

**THE AMERICAN ACADEMY
OF FIXED
PROSTHODONTICS**

**FIFTY-FIVE YEARS OF
EXCELLENCE**



**FIFTY-FIFTH ANNUAL
SCIENTIFIC SESSION**

**PROGRAM THEME
"OUR CARE...OUR LEGACY"**

**FRIDAY, FEBRUARY 24, 2006
SATURDAY, FEBRUARY 25, 2006**

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

ACADEMY TREASURER

1985 - 2005



In Memory

*The American Academy of Fixed Prosthodontics
dedicates the 55th Annual Scientific Session to*

Dr. Don G. Garver

1932 - 2005

*for his many years of service to the
Academy and to our beloved profession*

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PROJECTED TENTATIVE MEETING DATES

2007 = February 23-24

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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 through mutual study, participation, and cooperation. The Academy shall:

1. Provide for educational enrichment of those with a recognized commitment and dedication to the field of fixed prosthodontics.
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.
6. Promote camaraderie and fellowship among the members of the Academy.

Authored by:
Dr. Stephen D. Campbell

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.

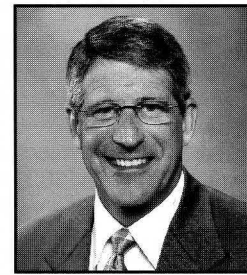
The next meeting was at French Lick, Indiana, on March 19, 1951, where the tentative Constitution and Bylaws were presented for final approval. Charter members were initiated into the Academy on February 2, 1952, in Chicago, making this the first annual meeting of The Academy of Crown and Bridge Prosthodontics. 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

* Claude R. Baker	1952-53 ✓
* Robert P. Dressel	1954
* E. David Shooshan	1955 ✓
* Earl Allen Nelson	1956
* L. Walter Brown, Jr.	1957
* George H. Moulton	1958 ✓
* Francis B. Vedder	1959 ✓
* Stanley D. Tylman	1960 ✓
* William H. Hagen	1961 ✓
* Everett Carl Brooks	1962 ✓
Ernest B. Nuttall	1963 ✓
* Fred Norman Bazola	1964 ✓
* John D. Adams	1965 ✓
* Robert Conley Zeisz	1966
* Willis Edward Corry	1967
* Joseph E. Ewing	1968 ✓
* E. Edward Kraus	1969 ✓
Raymond M. Contino	1970 ✓
* Douglas H. Yock	1971 ✓
* Philip Williams	1972
Douglas M. Lyon	1973 ✓
Kenneth A. Morrison	1974 ✓
* Robert Sheldon Stein	1975 ✓
* John M. Schlick	1976 ✓
Charles L. Ziegler	1976
Charles J. King	1977
Samuel E. Guyer	1978 ✓
* Roland W. Dykema	1979 ✓
* Wade H. Hagerman, Jr.	1980 ✓
Robert D. Jeronimus	1981 ✓
Lloyd L. Miller	1982 ✓
* John H. Emmert	1983 ✓
* Alfred C. Macaluso	1984 ✓
Ernest B. Mingleddorf	1985 ✓
Herbert Ptack	1986 ✓
Ralph A. Yuodelis	1987 ✓
William D. Culpepper	1988 ✓
Ronald G. Granger	1989 ✓
Maurice H. Martel	1990 ✓
Ronald D. Woody	1991 ✓
Albert J. Kazis	1992 ✓
* William L. Nequette	1993 ✓
Dale L. Timberlake	1994 ✓
Jesse T. Bullard	1995 ✓
Harvey L. Colman	1996 ✓
Gerald J. Ziebert	1997 ✓
Richard D. Wilson	1998 ✓
Denny M. Smith	1999 ✓
Davis A. Garlapo	2000 ✓
Stephen D. Campbell	2001 ✓
Richard R. Cavanaugh	2002 ✓
John T. Goodman	2003 ✓
William W. Nagy	2004
Peter S. Lund	2005 ✓
H. Philip Pierpont	2006 ✓
* Deceased <i>Jane Brewer</i>	<i>2007</i> ✓
<i>Martin Land</i>	<i>2008</i> ✓



PRESIDENT'S MESSAGE
DR. H. PHILIP PIERPONT
PRESIDENT - 2005-2006

It is my sincere pleasure to welcome you to the Fifty-Fifth Annual Scientific Session of The American Academy of Fixed Prosthodontics. The Academy has a proud legacy of providing scientific programs, research support, educational support, and a spirit of collegiality among members. We, as oral health providers, also have the opportunity to establish a legacy through the professional services we provide. The program theme, "***Our Legacy...Our Care***" reminds us of our professional obligation to patients. Drs. Martin Land and Stephen Rosenstiel have gathered a wonderful group of clinicians to address us in 2006. For our members and returning guests, I hope you will find this meeting to meet the high standards you have come to expect of The American Academy of Fixed Prosthodontics. For our first time guests, I feel certain that you will find this meeting provides outstanding clinical programs and numerous opportunities for connecting with colleagues in social and educational settings. If you are interested in membership, please talk to one of our members. Enjoy yourself, and come see us again!!

OFFICERS AND DIRECTORS 2005-2006
AMERICAN ACADEMY OF FIXED PROSTHODONTICS

President: H. Philip Pierpont, 6516 M. D. Anderson Blvd., Ste. 155, Houston, TX 77030-3402; Home: (281) 265-9622; Office: (713) 500-4015; FAX: (713)500-4425; E-mail: hugh.p.pierpont@uth.tmc.edu

President-Elect: Jane D. Brewer, 6435 Webster Road, Ste. G, Orchard Park, NY 14127-9677; Home: (716)652-4138; Office: (716)622-7229; FAX: (716)662-7263; E-mail: brewer@buffalo.edu

Vice-President: Martin F. Land, 442 East 12th Street, Alton, IL 62002-7229, Home:(618)474-0123, Office:(618)474-7072, FAX:(618)474-7150, E-mail: landmf@mac.com

Immediate Past President: Peter S. Lund, 333 South 7th Street, Suite 110, Minneapolis, MN 55402-2407; Home: (651)714-1655; Office:(612)338-8638; FAX:(612)338-8639; E-mail: pslund@twincitizen.net

Secretary:
Robert S. Staffanou, 1930 Sea Way, PO Box 1409, Bodega Bay, CA 94923-1409 Home: (707) 875-3040; Office: (800) 860-5633; FAX: (707) 875-2927; E-mail: secaafp@comcast.net

Interim Treasurer:
Richard D. Jordan, 36 N. Mission Hills Ct., Arden, NC 28704-5500
Office: 866-254-0280; FAX: 866-890-5657;
E-Mail: aafpjordan@bellsouth.net

Directors:
Michael L. Myers - 2006
Medical College of Georgia School of Dentistry, Augusta, GA 30912-1260
Home: (706)868-1077, Office: (706)721-2881; FAX:(706)721-8349;
E-mail: mmyers@mail.mcg.edu.

Robert F. Wright - 2006
Harvard School of Dental Medicine, 188 Longwood Avenue, Boston, MA 02115
Office: (617)432-1461; FAX:(617)432-0901; Cell: (917)750-4945;
E-mail: robert_wright@hsdm.harvard.edu

J. Robert Kelly - 2007
135 Westmont, West Hartford, CT 06117; Home:(860)561-5036;
Office:(860) 679-3747; FAX:(860) 679-1370; E-mail: kelly@nso1.uchc.edu

Jack Lipkin - 2007
191 River Avenue, 2nd Floor, Winnipeg, MB, Canada R3L 0B1;
Home:(204) 885-7402; Office: (204)453-1788; FAX: (204) 453-0839;
E-mail: vacations@kennedyseminars.com

Russell Williamson - 2007
250 Tahoma Road, Lexington, KY 40503-2050; Home: (859) 276-3659;
Office: (859) 257-2246; FAX: (859) 276-3877; E-mail: williamson77@aol.com

John W. Harrison - 2008
766 Liberty Street, Meadville, PA 16335-2555, Home:(814)763-3908,
Office:(814)724-4408; FAX:(814)724-4409;E-mail:johndmd@alltel.net

Dennis J. Weir - 2008
University of Iowa, College of Dentistry, 418 Dental Sciences Building South,
Iowa City, Iowa 52242-1001, Home:(319)338-0241; Office:(319)335-7280;
FAX:(319)352-4278; E-mail:dennis-weir@uiowa.edu

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Denny Smith '08
Jack Long '08

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Kevin Plummer

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Arthur Rodriguez '06
Jerry Andres '08
Ricardo Schwedhelm '08
Kevin Kopp, Ex Officio
Carl Driscoll, Ex Officio, Table Clinics

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Thomas Rea '06
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Periklis Prousaefis '09
Nancy Chaffee '08 (Corp. Fund)

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Bill Nagy '07
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Martin Land, Vice President

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Felicia Wilson '10

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Martin Land, '06
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Francis Tung '06
John Harrison '07
Jane Brewer, Pres-Elect, Ex Off
Martin Land, VP, Ex Officio
Don Garver, Ex Officio

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Newsletter Editor
Kevin Plummer '07, Photograph
Derrick Williamson '09
Deron Ohtani '05
Daniel Galindo '09
William Gioia '09

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Martin Land '06, VP & Chair
Lata Shenoy '07
Carolanne Craig-Granich '08

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 William Gioia '06
 Kiho Kang '06
 Paul Correll '06
 Michael Karczewski '08
 Martin Land, Program Chair, Ex Officio

**CLAUDE R. BAKER TEACHING
 AWARD IN FIXED
 PROSTHODONTICS**

Jerry Andres '06, Chair
 Francis Tung '08
 R. Bruce Miller '06
 Michael Litvak '07
 Alexander Chan '07
 Russell Williamson '07, Ex Officio

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 Ron Stifter '07
 David Burns '08

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 William Nagy '06
 Thomas Girvan '07
 Bharat Joshi '08
 George Kay '09
 E. Ricardo Schwedhelm
 Peter Lund '06, Ex Officio

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Committee Chairs:
 (A) David Gratton '06
 (B) Steve Rosenstiel '07

Committee A:

David Gratton '06, Chair
 Kevin O'Boyle '06
 Ariel Raigrodski '06
 Kevin Plummer, Ex Officio

Committee B:

Steve Rosenstiel, Chair '07
 Michael O'Sullivan '07
 Francis Tung '07
 Kevin Plummer, Ex Officio

AD HOC COMMITTEES 2005-2006**AD HOC COMMITTEE FOR CORPORATE SUPPORT**

Martin Land, Chair
 Steven Morganoq
 Jane Brewer

AD HOC COMMITTEE FOR INVESTMENT

Michael Myers, Chair
 Martin Land
 David Fox

**STANDING PRESIDENTIAL APPOINTMENTS
2005-2006****PARLIAMENTARIANS**

Gerald Santulli, Chair

SECRETARY FOR GUESTS

Richard Jordan

MEETING SITE DIRECTOR

Jack Lipkin (2006)

CHAPLAINS

Earl Stover

ACP PROSTHODONTIC FORUM REPRESENTATIVES

Phil Pierpont, Chair '06
 Jane Brewer
 Martin Land

AD INTERIM COMMITTEE

Phil Pierpont, Chair '06
 Jane Brewer '06
 Robert Wright '06

PAST TYLMAN AWARD WINNERS *

(*DATE LISTED IS DATE AWARDED-AWARD ACTUALLY WON YEAR PRIOR)

1979: Dr. James N. Ciesco
 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 Bartzilay
 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
 1998: Dr. David G. Gratton
 1999: Dr. Douglas E. Ford
 2000: Dr. Reza Heshmati
 2001: Dr. Salman A. Lakhani
 2002: Dr. Periklis Proussaefs
 2003: Dr. Luis Keys
 2004: Dr. Vanessa Swain
 2005: Dr. Philip Tan
 2006: Dr. Kelly Copps Wood

Past Moulton Award Recipients

1992: George H. Moulton
 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

Special thanks to our Corporate Contributors to the Tylman Research Program
 Editorial Council of the Journal of Prosthetic Dentistry, Astra Tech, Bisco Dental, Brasseler, Den-Tal-Ez, G. C. America, Mosby Publishing, Nobel Biocare, Paragon-Viadent, Steri-oss, Straumann Dental, Teledyne-WaterPik, Ultradent, Viadent, Waterpik Technologies, Whip Mix.

**ANNUAL MEMBERSHIP DINNER AND BUSINESS MEETING
THURSDAY, FEBRUARY 23, 2006**

5:30PM-7:00PM *Early Registration for Members*
 5th Floor Foyer

5:30PM-7:00PM *Early Registration for Guests*
 7th Floor Foyer

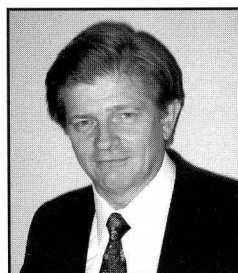
6:00PM *MembersCocktail Reception*
 5th Floor Foyer

7:00PM *Members Annual Dinner*
 5th Floor Chicago Ballroom

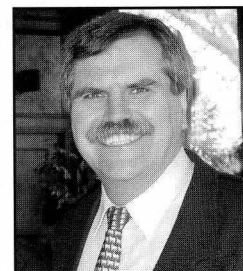
8:00PM *Members Annual Business Meeting*
 5th Floor Chicago Ballroom
 President's Message
 Business Meeting
 Town Hall Meeting

9:00PM ***Adjourn***

PROGRAM CHAIRMEN



Dr. Martin Land
Program Co-Chairman
2006



Dr. Stephen Rosenstiel
Program Co-Chairman
2006



Dr. Kevin Kopp
Ex Officio



Kent Knoernschild
Program Chairman 2007

EXHIBITOR DIRECTORY

BOOTH #	EXHIBITOR
1.	VALLEY DENTAL ARTS
2.	ORASCOPTIC RESEARCH INC.
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4.	ULTRADENT PRODUCTS INC.
5.	DUX DENTAL-VANR/CADCO/CLIVE CRAIG
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7.	ASTRA TECH
8,9.	IVOCLAR VIVIDENT
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26.	THOMMEN MEDICAL USA
27.	ELSEVIER (SAUNDERS/MOSBY)
28.	ZIMMER DENTAL
29.	ARTISTIC DENTAL STUDIO
30.	3i IMPLANT INNOVATIONS INC.
31,32	WATER PIK TECHNOLOGIES
33.	BITE FX

EXHIBITOR TABLE CLINICS

FRIDAY: 7:30AM, 7:50AM, 5:40PM
 SATURDAY: 7:30AM, 7:50AM

THE FOLLOWING EXHIBITORS WILL BE PRESENTING
 TABLE CLINICS, IN THE EXHIBIT HALL

VALLEY DENTAL ARTS
 CUSP DENTAL RESEARCH, INC.
 WHIPMIX
 BITE FX

2006 TABLE CLINICS PROGRAM

FIFTH FLOOR BALLROOM, 12:00PM-2:00PM

EXHIBITS OPEN, FOOD AVAILABLE

TABLE CLINIC CHAIRMAN - DR. CARL DRISCOLL

1. *"The Prosthodontic Challenge of Restoring a Rapidly Deteriorating Mutilated Dentition"*
 Dr. Ryan D. Sellinger
2. *"Effect of Esthetic Core Shades on the Final Color of All-Ceramic Restorations"*
 Dr. Shereen S. Azer
3. *"Current Uses of Telescopic FPD's in Prosthodontics"*
 Dr. Seevan Shohar
 Dr. Denise Leong-Yokota
 Dr. Keven Loo
4. *"Applications for Fiber Reinforced Composite Materials"*
 Dr. Sarita Arteaga
5. *"Immediate Interim Fixed Dental Prosthesis"*
 Dr. Stephen Keese
6. *"Perception of Malocclusion and other Teeth-Related Signs and Symptoms"*
 Dr. Ihab Adel Hammad
 Dr. Ziad Salameh
7. *"Conversion of a Kennedy Class II RPDP to Class III Utilizing Implants"*
 Dr. Ruohong Liu
8. *"Restoration of Maxillary Severe Bone Deficiency Using Telescopic Crowns & Superstructure"*
 Dr. Yada Chaiyabutr
9. *"Effect of Electric Toothbrush on Tensile Bond Strength of Cement Retained Implant Supported Crowns"*
 Dr. Martin Fernunson
 Dr. Rafael Castellon
10. *"Integration of Cephalometric Examination in Prosthetic Treatment Planning"*
 Dr. Gianluca Paniz
 Dr. Mario Gatti
11. *"Evaluation of the Retention for Mandibular Overdenture Attachments at Different Implant Angulations"*
 Dr. Suhail Al Ghaffli
 Dr. Waleed Al Fulaij

**2006 TABLE CLINICS PROGRAM
CONTINUED**

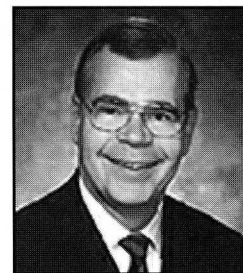
12. *"Use of New Crown Removal Techniques in Fixed Prosthodontics"*
Dr. Brian Lee
Dr. Takayoshi Suda
13. *"Contemporary CAD/CAM-Generated Fixed Implant-Supported Reconstructions: The Procera Implant Bridge (PIB)"*
Dr. Daniel Galindo
Dr. Fernando Galindo
14. *"Defining a Natural Tooth Color Space Based on a 3-D Shade System"*
Dr. Judy Yuan
15. *"Interim Implant Restorations for Delayed or Immediate Loading"*
Dr. Vasilios Chronopoulos
Dr. Stefanos Kourtis
16. *"A Simple Technique to Re-Cement Provisional Restorations"*
Dr. Graham Dersley
17. *"A Case Report Demonstrating a Ceramic Abutment Restoring an Implant with an External Connection"*
Dr. Christopher Pusateri
18. *"Rapid and Predictable Surgical/Prosthetic Correction of Combination Syndrome"*
Dr. Edward Amet
Dr. David Reed
19. *"Surgical Correction of Irregular Occlusal Plane"*
Dr. Elizabeta Evtimovska
Dr. Radi Masri
20. *"Flasked Matrix Technique for Fabrication of Heat-Processed Acrylic Resin Provisionals"*
Dr. Diana Lee
21. *"A Comparison of Porcelain Bond to Metal with and without Opaque Porcelain"*
Dr. Marjorie C. Wood
Second Place Tylman Winner
22. *"Influence of edge preparation on the occurrence of fracture of resin bonded-porcelain veneers under cyclic loading: a preliminary study"*
Dr. Majd Al Mardini

**THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS
FIFTY-FOURTH ANNUAL SCIENTIFIC SESSION
FEBRUARY 24TH, 2006**

**"OUR CARE....OUR LEGACY"
PROSTHODONTIC LONGEVITY - PREDICTABLE SUCCESS**

- | | |
|-----------|---|
| 7:00AM | Registration , 7th Floor Foyer, Salon III
Continental Breakfast in Exhibit Hall |
| 8:00AM | INTRODUCTION:
Dr. Philip Pierpont, President
Drs. Martin Land and Stephen Rosenstiel -
Co-Program Chairmen. |
| 8:20AM | "Clinical Complications in Fixed Prosthodontics"
Dr. Charles Goodacre |
| 9:10AM | "Computer-Guided Implant Placement - Roadmap to
Restorative Predictability and Success"
Dr. Richard Mecal |
| 10:00AM | Break in the Exhibits Hall*
(All Members, Guests and Students Invited) |
| 10:35AM: | "Long-Term Follow-up on Resin Bonding"
Dr. Nico Creugers |
| 11:20AM | "The Status of Laboratory and Clinical Studies in
Predicting Clinical Success"
Dr. J. Robert Kelly |
| 12:05 PM: | ANNUAL MEMBER - GUEST LUNCHEON
(5th Floor Ballroom, All Members, Guests and
Students Invited) |
| 1:30PM | "Osseointegration: A Scientific Update on Scientific
Controversies"
Dr. Edwin McGlumphy |
| 2:30PM | "Insurance Data: Impact on Prosthodontic Practices"
Dr. Max Anderson |
| 3:15PM | Soda Break In Exhibits Hall*
(All Members, Guests & Students Invited*) |
| 3:45PM | "Advanced Periodontitis - Restore on Teeth or
Implants? Factors Influencing Predictability
Success"
Dr. Michael Wise |
| 5:15:PM | 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



Charles Goodacre, DDS,MSD
"Clinical Complications in Fixed Prosthodontics"

Learning Objectives: 1. To identify factors that produce failure, 2. To identify the most common causes of failure, 3. To identify the most common complications in fixed prosthodontics.

Synopsis: A working knowledge of the factors that produce failure in fixed prosthodontics enhances our ability to develop effective treatment plans, facilitates success, promotes optimal doctor-patient communication regarding anticipated treatment outcomes and provides early diagnosis of problems encountered during long-term maintenance. This presentation will identify the most common causes of failure and the most common complications encountered in fixed prosthodontics (conventional single crowns, conventional fixed partial dentures, all-ceramic crowns, resin-bonded prostheses). Scientific studies will be used in identifying the factors responsible for failure and whenever possible, clinical evidence will be provided.

Curriculum Vitae: Dr. Goodacre earned his DDS degree from Loma Linda University School of Dentistry in 1971 and, in 1974, completed a 3-year program in Prosthodontics and Dental Materials at Indiana University School of Dentistry. He taught full time at Indiana University and has three times received awards from senior dental classes as the outstanding clinical instructor or lecturer. He Chaired the Department of Prosthodontics at Indiana University and is currently Dean of the Loma Linda University School of Dentistry. He is a diplomate of the American Board of Prosthodontic, Past-President of the American Board of Prosthodontics, a Fellow of the American College of Prosthodontists and is a member of the American Academy of Prosthodontics. He served as Program Chairman for the 1993 Annual Session of the ACP and has been a Director of the College since 2001. He co-authored the 4th Edition of Johnston's Modern Practice in Fixed Prosthodontics and has written and lectured both nationally and internationally.

**THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS
FIFTY-FIFTH ANNUAL SCIENTIFIC SESSION
SATURDAY, FEBRUARY 25TH, 2006**

**"OUR CARE...OUR LEGACY"
PROSTHODONTIC LONGEVITY - PREDICTABLE
SUCCESS**

- 7:00AM **Registration, 7th Floor Foyer, Salon III
Continental Breakfast in Exhibit Hall**
- 8:00AM "Criteria for the Longevity of Direct Placement
Composites"
Dr. Karl Leinfelder
- 8:45AM "The Success of Endodontic Therapy -
Healing & Functionality"
Dr. Shimon Friedman
- 10:00AM "Resistance to Fracture of two All-Ceramic Crown
Materials Following Endodontic Access"
Dr. Kelly Copps Wood
- 10:15AM **Refresment Break in the Exhibits Hall**
(All Members, Guests and Students Invited)**
- 10:45AM "Dentists' Molar Teeth"
Drs. Land and Rosenstiel
- 11:25AM "Occlusion & Longevity in Fixed Prosthodontics"
Dr. Junhei Fujimoto
- 12:15PM **Annual Table Clinic Session & Light Luncheon
Food Served in the Fifth Floor Ballroom & 7th Floor
Exhibit Hall*
(Exhibits will close at the start of the afternoon program)**
- 2:00PM "All-Ceramic Crowns - Long Term Clinical Data"
Dr. Urs Brodbeck
- 3:15PM "How Long Will It Last, Doctor?"
Dr. Derrick Setchell
- 4:00PM **Closing Remarks
President Philip Pierpont**

Reserve Speaker:

Dr. Stephen F. Rosenstiel
Professor & Chairman, Restorative and Prosthetic Dentistry
The Ohio State University College of Dentistry
Columbus, Ohio

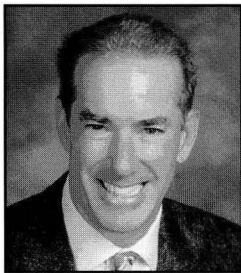
Title: "The Perception of Facial Esthetics"

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



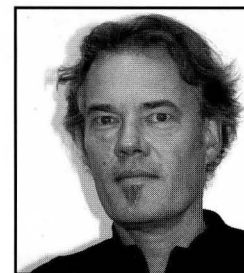
Richard Mecall, DDS, MS

"Computer-guided Implant Placement - Roadmap to Restorative Predictability and Success"

Learning Objectives: 1. Outline the multidisciplinary treatment modality of implant placement. 2. Present a method for presurgical resolution of treatment conflicts. 3. Present a method of 2D and 3D assessment of these conflicts.

Synopsis: Implant reconstruction is a multidisciplinary treatment modality which requires effective communication between restorative, surgical, and laboratory team members and the patient. This presentation will describe a method for presurgical resolution of treatment conflicts using computed tomography. A method for 2D and 3D assessment of these conflicts will be presented so that minimally invasive flapless surgery can be performed to predictably provide an optimal environment for the restorative dentist.

Curriculum Vitae: Dr. Mecall earned his DDS degree from the University of Illinois and his MS degree from the University of Iowa, where he studied bone physiology and periodontology. In 1983 he became a Diplomate of the American Board of Periodontology. He has authored numerous articles and has been published in several journals. He is a contributing author to two textbooks, *Dental Applications of Computed Tomography* and *Implant Therapy*. Dr. Mecall consulted in the development of early SimPlant versions and has utilized computed tomography since 1987. He currently practices Periodontics in Las Vegas, NV.



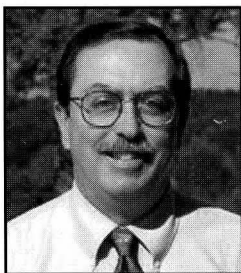
Nico H. J. Creugers, DDS, PhD

"Long-term Follow-up on Resin Bonding"

Learning Objectives: 1. Complex decision making governed by a sound scientific base. 2. Randomized clinical trials. 3. Observational studies. 4. Long-term treatment outcomes.

Synopsis: Contemporary clinical prosthodontics is increasingly subject to complex clinical decision-making. Today, clinical decision-making is governed by a sound scientific base. Systematic reviews and randomized clinical trials (RCT's) are considered to provide the most solid evidence. In prosthodontics relevant treatment outcomes take long-term follow-up periods. Unfortunately, relatively few long-term RCT's are available and systematic reviews are often based on observational studies. Nevertheless, observational studies do provide valuable information on long-term treatment outcomes and combining this data in a reliable way is a challenge to the scientific community.

Curriculum Vitae: Dr. Nico H. J. Creugers earned his DDS degree from the University of Nijmegen, The Netherlands, where he also earned his PhD degree. After working in a dental practice for many years, he was appointed Professor in the early 1990's. Currently, he is head of the Department of Restorative Sciences and Director of the Dental Curriculum of the College of Dental Sciences of the Radboud University of Nijmegen Medical Centre. His research interests are focusing on Evidence-based Prosthodontics and Minimal Invasive Reconstructive Dentistry. He holds a position on several Editorial Boards of International Journals.



J. Robert Kelly, DDS

"The Status of Laboratory and Clinical Studies in Predicting Clinical Success"

Learning Objectives: 1. Obscurity of links between materials data and clinical behavior. 2. Update on issue of laboratory tests and clinical data. 3. Sources of evidence.

Synopsis: Although potential links between materials data and clinical behavior are often implied, the status of such linkages may be obscure. This talk provides an update regarding the issue of laboratory tests and clinical data being predictive of clinical performance. Sources of excellent evidence will be identified for making treatment decisions and a context developed regarding judging materials information as evidence.

Curriculum Vitae: Professor Kelly maintains teaching and research programs within the Department of Oral Rehabilitation, Biomaterials and Skeletal Biology at the University of Connecticut Health Science Center and within the UConn General Clinical Research Center where he serves as Director, Dental Clinical Research Core.

ANNUAL ACADEMY LUNCHEON
Memorial to Dr. Don G. Garver
1932 - 2005

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Dr. H. Philip Pierpont, President, AAFP

PRESENTATION OF THE STANLEY D. TYLMAN
RESEARCH AWARDS FOR 2005*

DR. STEVEN M. MORGANO

CHAIRMAN, TYLMAN RESEARCH COMMITTEE

FIRST PLACE WINNER

Dr. Kelly Copps Wood

Marquette University School of Dentistry

"Resistance to fracture of two all-ceramic crown materials following endodontic access"

Supervisor: Dr. Gerald Ziebert

SECOND PLACE WINNER

Dr. Marjorie C. Wood

University of Connecticut School of Dental Medicine

"A comparison of bonding strengths of two porcelain systems to two metal alloy systems with and without opaque porcelain"

Supervisor: Dr. John Agar

THIRD PLACE WINNER

Dr. Anh Nguyen

University of Rochester, Eastman Dental Center

"Influence of incisal edge preparation in the occurrence of fracture of resin-bonded porcelain veneers under cyclic loading"

Supervisor: Dr. Carlo Ercoli

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

Dr. Jerry Andres

Chairman, Claude R. Baker Teaching Award Committee

Dr. Patchanee Rungruanganunt
2006 Recipient

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

Dr. Stephen D. Campbell

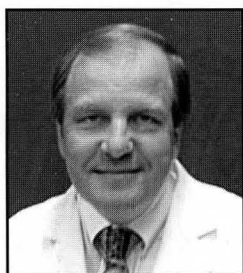
Chairman, George H. Moulton Award Committee

Dr. Kenneth A. Malament
2006 Recipient

PRESENTATION OF NEW AAFP MEMBERS

Dr. H. Philip Pierpont
President, AAFP

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



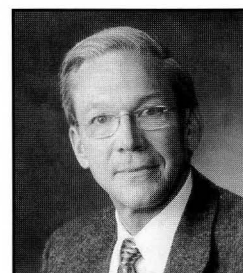
Edwin McGlumphy, DDS, MS

"Osseointegration: A Scientific Update on Scientific Controversies"

Learning Objectives: 1. Difficult treatment planning decisions. 2. Implant shape related to long-term success and crestal bone levels. 3. Early and Immediate loading. 4. Techniques that assure success.

Synopsis: Although dental implant therapy is highly successful, the implant surgeon and restorative dentist are still faced with daily treatment planning decisions that can be difficult. This essay will address the issues of implant shape, surface, size and number as they relate to long-term implant success and crestal bone levels using conventional protocols. In addition, clinical trial results on early and immediate loading will be presented. Particular emphasis will be given to prosthetic techniques that assure long-term, successful implant restorations.

Curriculum Vitae: Dr. McGlumphy graduate from The Ohio State College of Dentistry and completed a general practice residency at the University of Texas - San Antonio. He returned to Ohio State for prosthodontic training and receive a MS degree in 1988. Since that time, he has been a full time prosthodontic faculty member responsible for all aspects of predoctoral and postdoctoral implant education. He has also served as principal investigator for multiple studies on implant component physical properties and prospective implant clinical trials. This work has led to over seventy-five publications and 4.1 million in extramural funding. He has been a reviewer for the Journal of Prosthetic Dentistry, Quintessence International and the Journal of Oral and Maxillofacial Implants. He has a private practice limited to prosthodontics and lectures internationally in the field of implant dentistry.



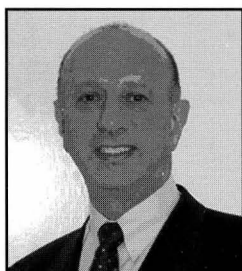
Max Anderson, DDS, MS, ME

"Insurance Data: Impact on Prosthodontic Practices"

Learning Objectives: 1. Dental insurance companies access to large amounts of treatment data. 2. Outcomes of various therapies being evaluated for health and cost efficiency. 3. How these results define future dental insurance programs.

Synopsis: Dental insurance companies have access to large amounts of treatment data from both general dentists and specialists. The outcomes of various therapies and specialties are being evaluated for health and cost efficiency as well as patient satisfaction. Results of these studies will help define future dental insurance program designs. This program will examine the social/economic drivers for benefit changes and some of the things we are learning from treatment data related to prosthodontics.

Curriculum Vitae: Dr. Max Anderson received his DDS degree from the University of Nebraska (1976), his Master of Science in Restorative Dentistry from The University of Michigan (1983) and his Master of Education from George Washington University (1988). He completed a career in the United States Navy in 1990 and has served on the faculty of the University of Washington and Indiana University. He served as Vice-President and Dental Director of Washington Dental Services, a Delta Dental Plan, in Seattle from 1994 through 2004. His primary research and academic interests are in the management of dental diseases through treating these diseases as bacterial infections and in the analysis of insurance treatment data to identify best practices on risk adjusted populations. He is currently actively consulting regarding evidence-based dental plan designs and health outcomes.



Michael Wise, BDS, LDS, RCS, MScD

"Advanced Periodontitis - Restore on Teeth or Implants? - Factors Influencing Predictable Success"

Learning Objectives: 1. Evidence-based assessment of using teeth or implants in patients with advanced periodontitis. 2. Factors to be considered in decision making. 3. Time and fee management. 4. Thirteen year retrospective of survival and success of implants in periodontal patients.

Synopsis: This presentation will be an evidence-based assessment of whether to restore the dentition of patients with advanced periodontitis using teeth or implants as abutments. The factors to be considered and the reasoning in decision making will be presented, illustrated by clinical material. These factors will be wide ranging - from time and fee management to occlusion and implant survival. Thirteen year retrospective of survival and success of implants in patients with a history of advanced periodontitis and those without a history of periodontitis will be presented.

Curriculum Vitae: Dr. Wise qualified from the London Dental School, University of London, in 1968 - BDS(Hons), LDS, RCS (Eng). He was the first dentist to be awarded a Harkness Fellowship for two year study in the USA at Indiana University between 1970 and 1972 where he obtained his MScD in Fixed and Removable Prosthodontics. He obtained his Fellowship in Dental Surgery from the Royal College of Surgeons of England in 1972. For six years he received one to one training in surgery, being assisted in his practice at all of his surgical procedures by one of the UK/s professors of Oral Surgery. He maintains a private restorative practice in London mainly treating patients who have failure in extensive restored dentitions. He is currently Visiting Professor at The Eastman Dental Institute, University College London, with responsibility for a Continuing Professional Development Program, Nationally, for Consultants and Specialists in Restorative Dentistry. He is recognized by the General Dental Council as a Specialist in Restorative Dentistry and Surgical Dentistry. He conducts continuing education courses in his practice for groups of up to 20 dentists, which are recognized by the Royal College of Surgeons for accreditation towards the MGDS diploma. He belongs to many professional societies and has lectured nationally and internationally. He has authored numerous publications and written a textbook.



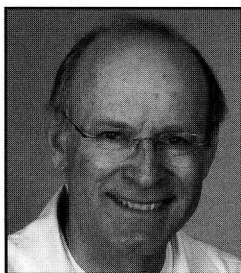
Karl Leinfelder, DDS, MS

"Criteria for the Longevity of Direct Placement Composites"

Learning Objectives: 1. Clinical performance of the newer restorative systems materials. 2. Clinical evaluation of new universal composite resins, dentinal adhesives, cavity preparations, insertion techniques for posterior composites, adhesive luting agents, post and cores, and obturators. 3. New information on polymer substitutes for porcelain and guidelines on selection of currently available restorative materials and clinical techniques.

Synopsis: Dr. Leinfelder will discuss the clinical performance of the newest restorative systems materials and indicate their uses in private practice. Particular emphasis will be placed on the clinical evaluation of the new universal composite resins, latest developments in dentinal adhesives (SE), modified (conservative) cavity preparations and insertion techniques for posterior composites, adhesive luting agents and new concepts on posts, cores, and obturators (Resilon). In addition, new information on polymer substitutes for porcelain will be presented. This talk is designed to offer guidelines on selection and use of currently available materials as well as recommended clinical techniques. The presentation is based upon information derived both clinically and scientifically. It is designed for both the clinician as well as the dental assistant.

Curriculum Vitae: Dr. Leinfelder earned his DDS and MS degrees from Marquette University. After eight years on the Marquette faculty he joined the faculty at North Carolina, where he attained the rank of Professor and Director of Biomaterials Clinical Research in the Dental Research Center. In 1983, he joined the University of Alabama and is the recipient of the Joseph Volker Chair. He also served as Chairman of the Department of Biomaterials until 1994. Presently he holds positions at both universities; adjunct professor at UNC and Professor Emeritus at the University of Alabama. He is the recipient of the 1995 George Hollenbeck Award as well as the Norton N. Ross award for outstanding clinical research (1997), and the ACP Distinguished Lecturer Award in 1998. He has served as Associate Editor of the JADA and is a Dental Materials Research Consultant for numerous companies. He has published over 225 papers on restorative materials, authored over 150 scientific presentations, and written a textbook on restorative materials and techniques. He lectures both nationally and internationally.



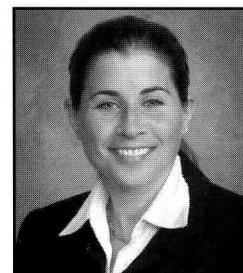
Shimon Friedman, DMD

*"The Success of Endodontic Therapy-
Healing & Functionality"*

Learning Objectives: 1. Endodontic therapy and implant replacement. 2. Outcomes of Endodontic therapy. 3. Healing and asymptomatic function of treated teeth.

Synopsis: The effectiveness of endodontic therapy in curing disease and retaining teeth has been challenged, in view of the consistently favourable outcomes reported for implant-supported single-tooth replacement. This lecture will define the expected outcomes of endodontic therapy, identify endodontic outcomes studies that conform with an acceptable level of evidence, and highlight the outcomes of Initial Treatment, Orthograde Retreatment and Apical Surgery in regards to healing and asymptomatic function of the treated teeth.

Curriculum Vitae: Dr. Shimon Friedman graduated from the Hebrew University-Hadassah Faculty of Dental Medicine in Jerusalem, Israel in 1975. He received his certificate in Endodontics in 1983. In 1992 he became Head of Endodontics and Director of Graduate Endodontics at the Faculty of Dentistry, University of Toronto. He has published 175 articles, textbook chapters and research abstracts, presented over 160 international lectures, and served on editorial boards of several journals.



Dr. Kelly Copps Wood
First Place Tylman Winner

"Resistance to fracture of two all-ceramic crown materials following endodontic access."

Synopsis: Currently there is no protocol for managing endodontic access openings for all-ceramic crowns. A direct restorative material is generally used, rendering a repaired crown as the definitive restoration. This endodontic procedure may weaken the restoration or initiate microcracks which may propagate resulting in premature failure. This in-vitro study evaluated how an endodontic access opening through an all-ceramic crown altered the structural integrity of the ceramic and how a repair of this access affected the load to failure of an all-ceramic crown. Twenty-four alumina and 24 zirconia crowns were fabricated and cemented onto resin dies. Twelve crowns of each type were accessed to simulate root canal therapy. Surface defects of all accessed specimens were evaluated with a scanning electron microscope. All specimens exhibited edge chipping around the access openings. Alumina crowns generally showed fracture of the coping with the veneering porcelain still bonded to the core. The zirconia copings tended not to fracture, but exhibited veneering porcelain delamination. Four zirconia crowns showed radial crack formation. Endodontic access through all-ceramic crowns resulted in a significant strength loss in the zirconia specimens but not in the alumina specimens.

Curriculum Vitae: Kelly Copps Wood received her DDS in 1999 from Marquette University. After completing a general practice residency at Lehigh Valley Hospital in Allentown, Pennsylvania and two years of family dentistry she returned to Marquette for the prosthodontic residency. In 2005 she earned her prosthodontic certificate and requirements for her Masters Degree. Upon graduation she joined the prosthodontic practice of Dr. Timothy O. Hart in Shorewood, Wisconsin.

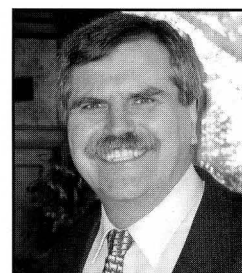


Martin F. Land, DDS, MSD
"Dentist's Molar Teeth"

Learning Objectives: 1. Dentist's own teeth as an indicator of treatment. 2. World-wide survey regarding the dentist's choice of restorations. 3. Prevalence of amalgam and gold over more esthetic alternatives. 4. Findings of 6000 molar tooth restorations of dentists.

Synopsis: With the assumption that the way dentists act on their own teeth may be a good indication of the accumulated wisdom of the profession, in the early 1990's a survey was conducted in Europe regarding the restorations they elected to have placed in their own molar teeth. This identified a high prevalence of amalgam and gold restorations over esthetic alternatives. The presenters conducted a similar survey using the world-wide-web. In addition to preferences of dentists' they also assessed the estimated longevity of the various restorations. They will present findings for approximately 6000 molar teeth of dentists in the United States and contrast the results with those of the earlier European study.

Curriculum Vitae: Dr. Land is a Professor of Fixed Prosthodontics at Southern Illinois University, School of Dental Medicine. He graduated from the Rijksuniversiteit Utrecht, The Netherlands in 1975 and obtained his MSD in prosthetic dentistry at Indiana University in 1978. Dr. Land then served on the faculty of the University of Florida and in 1982 became Director of Postgraduate Combined Prosthodontics and Chair of Fixed Prosthodontics at Loyola University School of Dentistry. In 1993 he became head of Fixed Prosthodontics at Southern Illinois University School of Dental Medicine, and was Chair of Restorative Dentistry from 1995 to 2002. Dr. Land has authored numerous publications in addition to being co-author and editor of the textbook *Contemporary Fixed Prosthodontics* now in its third edition and translated into six languages. He is the 2005 recipient of the Steven H. Leeper Award for innovation and excellence in dental education

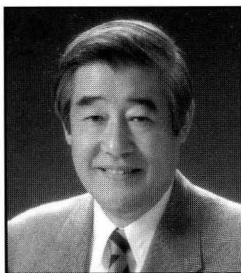


Steven F. Rosenstiel, BDS, MSC
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Curriculum Vitae: Dr. Rosenstiel is Professor and Chairman of Restorative Dentistry at The Ohio State University College of Dentistry. He is a graduate of Birmingham University in England and completed his prosthodontic training at Indiana University in 1977. He taught at the University of Florida and University of London before joining Ohio State in 1985. He is a co-author of the textbook *Contemporary Fixed Prosthodontics* which is in its third edition which was published in 2001. This textbook is used in many dental schools and has been translated into six languages. He has authored over 150 scientific articles and abstracts, principally on the fracture properties of dental ceramics.



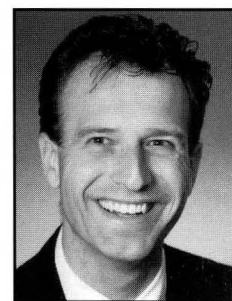
Junhei Fujimoto, DDS, MSD, PhD

"Longevity Assessment in Comprehensive Fixed Prosthodontics"

Learning Objectives: 1. Clinical outcomes 15-30 years post-treatment. 2. Factors to achieve long-term success.

Synopsis: The purpose of this presentation is to report on the clinical outcome of comprehensive fixed cases after 15 to 30 years post treatment and laboratory stages, chronological dental radiographs and intraoral photographs recorded in a private practice environment. Because of time constraints, only a limited number of cases will be illustrated. Review of those cases permits discussion of some of the factors which may be effective in helping achieve long-term success in comprehensive fixed prosthodontic treatment.

Curriculum Vitae: Dr. Junhei Fujimoto graduated from Kyushu Dental College in 1964. He completed his postgraduate training in Fixed and Removable Prosthodontics at the University of Indiana in 1975 and was an assistant professor at the University of Florida, Department of Occlusion and Fixed Prosthodontics until 1979. Currently he maintains a private practice in Tokyo, Japan. He is co-author of the textbook *Contemporary Fixed Prosthodontics* (Mosby), and is Director of the J. F. Occlusion and Prosthodontic Postgraduate Institute in Yokohama, Japan.



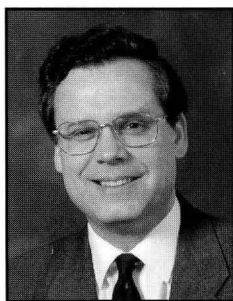
Urs Brodbeck, DDS, MS

"All-Ceramic Crowns - Long-Term Clinical Data"

Learning Objectives: 1. The challenge of metal-free dental restorations. 2. Dramatic developments and material changes in ceramic restoration. 3. Adhesive technology improvements in the evolution of ceramic restoration. 4. Discussion of sintered, pressable, and high strength ceramics.

Synopsis: The search for tooth colored and metal-free restorations is one of the major challenges in dental research. For several decades, ceramic has been used as a restorative material because of its aesthetics and intraoral stability. Ceramics went through dramatic developments and the material properties changed significantly. In combination with innovations and improvements in adhesive technology, new possibilities were evolved to restore single teeth and to replace missing teeth. Sintered ceramics, pressable ceramics and high strength ceramics such as alumina and zirconia are described and critically discussed.

Curriculum Vitae: Dr. Urs Brodbeck was an Associate Professor in the Department of Crown and Bridge and Dental Materials at the University of Zurich Dental School from 1988 to 1994, under the direction of Professor Dr. Peter Schaerer. In 1996 he became Associate Professor in the Department for Preventive Dentistry, Periodontology, and Cariology at the University of Zurich, Switzerland. He is presently in private practice in Clinic North Zurich, Zurich, Switzerland as a Specialist SSO/SSR for Reconstructive Dentistry. He is a member of the Swiss Society of Reconstructive Dentistry and conducts freelance education for Full Ceramics, Implantology and Aesthetic Dentistry world-wide.



Learning Objectives: 1. Lack of high quality evidence concerning restoration longevity. 2. Unfamiliar analyses for comparison restoration longevity.

Synopsis: There is a shortage of high quality evidence concerning the longevity of fixed restorations, not least because many survive for extended periods. The appropriate analyses for comparison of performance may be unfamiliar and counter-intuitive. This presentation will review results obtained from imperfect studies in the essayist's unit and elsewhere, suggest some clinical lessons that may be learned and attempt to provide a "transatlantic" view the influence that this ought to have on future management.

Curriculum vitae: Derrich Setchell graduated in 1971 from University College London and was a Harkness Fellow in Fixed Prosthodontics at Ann Arbor, Michigan from 1974-1976. Since then he has been a full-time graduate teacher at the Eastman Dental Institute, London, where he is Head of Conservative Dentistry. A “wet-fingered” clinical academic, he is program director of three contrasting graduate programs in Restorative Dentistry, including specialist training in Prosthodontics.