEPTION*

Note: *Exhibits will be open continuously from 7:00AM to 5:00PM for your convenience.

*All food and refreshments will be served in the 7th Floor Exhibit Hall.

THE AMERICAN ACADEMY OF FIXED PROSTHODONTIC FIFTY-SIXTH ANNUAL SCIENTIFIC SESSION SATURDAY, FEBRUARY 24, 2007

Visionary Therapy

7:00AM Registration, 7th Floor Foyer, Salon III
Continental Breakfast in Exhibit Hall

Understanding Orofacial Pain

8:15-9:15AM Dr. Charles S. Greene, Etiology of TMDs: Pa

Present and Future

9:15-10:15AM Dr. Christian Stohler, Temporomandibular Disorde

Cracking the Puzzle

10:15-10:45AM Break in the Exhibits Hall*

(All Members, Guests and Students Invited)

Linking Diagnoses with Therapy Results

10:45-11:20AM Dr. John P. Zarb, The Broad Impact of Diagnos

11:20-12:00PM UIC Advanced Prosthodontics, Decision Making

the Maxillary Anterior

12:00-1:45PM Annual Table Clinic Session & Light Lunche

Food Served in the Fifth Floor Ballroom & 7 Floor Exhibit Hall* (Exhibits will close at t

start of the afternoon program)

Expanding Your Practice

1:45-2:40PM Dr. Bruce Howerton, Jr., Three Dimensional Ima

ing in Dentistry

2:40-3:30PM Dr. Michael Colvard, Disaster Preparedness

3:30-4:20PM Dr. Baldwin W. Marchack, Branding Your Practi

4:20PM Closing Remarks, President Jane Brewer

For More Information about the Academy visit the AAFP Web site: www.fixedprosthodontics.org

* Note: Exhibits will be open continuously from 7:00AM to 2:00PM for your convenience
**Refreshments will be served in the 7th Floor Exhibit Hall



ASBJORN JOKSTAD, DDS, PhD Dental Implant Therapy Trends, Literature Critical Appraisal

Synopsis: Time is a limited resource for busy clinicians. Time committed to reading new research findings is also restricted. This presentation seeks to sum up the current oral implant research literature according to level of scientific evidence. It will also provide for the listener a framework for how to rapidly appraise a typical clinical research paper to identify what can be extrapolated into relevant actions in the clinical setting.

After this presentation, the participant will be able to:

- Describe an approach for evidence appraisal.
- 2. Describe how to apply clinical research for patient therapy.
- 3. Summarize overall strength of current oral implant research.

Curriculum Vitae: Asbjorn Jokstad, DDS, PhD, has been Professor and Head of Prosthodontics and Nobel Biocare Chair in Prosthodontics at the University of Toronto since September 2005. He is a former professor in restorative dentistry and later in prosthodontics at the University of Oslo, Norway. He received his DDS degree in 1979, PhD in 1992, and became a prosthodontic specialist in 1994. Dr. Jokstad has produced approximately 150 research and teaching publications, book chapters and abstracts with emphasis on evidence-based dentistry, clinical trials, toxicology and temporomandibular disorders.



Clark M. Stanford, DDS, PhD
The Bearing of Fruits from Translational Sciences

Synopsis: Implant therapy has made significant strides through improvements in clinical materials, procedures and prosthodontics approaches. Innovations now ripening include improvements in implant surface designs, applications of innovative procedures and increased predictability in special high risk patients for tooth replacement therapy. Nevertheless, the rapid changes in materials and procedures has created significant challenges in the design and performance of clinical trials for assessment prior to routine clinical use which impacts the varying regulatory environments and critical need to maintain this rapidly evolving translational science of true evidence-based support for patient care.

After this presentation, the participant will be able to:

- Describe the impact of biomaterial science on engineering specific tissue response.
- 2. Describe the impact of transmucosal abutment material and design on tissue response.
- Describe how this applies in particular to patients with elevated risk in implant therapy.

Curriculum Vitae: Dr. Clark Stanford is Centennial Fund Professor for Clinical and Translational Research in the Dows Institute for Dental Research and in the Department of Prosthodontics, University of Iowa. He holds an appointment in the Department of Orthopaedic Surgery, College of Medicine, University of Iowa. He received his BS (1984), DDS (1987), Certificate in Prosthodontics and PhD (Cell Biology, 1992) from the University of Iowa, where he has been on the faculty since 1992. His research areas deal with osteoblastic gene expression. He also runs the Office for Clinical Research in the College of Dentistry and is the Associate Director for the NIH General Clinical Research Center at the University of lowa Hospitals and Clinics. In this role he helps to organize and perform basic, transitional and clinical research studies. Dr. Stanford is author of 6 book chapters, 65 published papers and more than 140 published abstracts. He received research funding from NIH Foundation and from 3M/ESPE, GC America, Straumann ITI, and Astra Tech Dental. He currently serves on multiple national and international committees. These include leadership positions in the IADR, ADA, and ACP. He has received 16 academic awards and is on the review board for 9 journals and associate editor for 3 additional journals. He has given multiple national and international presentations on clinical and basic research topics.



Sonia Leziy, DDS, Dipl Perio, FCDS(BC), FRCD(C)

Perfect Planning for Perfect Esthetics

Synopsis: Creating a natural smile demands that restorations on teeth and implants must be in harmony with the surrounding dentition. It is also unquestionably recognized that the interplay of restorations with the soft tissue framework plays an equally important role in developing natural esthetics. This session will explore the treatment strategies and techniques that are used to optimize the esthetic outcome of implant treatment from extraction to case completion.

After this presentation, the participant will be able to:

- . Describe hard and soft tissue augmentation procedures routinely used with implant surgery.
- Describe the influence of implant design and 3-D positioning on hard and soft tissue outcomes.
- Describe the role of provisionalization in perfecting soft tissue architecture.

Curriculum Vitae: Sonia Leziy, DDS, received her dental degree from McGill University and post-graduate degree in periodontics from the University of British Columbia. Dr. Leziy is a Fellow of the Royal College of Dentists of Canada. She is a member of the NobelKnowledge Web Expert-Panel, the Nobel Biocare Global Scientific Planning Committee and Associate Clinical Professor at the University of British Columbia. She lectures internationally on the subject of implants and aesthetic surgery. Dr. Leziy maintains a full-time private practice, specializing in advanced implant surgery.



Heather J. Conrad, DMD, MS

Accuracy of Two Impression Techniques

with Angulated Abutments.

First Place Tylman Award

Synopsis: Accurate recording of implant locations is required so that definitive restorations are properly supported and do not place additional stress on the implants. Angulated implants may lead to inaccurate impressions, and the impression technique may affect the accuracy of the definitive cast. The purpose of this study was to determine the effect of implant angulation, impression technique, and implant number on the accuracy of the implant definitive cast.

After this presentation, the participant will be able to:

- Describe the effect of factors that affect implant master cast accuracy.
- 2. Describe the general magnitude of cast inaccuracy.
- Recommend general approaches for predictably accurate master casts.

Curriculum Vitae: Dr. Heather Conrad is a 1997 graduate of the University of the University of Saskatchewan, Canada. After six years of private practice she pursued an academic career and began her post-graduate studies in prosthodontics at the University of Minnesota. She was awarded the ACP Educational Foundation Scholarship in 2003 and 2005 as well as the AAFP Stanley Tylman Research Grant in 2004. Upon graduation in 2006, she accepted a position as Assistant Professor at the University of Minnesota School of Dentistry.

ANNUAL ACADEMY LUNCHEON

2007 STANLEY D. TYLMAN RESEARCH AWARDS

Dr. Steven Morgano, Chairman, Tylman Research Committee

FIRST PLACE AWARD

Dr. Heather J. Conrad

University of Minnesota School of Dentistry
Accuracy of two impression techniques with angulated abutments
Research Supervisor: Igor Pesun
Program Director: James Holtan

SECOND PLACE AWARD

Dr. Judy Yuan

SUNY University at Buffalo School of Dental Medicine

Defining a natural tooth colors space based on a 3-D shade system

Research Supervisor: Jane Brewer

Program Director: Edward Monaco

THIRD PLACE AWARD

Dr. Mary Ibeth Ossa University of Maryland, Baltimore College of Dental Surgery Radiographic evaluation of metal and ceramic crown margins

> Research Supervisor: Carl Driscoll Program Director: Carl Driscoll

CLAUDE R. BAKER TEACHING AWARD FOR EXCELLENCE IN TEACHING PREDOCTORAL FIXED PROSTHODONTICS

Dr. Michael Litvak, Chairman, Claude R. Baker Teaching Award Committee

Dr. Shigemi Ishikawa-Nagai 2007 Recipient

GEORGE H. MOULTON AWARD "OUTSTANDING ACHIEVEMENT IN THE ART AND SCIENCE OF FIXED PROSTHODONTICS"

Dr. Davis Garlapo, Chairman, George H. Moulton Award Committee

Dr. Stephen D. Campbell 2007 Recipient

2007 AAFP-AADR NATIONAL STUDENT RESEARCH GROUP AWARD IN FIXED PROSTHODONTICS

Dr. Philip Pierpont, Immediate Past President

Dr. Alexendar Jacob Moheban 2007 Recipient

PRESENTATION OF NEW AAFP MEMBERS

Dr. Jane D. Brewer, President

*We wish to acknowledge the generous support of the following corporate sponsors for the Tylman Award: The Editorial Council of *The Journal of Prosthetic Dentistry*, Nobel Biocare, Waterpik, Brasseler, Straumann, and Astra Tech Dental.

Friday, February 23, 2006 1:30PM - 2:30PM



Harel Simon, DMD
Gingiva-Colored Ceramics: An Esthetic Vision for
Implant Prosthodontics

Synopsis: Healthy appearance of the supporting tissue and its architecture are key components for achieving an esthetic dental restoration. It is therefore essential that the gingival tissue surrounding a restoration would be similar to that of the healthy adjacent teeth to create the illusion of natural dentition. The use of gingiva-colored ceramics has been suggested to address the esthetic needs in such patients. The purpose of this presentation is to discuss the use of gingiva-colored ceramics in implant prosthodontics as well as the advantages and disadvantages of this treatment modality.

After this presentation, the participant will be able to:

- 1. Discuss the importance of proper gingival architecture.
- 2. Describe the applications of gingiva-colored ceramics.
- Discuss the use of gingiva-colored ceramics as a treatment modality in implant reconstruction.

Curriculum Vitae: Dr. Harel Simon received his DMD from the University of Jerusalem, Israel in 1991. He received his specialty certificate in advance prosthodontics from UCLA School of Dentistry in 2000. Dr. Simon is an active member of various professional organizations including the American College of Prosthodontists, the Academy of Osseointegration, and the Pacific Coast Society of Prosthodontists. He has conducted research, published and lectured nationally and internationally on esthetics and implant prosthodontics. He currently serves on the editorial review board of *The Journal of Prosthetic Dentistry and Quintessence. International* and is the chairman of the Parameters of Care Committee of the *American College of Prosthodontists*. Dr. Simon practices in Beverly Hills and is a clinical assistant professor at the University of Southern California School of Dentistry.



Jimmy Eubank, DDS
Combining Esthetics and Occlusion for Longevity

Synopsis: The number one reason people go to the dentist today is to improve their smile. Patients want to look better, and today dentists can deliver results that mimic nature. A natural result does not happen by accident. It happens because dentists educate themselves about rules, tools and strategies of esthetics. However, delivering superior esthetics alone is not enough to insure long term success. Restorations must function comfortably over a long period of time. Longevity of esthetic restorations is the expected result of our patients. Predictable longevity is achieved by a practical knowledge of how to manage the forces that exist in each individual patient.

After this presentation, the participant will be able to:

- Describe critical diagnostic factors influencing planning and therapy.
- Describe interaction between esthetic principles and occlusion.
- 3. Describe how the interaction influences restoration longevity.

Curriculum Vitae: Dr. Jimmy Eubank is an internationally recognized leader in the field of esthetic and functional dentistry with over 30 years if clinical experience. A graduate of The University of Texas School of Dentistry in Houston, Dr. Eubank has the unique distinction of being the only professional accredited as both a dentist and a laboratory technician in the American Academy of Cosmetic Dentistry. Dr. Eubank has also trained with master ceramists in the United States and Europe, making him an end-to-end expert on esthetics and occlusion. He is currently the Director of the Post Graduate Esthetics Continuum at Louisiana State University School of Dentistry. Additionally, he co-directs programs at LSU, the University of California at Los Angeles, the State University of New York at Buffalo and the University of Minnesota. His other professional distinctions include being a fellow and past accreditation chairman of the American Academy of Cosmetic Dentistry, a fellow of the Academy of General Dentistry, and a fellow of the American Academy of Esthetic Dentistry. Dr. Eubank currently maintains a comprehensive care practice and laboratory focused on esthetics and occlusion in Plano, Texas. He has served as a consultant for Cosmedent, Inc.

Friday, February 23, 2007 4:00PM - 5:00PM



Pascal Magne, DMD, PhD

Do We Still Need Stabilization and Retention?

Synopsis: Traditional prosthodontic stabilization and retention principles do not align with the natural tooth biology (pull survival), function and mechanics. A "biomimetic approach" is proposed in which all prepared dental tissues are returned to full function through a hard tissue bond that allows functional stresses to pass through the tooth. This draws the entire crown into a final functional, biologic and esthetic result. This is in sharp contrast to the PFM or PFC technique in which the stimetal/ceramic coping makes the underlying tooth structure hypofunctional. New biomimetic principles will ultimately lead to the abandonment of intraradicular posts and full coverage crowns, thereby improving therapy medical-biological and socio-economic aspects (i.e., decreased cost compared to traditional more invasive prosthodontic treatments).

After this presentation, the participant will be able to:

- Define the biomimetic approach.
- Describe principles of adhesion and tooth preparation.
- Compare these principles to those for traditional prepara tion and restoration design.

Curriculum Vitae: Dr. Pascal Magne is an Associate Profes sor with Tenure and the Don and Sybil Harrington Foundation Chair in Esthetic Dentistry, Division of Primary Oral Health Care USC School of Dentistry. Dr. Magne received his Med. Dent (1989), doctorate (1992) and PhD (2002) from the University of Geneva Dental School, Switzerland (1989). He pursue postgraduate training in fixed prosthodontics and occlusion operative dentistry, and endodontics and was a lecturer at the same university from 1989 to 1997. He was Visiting Associate Professor at the Minnesota Dental Research Center for Bio materials and Biomechanics, UMN (1997-1999). Dr. Magne became Senior Lecturer in the Division of Fixed Prosthodontic and Occlusion at the University of Geneva in 2004. Dr. Magne is a recipient of awards from the Swiss Science Foundation, the Swiss Foundation for Medical and Biological Grants, and wa the 2002 Young Investigator Award recipient from the Interna tional Association for Dental Research. He has authored clin cal and research articles on esthetics and adhesive dentistr and has lectured internationally. Dr. Magne has also authore Bonded Porcelain in the Anterior Dentition - A Biomimetic Ap proach, which is translated into 7 languages.

5AM - 9:15AM



CHARLES S. GREENE, DDS
Etiology Of TMDs: Past, Present and Future

Synopsis: This lecture will describe what we actually do or do not know in regard to etiology of the common temporomandibular disorders. A second objective is to discuss how these kinds of patients should be treated today, in the face of incomplete knowledge of etiologies. Finally, the future research pathways to greater understanding of these disorders need to be identified.

After this presentation, the participant will be able to:

- 1. Describe past beliefs regarding TMDs.
- 2. Describe current knowledge of etiology of TMDs.
- 3. Identify what we still need to learn.

Curriculum Vitae: Dr. Charles Greene has been involved for many years in the clinical research and teaching in the area of temporomandibular disorders and orofacial pain. From 1965-1984 he worked with Dr. Daniel Laskin in the University of Illinois at Chicago TMJ and Facial Pain Research Center. From 1986 to 1995 he worked at Northwestern University with Dr. Harold Perry as co-director of their TMD Clinic. He has published over 100 articles, book chapters, and abstracts, and recently was co-editor of a multi-author book about temporomandibular disorders.

Saturday, February 24, 2006 9:15AM - 10:15AM



Christian Stohler, DMD, Dr. Med. Dent.
Temporomandibular Disorders: Cracking The Puzzle

Synopsis: Over the past 70 years, temporomandibular disorders (TMDs) have been subject to shifts in conceptual understanding. Unable to account for disease patterns, the mismatch between case assignment and treatment need and very different interventions producing similar treatment outcomes (except for the risk to patients), emerging theories make persuasive arguments in support of alternative explanations and novel treatments.

After this presentation, the participant will be able to:

- Describe rationale for difficulties in linking diagnosis an therapy.
- 2. Describe known underlying contributing factors.
- Describe current and future research approaches for patient management.

Curriculum Vitae: Dr. Christian Stohler trained at the Medica Faculty, University of Bern, Switzerland (DDS, 1974), graduat studies in oral surgery, and prosthodontics (doctoral degree joined the University of Michigan Dental School (1979) an Center for Human Growth and Development (1981) as Visitin Professor, Research Scientist, Professor, Research Directo Department Chair, William R. Mann Professor, and Roy an Natalie Roberts Distinguished Professor. He moved to th University of Maryland, Baltimore College of Dental Surger (2003) as Dean.

Saturday, February 24, 2007 11:20AM - 12:00 PM



John P. Zarb, DDS, MSc

The Broad Impact of Diagnoses

Synopsis: Clinical oral health research has focused on narrowly defined efforts designed to answer specific questions. No systematic methodology has been established for the transparent interaction of clinical research into the patient care, dental practice, and educational environment. As a result, little normative, diagnostic, and patient care outcome information is available, and patient care is largely experience driven. Meaningful information is lacking on the association of systemic and oral conditions, or the outcome of the care that we provide. A structured approach based on diagnostic codes enhances patient communication, tracks clinical outcomes and monitors best practices. Medical diagnostic code utilization has become a requirement where quality of care outcomes are closely monitored. Diagnostic codes in the dental profession will be a step toward practicing evidence based dentistry and improved oral health care.

After this presentation, the participant will be able to:

- Describe how diagnostic codes are used.
- Describe how codes can assist and improve treatment.
- Describe the impact of coding on the dental health care system.

Curriculum Vitae: Dr. John Zarb received his doctorate from the University of Detroit Mercy (1995). After a one-year General Practice Residency at the VA Hospital in Ann Arbor, MI, he completed graduate training at the University of Toronto (2002) and also earned his M.Sc. degree. He currently holds an appointment a the University of Illinois at Chicago and co-directs a seminar for the UIC Advanced Prosthodontic Program called Comprehensive Dental Implant Literature Review: Evidence Based Critical Appraisal. Dr. Zarb is a staff prosthodontist in the University of Toronto Implant Prosthodontic Unit and at the Mt. Sinai Hospital in Toronto. He has experience in surgical and prosthetic implant dentistry education at undergraduate and graduate levels. Dr. Zarb joined Prosthodontics Associates (2003) and is a Fellow of the Royal College of Dentists of Canada.

UIC Advanced Prosthodontics Decision Making for the Maxillary Anterior

Joon Han, DDS
Jmi Bassett, DMD
Samantha Chou, DMD
Fatemeh Afshari, DMD
Nihal Bicakci, BDS
Allison Broyles, DMD

Synopsis: Treatment planning decisions in the maxi lary anterior region are complex. Regardless of th therapeutic intervention, the clinician must first have fu awareness of patient expectations. To make the bes most predictable, treatment decisions, the clinician mus integrate that awareness with clinical experience and wit the best available information that address a multitude of factors influencing therapy. Such a fundamental approac is the essence of patient-centered care. This presentatio will use a practical method for identifying and appraisin literature that supports daily decisions in clinical practic using patient scenarios. Specific factors that direct relate to clinical concerns will be recognized, and relevan and concise clinical questions relating to treatment dec sions will be presented. After pertinent clinical literatur is appraised, meaningful summaries that directly relat to the posed clinical question will be presented.

After this presentation, the participant will be able to:

- Describe longevity of direct and indirect veneers; meta ceramic vs. all ceramic crowns.
- Describe longevity of endodontically treated teeth compared to maxillary anterior implants.
- 3. Describe rationale for socket preservation.
- Describe patient satisfaction with immediate implar therapy.

Saturday, February 24, 2006 2:40 - 3:30 PM



W. Bruce Howerton, Jr., DDS, MS Three Dimensional Imaging In Dentistry

Synopsis: Dr. Howerton is leveraging the creation of high quality images from Cone Beam CT systems and the effective delivery of those images to dental professionals via the World Wide Web and CD media (www.carolinaomfimaginng.com). Dr. Howerton will demonstrate basic principles of CBCT, examples of studies offered on the World Wide Web, and illustrate third-party dental implant guided software such as SimPlant and Nobel Biocare Procera software.

After this presentation, the participant will be able to:

- 1. Describe principles of cone beam CT imaging.
- 2. Demonstrate third-party 3-D imaging software.
- 3. Describe how the approach is integrated into dental practice.

Curriculum Vitae: Dr. W. Bruce Howerton is the Oral and Maxillofacial Radiologist for Carolina OMF Imaging in Raleigh, NC. Dr. Howerton received his DDS degree from WU School of Dentistry in 1985. He completed a Certificate in Endodontics from the UNC School of Dentistry in 1987 and practiced surgical and non-surgical Endodontics in Asheville, NC. In 1999, he entered the UNC Oral and Maxillofacial Radiology graduate program and completed an MS in 2001. Dr. Howerton became a Diplomate of the American Academy of Oral and Maxillofacial Radiology in 2003.



Michael Colvard, DDS, MTS, MS, M OMed, RCSEd Disaster Preparedness

Synopsis: This presentation will discuss the current state disaster preparedness in Illinois, the mechanisms associate with disaster preparedness in Illinois, the mechanisms associated with disaster declaration the changes to the Illinois Dente Practice Act that defines a Dental Emergency Respond (DER), which allows an appropriately trained dentist to provide total-body care.

After this presentation, the participant will be able to:

- 1. Describe mechanisms of disaster preparedness.
- 2. Describe mechanisms of disaster declaration.
- 3. Describe how dentists and the dental profession can serve

Curriculum Vitae: Dr. Michael Colvard is an Assistant Profesor, periodontal surgeon and oral medicine specialist, serving as the Director of the Disaster Emergency Medicine Training Center (www.demrt.org) within the Department of Oral Medicing and Diagnostic Sciences, College of Dentistry, at the University of Illinois at Chicago, Chicago, IL. Dr. Colvard has ow 20 years experience in Public Health and Disaster Medicing through his service in the US Air Force. Dr. Colvard serves an Air Force Colonel in both Dental Officer and Public Health Officer positions, assigned to both the Office of the Surgeon General, and the Air Force Combat Support Office, (AFCSC United States Air Force Pentagon.



Baldwin W. Marchack, DDS, MBA Branding Your Practice

Synopsis: In dentistry, as in business, good is the enemy of great. We don't have great dental schools because we have good dental schools. We don't have great dental labs because we have good dental labs. We don't lead great lives because we settle for a good life. This presentation will investigate companies not necessarily in related industries, but which have nonetheless successfully branded themselves as great companies. What we discover, the secrets of branding will help transition our practices from good to great. We will focus not only on what to do, but will also focus on what not to do and what to stop doing.

After this presentation, the participant will be able to:

- 1. Describe the concept of branding.
- 2. Determine what one would like the brand of their practice to be.
- Utilize the principles of branding to create a great practice.

Curriculum vitae: Dr. Baldwin Marchack is a 1971 graduate of USC School of Dentistry. In 1989 he received his MBA from UCLA. Dr. Marchack belongs to numerous professional organizations, including the AAED, Pacific Coast Society of Prosthodontists, the ICP, the AO, and the AAES. He is a fellow of the American College of Dentists, FICD, and a fellow of the Pierre Fauchard Academy and a Fellow of AGD. Dr. Marchack is the author of numerous articles and has presented over 300 lectures nationally and internationally. He is the vice-president of the APS, president-elect of the American Prosthodontic Society, president-elect of the Pacific Coast Society of Prosthodontists and immediate past president of the American Academy of Esthetic Dentistry. He serves on the Board of the Councilors for the University of Southern California, is the vice-chair of the Editorial Council for The Journal of Prosthetic Dentistry and maintains a private practice with an emphasis on esthetic, restorative and implant dentistry in Pasadena, California. He has previously received honoraria from Nobel Biocare.

Alternate Speaker On Call 23, 24 Feb. 2007



Stephen D. Campbell, DDS, MMSc
Using the Evidence to Guide Our Implant
Supported Patient Care

Synopsis: Prosthodontics has changed in a way that few er visioned. Changing technology and patient care trends hav expanded our scope of patient therapy. The result has been that our practices and patient care alternatives have become mor diverse and complex. The first choice treatment alternatives ar changing. Unlike much of our conventional therapy, the denta implant literature is rich in its range of clinical studies. Treatment outcome is influenced by systemic factors, local factors, surgici considerations, site development, implant design, complications prosthesis design, economics, and patient expectations. Th presentation will review the demographics of the partially an completely edentulous patient populations. It will also compar implant-supported therapy with our conventional alternatives in cluding fixed and removable prostheses, as well as endodontical treated teeth. The best supporting evidence will be provided for a variety of decision-making scenarios from diagnosis, treatment planning and actual patient care. The presentation will conside how critical prognostic considerations impact our diagnosis an treatment planning.

Curriculum Vitae: Dr. Stephen D. Campbell received his DDS degree from the Medical College of Virginia. He comple ed an advanced Program in Prosthodontics at Harvard School of Dental Medicine and a Master of Medical Science Degre with a biomaterials focus at Harvard University in conjunction with the Massachusetts Institute of Technology. Dr. Campbe is a Diplomate of the American Board of Prosthodontics an is active in several dental organizations. He is Past-Presider of the American Academy of Fixed Prosthodontics and th International Association of Dental Research Prosthodontic Section. Dr. Campbell is currently Immediate Past Presider of the American Board of Prosthodontics and President of th American College of Prosthodontists. He also serves as Vice President for the Academy of Prosthodontics. Dr. Campbell ha extensive clinical experience, having spent most of his tim providing patient care. Dr. Campbell is currently Professor an Head of the Department of Restorative Dentistry and Director of the Comprehensive Dental Implant Center at the Universit of Illinois at Chicago. He has been active in dental research throughout his career having been the principal investigator for several NIH grants dealing with ceramics.