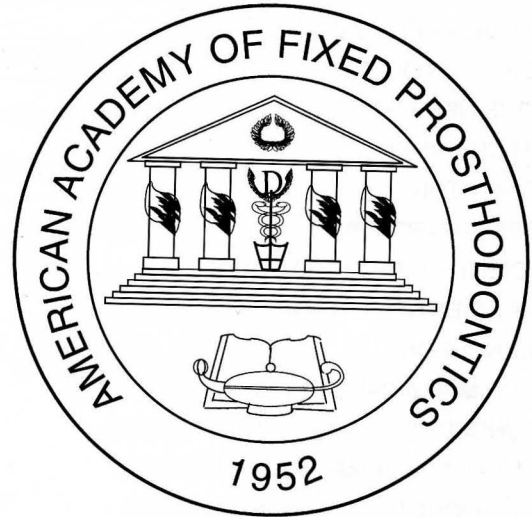


**THE AMERICAN ACADEMY
OF FIXED
PROSTHODONTICS**

**FIFTY-THREE YEARS OF
EXCELLENCE**



**FIFTY-THIRD ANNUAL
SCIENTIFIC SESSION**

**PROGRAM THEME
"FUNCTIONAL, DURABLE, AND ES-
THETIC FIXED PROSTHODONTICS"**

**FRIDAY, FEBRUARY 20, 2004
SATURDAY, FEBRUARY 21, 2004**

**CHICAGO MARRIOTT HOTEL
DOWNTOWN**

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PROJECTED TENTATIVE MEETING DATES

2004 = February 20-21

2005 = February 25-26

2006 = February 24-25

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.

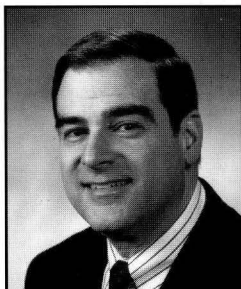
The next meeting was at French Lick, Indiana, on March 19, 1951, where the tentative Constitution and Bylaws were presented for final approval. Charter members were initiated into the Academy on February 2, 1952, in Chicago, making this the first annual meeting of The Academy of Crown and Bridge Prosthodontics. We have continued to grow and expand our national and international membership to our present total of over 600 active and life members in 22 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. Mingledorff	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
* Deceased	



PRESIDENT'S MESSAGE

DR. WILLIAM W. NAGY

2003-2004

It is with great pleasure that I welcome you to the Fifty-Third Annual Meeting of The American Academy of Fixed Prosthodontics. Annual Sessions are meant to be fun as well as educational and we're sure you will enjoy Chicago, one of the most exciting cities in North America. Over the course of the next two days, I encourage you to take advantage of all the many educational and networking opportunities that the meeting offers.

Our Academy history is rich with tradition, and the excellence of our scientific program is always a high point. With our broadly diverse membership of academicians, researchers, and clinicians, as well as the many guests and graduate students in attendance, it is always a challenge to provide an educational event of interest to everyone. Dr. John Agar has put together a program to meet this challenge head on and show case our "53rd year of excellence". Our theme "**Functional, Durable, and Esthetic Fixed Prosthodontics**", will feature cutting edge research and relevant clinical applications that will enhance your ability to provide quality patient care. Dr. Hiroshi Hirayama and co-chair Dr. Carl Driscoll have assembled a table clinic session to showcase fixed prosthodontic techniques and procedures that will complement the scientific session. Excellence has many authors, and it is appropriate to recognize all the individuals who silently support the Academy and its business, and make the annual scientific session a reality.

On behalf of the Board of the Officers and Board of Directors and of the American Academy of Fixed Prosthodontics, I would like to thank you for your support and attendance at the 53rd Annual Meeting. Have a great meeting!

OFFICERS AND DIRECTORS 2003-2004 AMERICAN ACADEMY OF FIXED PROSTHODONTICS

President:

William W. Nagy, 6375 North Lake Driver, Whitefish Bay, WI 53217-4343; Home: (414)963-4153; Office: (414)288-6578; FAX: (414)288-6516; E-mail: William.Nagy@marquette.edu

President-Elect:

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

Vice-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

Immediate Past President:

John T. Goodman, 1022 W. Mitchell, Arlington, TX 76013-2543; Home: (817)265-9109; Office: (817)265-1051; Fax: (817)275-6515; E-mail: jgoodman1022@earthlink.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@monitor.net

Treasurer:

Don G. Garver, 216 John Pott Drive, Williamsburg, VA 23188-6427; Home: (757) 258-4525; Office: (800) 880-5184; Fax: (757) 258-4526; E-mail: aafpgarver@cox.net

Directors:

John R. Agar - 2004
4 Penwood Road, Bloomfield, CT 06002-1521; H: (860)242-5615; O: (860)679-374; FAX: (860)579-1370; E-mail: jragar@aol.com

Nancy R. Chaffee - 2004
1400 Crescent Green, #210; Cary, NC 27511; H: (919)361-2969; O: (919)858-8193; FAX: (919)858-8198; E-mail: nchaffee@earthlink.net

David A. Kaiser - 2004
2 Knapwood, San Antonio, TX 78248-2406; H: (210)492-9094; O: (210)567-3700; FAX: (210)567-6376; E-mail: kaiser@uthscsa.edu

Carl J. Andres - 2005
8650 Fawn Lake Drive, Indianapolis, IN 46278-9780; Home: (317)387-0920; Office: (317)274-5569; FAX: (317)274-9544; E-mail: candres@iupui.edu

Kent L. Knoernschild - 2005
2423 Hillsboro Lane, Naperville, IL 60564-4373; Home: (630)904-7667; Office: (312)413-1181; FAX: (312)996-6989; E-mail: kentk@uic.edu

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
Columbia Univ. Schl of Dent. and O. S., 630 W. 168th St., New York, NY 10032; Home: (212)662-1434; Office: (212)305-5679; FAX: (212)305-8493; E-mail: rfwt1@columbia.edu

STANDING COMMITTEES 2003-2004

CREDENTIALS COMMITTEE

Dennis Weir '04, Co-Chair
Gor Pesun, '05, Co-Chair
Gary Alexander '03
Tom Barco '04
Gor Pesun '05
Richard Jordan '05
Gerald Woolsey '06
Wayne Campagni '06

EDITOR

William Malone

PROGRAM COMMITTEE

John Agar '04, Chair
Kevin Kopp '05 Chair
Martin Land '06, Co-Chair
Steve Rosenstiel '06, Co-Chair
Carlos Tello '05
Guillermo Guillen '05
Wayne Campagni '06
Arthur Rodriguez '06
Paul Quinlan '06
James Bell, '03, Ex Officio
Hiroshi Hirayama, Ex Officio

LOCAL ARRANGEMENT COMMITTEE

Tarek AbdelHalim '04 Co-Chair
Bharat Joshi, '06 Co-Chair
Kevin Kopp '05
Myron Winer '04
Alexander Chan '06
Daniel Mackey '06
Kenneth Gehrke '06

GEORGE MOULTON AWARD COMMITTEE

Stephen Campbell, '06 Chair
Jack Shirley '04
Richard Cavanaugh '05
Herbert Shillingburg '06
David Burns '06

FUTURE PLANNING AND POLICY COMMITTEE

John Agar, '04 Chair
Carl Andres '04
Denny Smith '04
James Marzolf '05
George Carr '06
Dean Hudson '06
Sarah Johnson '07
John Goodman '04, Past Pres.
Peter Lund, '04, Pres. Elect

TYLMAN RESEARCH COMMITTEE

Kent Knoernschild, '04 Chair
Duane Douglas '04
Bernard Leggatto '06
Thomas Rea '06
Julie Holloway '06
Steve Morgano '08
Nancy Chaffee '08 (Corp. Funding)

NOMINATING COMMITTEE

John Goodman '06 Chair
Richard Cavanaugh '05
Stephen Campbell '04
Peter Lund, Pres. Elect
Philip Pierpont, Vice Pres.

HISTORICAL COMMITTEE

David Seittlin, '05 Chair
Jesse Bullard '07

BYLAWS COMMITTEE

Martin Land, '04 Chair
Gerald Santulli '08
Trudy Burke '04
Xavier Lepe '05
David Beck '07
James Kincaid '08

BUDGET AND FINANCE COMMITTEE

Philip Pierpont, '04 Co-Chair
David Fox '07 Co-Chair
Francis Tung '07
Peter Lund, Ex Officio
Don Garver, Ex Officio

PUBLICITY & COMMUNICATIONS COMMITTEE

Steven Nelson, '07 Chair & Newsletter Editor
Deron Ohtani '05
John Harrison '05
Robert Seckinger '05
Gregg Elefterin '05
Kevin Plummer, Photographer

ETHICS COMMITTEE

Philip Pierpont, '04 Chair
Gary DeWood '04
Dean Hudson '05
Steve Karbowski '06

TABLE CLINICS COMMITTEE

Hiroshi Hirayama, '04 Co-Chair
Carl Driscoll, '08 Co-Chair
William Gioia '06
Paul Correll '06
Kiho Kang '06
Michael Karczewski '08
John Agar, '04 Ex Officio

EXHIBITS COMMITTEE

Marshall Hoffer, '07 Chair
Barry McKnight '04
Ron Stifter '07

RESEARCH IN FIXED PROSTHODONTICS COMMITTEE

Committee Chairs:

(A) Melanie Wood '04

(B) Duane Douglas '05

Committee A:

Melanie Wood '04, Chair
John Unger '04
Stanley Vermilyea '04
Bill Malone, Ex Officio

Committee B:

Duane Douglas, '05 Chair
Jane Brewer '05
Karen Bruggers '05
Bill Malone, Ex Officio

AD HOC COMMITTEES 2003-2004

AD HOC COMMITTEE FOR SECRETARY FOR GUESTS

Peter Lund, Chair
Jane Brewer
David Kaiser
Michael Myers
Don Garver, Ex Officio

AD HOC COMMITTEE FOR INFORMATION TECHNOLOGY

Robert Wright, Chair
David Beck
Martin Land
Bharat Joshi
Richard Cavanaugh
Thomas Girvan
Bill Nagy, Ex Officio

AD HOC COMMITTEE FOR NOMENCLATURE

Ronald Woody, Chair

AD HOC COMMITTEE FOR UNDERGRADUATE FACULTY AWARD IN FIXED PROSTHODONTICS

Jack Edge, Chair
Jane Brewer
Bruce Miller
Alexander Chan
Carl Andres

AD HOC COMMITTEE FOR CORPORATE SUPPORT

Nancy Chaffee, Chair
Stephen Campbell
Kent Knoernschild
Michael Myers

AD HOC COMMITTEE FOR SECRETARY FOR GUESTS

Peter Lund, Chair
Jane Brewer
David Kaiser
Michael Myers

STANDING PRESIDENTIAL APPOINTMENTS 2003-2004

PARLIAMENTARIANS

Martin Land, Chair
Gerald Santulli
William Finagin

MEETING SITE DIRECTOR

Don Garver

ACP PROSTHODONTIC FORUM REPRESENTATIVES

Bill Nagy, Chair
Steve Rosentiel

SECRETARY FOR GUESTS

Don Garver

CHAPLAINS

Earl Stover
David Seittlin
Robert Lorey

AD INTERIM COMMITTEE

Bill Nagy, '04 Chair
John Goodman '04
Jane Brewer '04

PAST TYLMAN AWARD WINNERS *

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

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

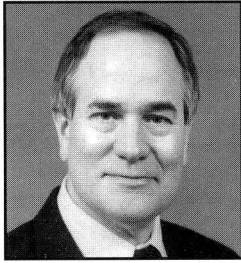
Past Moulton Award Winners

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

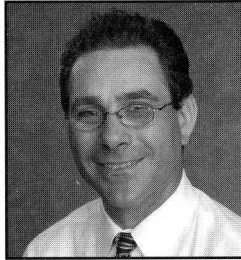
ANNUAL MEMBERSHIP DINNER AND BUSINESS MEETING THURSDAY, FEBRUARY 19, 2004

5:30PM-7:00PM	<i>Early Registration for Members</i> 5th Floor Foyer
5:30PM-7:00PM	<i>Early Registration for Guests</i> 7th Floor Foyer
6:00PM	<i>MembersCocktail Reception</i> 5th Floor Foyer
7:00PM	<i>Members Annual Dinner</i> 5th Floor Chicago Ballroom
8:00PM	<i>Members Annual Business Meeting</i> 5th Floor Chicago Ballroom President's Message Business Meeting Town Hall Meeting
9:00PM	Adjourn

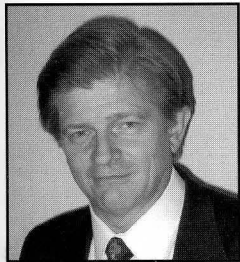
PROGRAM CHAIRMEN



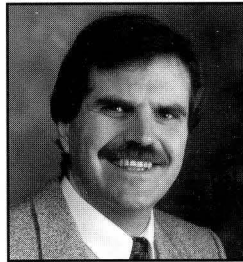
John R. Agar
Program Chairman 2004



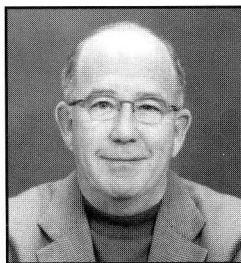
Kevin Kopp
Program Chairman 2005



Martin Land
Program Co-Chairman 2006



Stephen Rosenstiel
Program Co-Chairman 2006



L. James Bell
Ex Officio

EXHIBITOR DIRECTORY

BOOTH

EXHIBITOR

- | | |
|--------------|------------------------------------|
| 1. | BISCO DENTAL |
| 2. | 3i IMPLANT INNOVATIONS |
| 3. | DENTSPLY FRIADENT CERAMED |
| 4. | RENFERT USA, INC. |
| 5. | DUX DENTAL-VANR/CADCO/CLIVE CRAIG |
| 6. | ZIMMER DENTAL |
| 7. | |
| 8. | |
| 9. | |
| 10,17. | QUINTESSENCE PUBLISHING CO., INC. |
| 11. | STRAUMANN USA |
| 12. | CUSP DENTAL RESEARCH INC. |
| 13. | KERR DENTAL |
| 14. | ORASCOPTIC RESEARCH INC. |
| 15. | PREAT CORPORATION |
| 16. | VALLEY DENTAL ARTS |
| 18, 19. | IVOCLAR VIVADENT |
| 20. | PANADENT CORPORATION |
| 21. | RESISTA-TEMP |
| 22. | NOBELBIOCARE |
| 23. | TEKSCAN, INC. |
| 24. | BAY DENTAL DIRECT SUPPLY CO., INC. |
| 25. | ULTRADENT PRODUCTS, INC. |
| 26. | HERAEUS KULZER JELENKO |
| 27. | VIDENT |
| 28. | THE BITE MASTER |
| 29. | ASTRA TECH |
| 30. | GREAT LAKES ORTHODONTICS |
| 31. | BRASSELER USA |
| 32. | WHIP MIX CORPORATION |
| 33. | ARGEN PRECIOUS METALS, INC. |
| 34. | SAUNDERS/MOSBY/CHURCHILL |
| | LIVINGSTONE |
| 35. | |
| 36. | |
| 37. | |
| 38. | |
| 39,40. | WATER PIK TECHNOLOGIES |

2004 TABLE CLINICS PROGRAM
FIFTH FLOOR BALLROOM, 12:00PM-2:00PM
EXHIBITS OPEN, FOOD AVAILABLE
TABLE CLINIC CHAIRMAN - DR. HIROSHI HIRAYAMA

1. *"The Encore Bridge: A New Restorative Modality to Replace an Anterior Tooth"*
Dr. Cecilia E. Aragon
2. *"The Optical Effects of Resin-based Luting Cements on the Ceramic Restorations"*
Dr. Seung-Heuk Chang
Dr. Shigemi Nagai
3. *"Alternatives to Restore Esthetically Unacceptable Single Implants"*
Dr. Rosario Patricia Palacios
4. *"Immediate Provisional Implants for the Transitional Treatment Phase"*
Dr. Michael P. Waliszewski
5. *"Full Mouth Reconstruction of a Patient with Dentinogenesis Imperfecta"*
Dr. Cory B. Sellers
Dr. Patrick Vanderhel
6. *"The Management of Abfractions in Fixed Prosthodontics"*
Dr. Kelly Coops
7. *"Immediate Loading with HA Coated Root Form Implants at the Maxillary Premolar Area"*
Dr. Periklis Proussaefs
Dr. Jaime Lozada
8. *"Long Term Interim Restorations"*
Dr. Ioli-Ioanna Artopoulou
Dr. Maria Gonzalez
9. *"Fabrication of an Esthetic Provisional Restoration"*
Dr. Seungrum Lee
10. *"Articulator and Facebow/Earbow Modification for Accurate Maxillary Cast Mounting Relative to Both Terminal Hinge Axis and Facial Space Planes"*
Dr. William Perry
11. *"Occlusal Indicators in Dentistry"*
Dr. Gaurav Puri
12. *"A Guide to Occlusal Plane Location"*
Dr. Gunjan Dhir
13. *"Zirconia-reinforced Glass-infiltrated Alumina Porcelain Cores Used as Copings of a Tooth-Supported Telescopic Bridge in the Rehabilitation of a Maxillo-facial Patient: A Clinical Report."*
Dr. Mahshid Mirghassemi
Dr. Roberto Pellicchia
14. *"An Overview and Comparison of Fixed Prosthodontic Die Systems"*
Dr. Jesse W. Smith
15. *"The Use of Surgical Stents in Implant Dentistry"*
Dr. Victoria Ortiz
16. *"Resolving Accelerated Occlusal Wear with Screw-retained, Implant-supported Complete Dentures"*
Dr. Giacomo Ori
17. *"Clinical Applications of Zirconia/Alumina Composite Implant Abutments"*
Dr. Jung-Suk Han
Dr. Jae-Ho Yang

2004 TABLE CLINICS PROGRAM
CONTINUED

18. *"The Use of Provisional Means for Restoration of Anterior Maxillary Implants"*
Dr. Passri Christine
Dr. Kourtis Stefanos
19. *"Comparing Shade Guide Coverage Errors: A Clinical Study Using MHT Spectroshade"*
Dr. Tammy Bonstein
Dr. Jane D. Brewer
20. *"Evaluation of Varied Repair Protocols Applied to Aged Composite Resin"*
Dr. Davis Garlapo
Dr. Tammy Bonstein
21. *"Reliability of a Spectrophotometer in Color Measurement of Three Dental Shade Guides"*
Dr. Seungye Kim
Dr. Jane D. Brewer
22. *"A Comparison of Clinical Photography Using Digital and Conventional Technique"*
Dr. Fong Wong
23. *"Transitional Implants in Patients with Sjogren's Syndrome: Technique for Immediate Fixed Dentures"*
Dr. Emad W. Estafanous
24. *"Dental Reconstruction of a Bulimic Patient with Congenitally Missing Laterals Utilizing All Ceramic Restorations"*
Dr. Irene Kosti
Dr. Pangiotis Andritsakis
25. *"Measurement of Rotational Misfit and Implant/Abutment Gap of All- Ceramic Abutments"*
Dr. Wael Garine
Second Place Tylman Research Winner

Possible Presenters (will present if any of above cancel):

1. *"Reconstruction of Severely Atrophic Maxilla"*
Dr. Adel Al-Ahmad
2. *"Cemented Implant Fixed Complete Dentures"*
Dr. Myong Ho Meang
Dr. Alaaeddin Al-Wazzan
3. *Fixed Partial Denture Remover: A Clinical Report*
Dr. Leticia Freire Perezous
Dr. Thomas L. Huff

**THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS
FIFTY-THIRD ANNUAL SCIENTIFIC SESSION
FRIDAY, FEBRUARY 20TH, 2004**

"FUNCTIONAL, DURABLE AND ESTHETIC FIXED PROSTHODONTICS"

- 7:00AM **Registration**, 7th Floor Foyer, Salon III
Continental Breakfast in Exhibit Hall
- 8:15AM **INTRODUCTION:**
Dr. William W. Nagy, President
Dr. John R. Agar, Program Chairman
- 8:30AM "Evidence Based Dentistry"
Dr. Rhonda Jacob
- 9:00AM Peri-implantitis: A Critical Review of The Disease
Dr. Thomas Taylor
- 9:45AM "The Effect of Metal Ceramic Restoration Framework
Design on Tooth Color"
Dr. Vanessa Swain
Tylman Research Winner
- 10:00AM **Break in the Exhibits Hall***
(All Members, Guests and Students Invited)
- 10:40AM "Ceramics: Myths, Evidence, and Open Questions"
Dr. Robert Kelly
- 11:40AM: "Let's Rediscover Gold Castings"
Dr. Richard Tucker
- 12:10 PM: **ANNUAL MEMBER - GUEST LUNCHEON**
(All Members, Guests and Students Invited)
- 1:40PM "The Ceramic Resin Interface: Providing Solutions to
Clinical Challenges"
Dr. Markus Blatz
- 2:05PM "The Dentin Resin Interface: Dentin Bonding/Resin
Composites and Fixed Prosthodontics"
Dr. Jonathan Meiers
- 2:30PM **Break In Exhibits Hall***
(All Members, Guests & Students Invited*)
- 3:00PM "Color Matching: From Irrelevant to Electronic"
Dr. Jane Brewer
- 3:45PM "Prosthodontic Versus Surgical Management
of Ridge Deficiencies"
Dr. Stefan Neeser
Dr. Kenneth Malament
- 5:00:PM **ANNUAL MEMBER-GUEST COCKTAIL
RECEPTION**

**THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS
FIFTY-FIRST ANNUAL SCIENTIFIC SESSION
SATURDAY, FEBRUARY 21st, 2004**

***"FUNCTIONAL, DURABLE AND ESTHETIC FIXED
PROSTHODONTICS"***

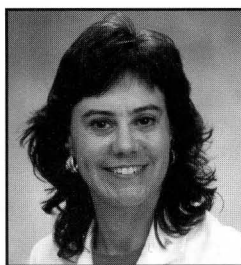
- 7:00AM **Registration**, 7th Floor Foyer, Salon III
Continental Breakfast in Exhibit Hall*
- 8:00AM "Comprehensive Management of Partially Edentulous
Patients-Orthodontics, Prosthodontic and Surgical
Interrelationships"
Dr. Ward Smalley
- 10:00AM **Break in Exhibit Hall - Members & Guests***
- 10:40 AM "Surgical-Prosthodontic Implant Rehabilitation
of the Hypodontia Patient"
Dr. Kenji Higuchi
- 12:00PM **Table Clinics and Light Lunch**
5th Floor Ballroom and Exhibit Hall**
- 2:00PM "Crown and Bridge and Implants: Simplicity and
Esthetics"
Dr. Kenneth Hebel
- 4:00PM "All-Ceramic Fixed Partial Dentures
Contemporary Materials and Technologies"
Dr. Ariel Raigrodski
- 4:30PM President's Closing Remarks
Dr. William W. Nagy

Special Thanks to our Reserve Speaker, Dr. Thomas McGarry, for his valuable assistance in standing by in case of an emergency with his presentation "The Classification for Partial Edentulism and the Completely Dentate Patient". See page 33

Note: *Exhibits will be open continuously from 7:00AM to 5:00PM for your convenience
*All food and refreshments will be served in the Exhibit Hall

*Note: Exhibits will be open continuously from 7:00AM to 2:00PM for your convenience.

**All food and refreshments will be served in the Exhibit Hall

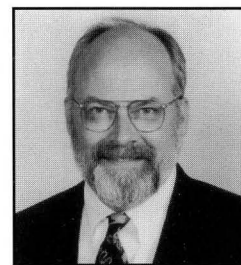


Rhonda F. Jacob, BS, DDS, MS

“Evidence-Based Dentistry: What is it, and How Does It
Impact the Patient and the Practitioner?”

Synopsis: How can two articles outlining the same dental therapy report opposite findings? How can you decide which article “to believe” and how can you determine which of the two therapies may suit your patient? What type of clinical evidence is required before a practitioner should change his or her clinical practice? Methods to assess the “value and power” of a clinical paper will be discussed.

Curriculum Vitae: Dr. Rhonda Jacob received her DDS and MS in prosthodontics from the University of Iowa. She completed her training in maxillofacial prosthodontics and dental oncology at the University of Texas M. D. Anderson Cancer Center, where she is currently Professor and Dental Oncologist in the Department of Head and Neck Surgery. Dr. Jacob is a Diplomate of the American Board of Prosthodontics, a Fellow of the American College of Prosthodontists, and served on the Board of Directors and as Executive Secretary and Treasurer of the AAMP. Her clinical and academic interests relate to the prosthodontic rehabilitation of the head and neck cancer patient. She has recently worked with several study groups teaching techniques of critical appraisal of the literature and evidence-base patient care.



Thomas D. Taylor, DDS, MSD

“Peri-implantitis: A Critical Review of the
Disease”

Synopsis: The literature available regarding the diseases of peri-implant tissues is confusing and contradictory, at best. This presentation will critically review the available literature and try to translate it into information that is useful to the clinician. The concept of peri-implantitis as a disease entity will be challenged.

Curriculum Vitae: Dr. Thomas Taylor is currently Professor and Chairman, Department of Prosthodontics and Operative Dentistry at the University of Connecticut. He is prosthodontic editor and abstract editor for the International Journal of Oral and Maxillofacial Implants. He is Past President and current Executive Director of the American Board of Prosthodontics and Past President of the American College of Prosthodontists.



Vanessa L. Swain, DMS

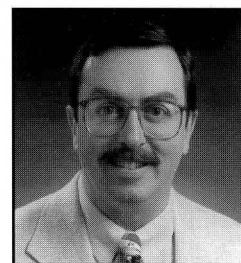
“The Effect of Metal Ceramic Restoration Framework Design on Tooth Color”

Learning Objectives:

1. How modifying the framework design can compensate for the loss of light transmission through a tooth.
2. Effect of light transmission through a restoration and alteration of the color.
3. How cutback of the metal framework can result in a significant decrease of color change.

Synopsis: This presentation will examine how modifying the metal framework design can compensate for the loss of light transmission through a tooth. Light transmission through a restoration to the tooth is affected by the opaque nature of the metal substructure. The decrease in light transmission through a restoration has been shown to alter the color of the tooth adjacent to the restoration margin. Results show that increasing the facial cutback of the metal framework can result in a significant decrease in color change of the adjacent natural tooth.

Curriculum Vitae: Dr. Vanessa Swain is a 1999 graduate of the University of Manitoba, School of Dentistry, earning a DMD degree. She recently completed the Postgraduate Program in Prosthodontics, earning a MSc degree, at the University of Minnesota. Dr. Swain is currently an Assistant Professor in the Division of Fixed Prosthodontics at the University of Manitoba Faculty of Dentistry.

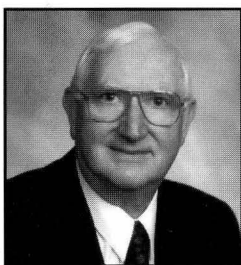


J. Robert Kelly, BA, DDS, MS, D Med Sc

“Ceramics: Myths, Evidence & Open Questions”

Synopsis: There are both esthetic and structural implications with the use of ceramics in fixed prosthodontics and restorative dentistry. Both longevity and esthetics are strongly influenced by other materials interfaced with ceramics (particularly metals, cements, dentin, and enamel) along with the aspects of the oral environment. This presentation will utilize our base of clinical knowledge and laboratory evidence to provide sound insights into the clinical indications for and delivery of dental ceramics and an understanding of current and emerging products.

Curriculum Vitae: Dr. Robert Kelly is a Professor in the Department of Prosthodontics and Operative Dentistry and Director of the Dental Clinical Research Center at the University of Connecticut Health Center. He is widely known for fundamental research into the development and clinical behavior of dental ceramics, is responsible for overseeing international standards on ceramics and metal-ceramic systems, and still enjoys “stacking” his own glass.



Richard V. Tucker, DDS

Synopsis: This lecture will verify the permanence and esthetic quality of gold restorations. Various designs of cavity preparations will be demonstrated. More conservative procedures allow for maintaining tooth structure and providing good esthetic results. Shortcomings of other filling materials are creating new interest in gold castings for posterior restorations, and new techniques have evolved using materials that previously were not available. Gold castings are becoming a "first choice" treatment among many restorative dentists, and patient satisfaction is very high.

Curriculum Vitae: Dr. Richard V. Tucker is Past President of the Washington State Dental Association, American Academy of Operative Dentistry, and the Academy of Gold Foil Operators. He is a Fellow of the American College of Dentists and the American Academy of Restorative Dentistry. Dr. Tucker is a recipient of the Biaggi Gold Medal from the Italian Congress, the Medal of Excellence presented by the Academy of Operative Dentistry, and the Distinguished Service Award from the College of Dental Surgeons, British Columbia. He was chosen Distinguished Alumnus of Washington University in 1996, and is in full time private practice. He was presented Honorary Membership in the British Columbia College of Dentistry and he was recently awarded an Honorary Doctor of Laws by the University of British Columbia.

ANNUAL ACADEMY LUNCHEON

PRESENTATION OF THE STANLEY D. TYLMAN RESEARCH AWARDS FOR 2003*

DR. KENT L. KNOERNSCHILD
CHAIRMAN, TYLMAN RESEARCH COMMITTEE

FIRST PLACE WINNER

Dr. Vanessa Swain
University of Minnesota
"The Effect of Metal Ceramic Restoration Framework Design on Tooth Color"
Program Director: Dr. James Holtan
Research Director: Dr. Igor Pesun

SECOND PLACE WINNER

Dr. Wael Garine
University of Rochester Eastman Dental Center
"Measurement of Rotational Misfit and Implant/Abutment Gap of All Ceramic Abutments"
Program Director: Dr. Carlo Ercoli
Research Director: Dr. Carlo Ercoli

UNDERGRADUATE FACULTY AWARD FOR EXCELLENCE IN TEACHING

Dr. Jack Edge, Chairman
2004 Awardee: TBA

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

2004 Awardee: Dr. Ronald D. Woody

PRESENTATION OF NEW AAFP MEMBERS

Dr. William W. Nagy
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 ProstheticDentistry, Waterpik, Brasseler, The Straumann Company, and Astra.**

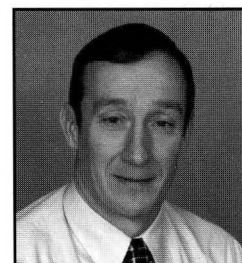


Markus B. Blatz, DMD, Dr. Med. Dent.

“The Ceramic-Resin Interface: Providing Solutions to Clinical Challenges”

Synopsis: The rapidly increasing use of high-strength ceramic materials such as aluminum-oxide and zirconium-oxide ceramics raises concerns about proper cementation and resin-bonding methods. The available research on this topic is surprisingly small and clinical applications remain major challenges. This presentation reviews the existing evidence on the ceramic-resin interface and introduces new knowledge and solutions to enhance the resin bond along with clinical applications.

Curriculum Vitae: Dr. Markus Blatz graduated and received his Doctorate from the University of Freiburg, Germany, and is board certified by the German Society of Prosthodontics. He has published extensively on various facets related to ceramics and adhesion. Dr. Blatz is Associate Editor of *Quintessence of Dental Technology* and an editorial board member of the *Journal of Esthetic and Restorative Dentistry*, *Quintessence International*, the *Journal of Adhesive Dentistry*, and *Practical Procedures and Aesthetic Dentistry*. He is a member of various professional organizations, including the European Academy of Esthetic Dentistry.

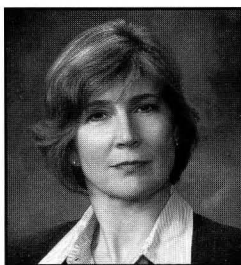


Jonathan C. Meiers, MS, DMD

“The Dentin Resin Interface: Dentin Bonding/Resin Composites and Fixed Prosthetics”

Synopsis: Dentin Bonding has changed the scope of Dentistry and will continue to impact on the way we practice in the future. Dental Manufacturers are offering new or improved dentin bonding products and new resin composite luting systems for use with adhesive prosthodontic procedures at an alarming pace. This presentation offers to discuss the pros and cons of this technology and to explain some basic fundamentals of these systems to help the practitioner better understand what this technology can provide for themselves and their patients.

Curriculum Vitae: Dr. Jonathan C. Meiers received his BA in Biology from the University of Connecticut in 1972. He earned his DMD degree in 1976 from the University of Pennsylvania School of Dental Medicine. In 1983 he received his Certificate in Cariology and in 1984 his MS in Operative Dentistry from the University of Minnesota School of Dentistry. He served in the US Navy Dental Corps from 1976 to 1996. From 1990 to 1996 he was a Professor at the Naval Post-Graduate Dental School in Bethesda, MD. Additionally, he served as Director of Material Testing and Evaluation and Specialty Advisor for Preventive Dentistry for the Navy Surgeon General. He is presently Associate Professor and Division Head for Operative Dentistry in the Department of Prosthodontics and Operative Dentistry at the University of Connecticut School of Dental Medicine. He has published over 50 manuscripts, book chapters, and co-authored 1 book. Research involves dentin/enamel bonding, fiber-reinforced composite development and applications.

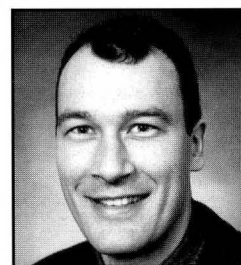


Jane D. Brewer, DDS, MS

“Color Matching: From Irrelevant to Electronic”

Synopsis: Practitioners engaged in prosthetic and restorative dental practice have seen a gradual evolution of porcelain and shade guide systems which reflects the scientific analysis of both the optical properties of natural teeth, and their distribution in color space. This lecture will present a brief historical account of color matching as well as recent developments in clinical shade selection, including the newest shade guide organization and the use of electronic “shade devices” for assessing and communicating “tooth shade”.

Curriculum Vitae: Dr. Jane D. Brewer is a prosthodontist in private practice in Orchard Park, NY, and Clinical Associate Professor in the Department of Restorative Dentistry at the University at Buffalo School of Dental Medicine. She has served on the Board of Directors of this Academy, and holds memberships in the Greater New York Academy of Prosthodontics, the Academy of Prosthodontics, the American College of Dentists, and the American College of Prosthodontists. Dr. Brewer also serves on the Editorial Council of the Journal of Prosthetic Dentistry.



Stefan Neeser, DMD

“Prosthodontic Versus Surgical Management of Ridge Deficiencies”

Synopsis: The loss of alveolar ridge contour compromises functional, esthetic and phonetics for our patients. Maintaining predictability and esthetic results impose great challenges to the dental team. Mild to moderate defects can be corrected by bone and connective tissue grafting but may not create ideal anatomy to establish position as well as gingival and tooth symmetry. Surgical and prosthetic modalities will be discussed including the use of surgical templates, provisional restorations, treatment sequencing, treatment wax-ups, and gingival ceramic materials to treat ridge deficiencies.

Curriculum Vitae: Dr. Stefan Neeser completed a four year program in dental technology in Switzerland. From 1987 to 1994 he has been head of Inprotek Dental Laboratory in Boston, MA. Dr. Neeser has made contributions to the Empress, In-Ceram and ITI implant system and developed the Ivoclar gingival ceramic. He has concentrated his studies on areas such as gnathology, occlusion, implants, and ceramics. He has published in the dental literature and lectured nationally and internationally on these topics. In 1998 he received his DMD from Tufts University and in 2001 graduated from the postdoctoral prosthetic program at Tufts. Dr. Neeser practices full time in Boston, MA.



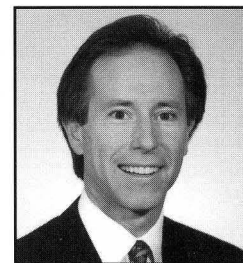
Kenneth A. Malament, BA, DDS, MSd

"Prosthetic Versus Surgical Management of Ridge Deficiencies"

Synopsis: The loss of ridge contour compromises functional, esthetic and phonetics for our patients. Maintaining predictability and esthetic results impose great challenges to the dental team. Mild to moderate defects can be corrected by bone and connective tissue grafting but may not create ideal anatomy to establish position as well as gingival and tooth symmetry. Surgical and prosthetic modalities will be discussed including the use of surgical templates, provisional restorations, treatment sequencing, treatment wax-ups, and gingival ceramic materials to treat ridge deficiencies.

Curriculum Vitae: Dr. Kenneth A. Malament received his DDS from NYU College of Dentistry and a specialty certificate and Masters's degree from Boston University School of Graduate Dentistry. Dr. Malament has a full-time practice limited to prosthodontics in Boston that includes a dental laboratory with master dental technologists. He is a Clinical Professor at Tufts University in the Postgraduate Department of Prosthodontics. He is an Examining Director and Diplomate of the American Board of Prosthodontics. Dr. Malament is a Fellow of the American College of Prosthodontists, Academy of Prosthodontics, Greater New York Academy of Prosthodontics, and the Northeastern Gnathological Society. He is an active member of many dental organizations including the International College of Prosthodontists, American Academy of Fixed Prosthodontics,

American Academy of Esthetic Dentistry, Academy of Osseointegration, Northeastern Prosthodontic Society and the American Equilibration Society. Dr. Malament was on the research and development teams for two different well-known ceramic products and developed instrumentation used in clinical practice. He is a consultant to three journals and has published widely in the dental literature. He lectures nationally and internationally.

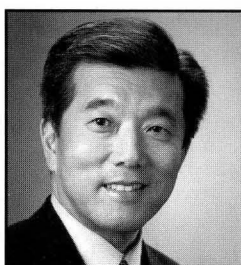


Ward M. Smalley, DDS, MSD

"Comprehensive Management of Partially Edentulous Patients: Orthodontic, Prosthodontic, and Surgical Interrelationships"

Synopsis: Dentitions debilitated by loss of teeth are often poorly managed resulting in compromised esthetics, hygiene, functional and/or resistance to parafunction. Inadequate diagnosis of the problems, inadequate knowledge of treatment possibilities, lack of appropriate treatment goals and/or inappropriate treatment plans set the stage for less than optimal treatment results. This presentation will emphasize a comprehensive approach to managing partially edentulous patients with osseointegrated implants. Osseointegrated implants have great potential for achieving optimal esthetics and function in partially edentulous patients. They have the ability to provide skeletal anchorage to facilitate the movement of teeth and provide support for the prosthetic replacement of missing teeth. The prosthodontic benefits of integrating implants and orthodontics in the partially edentulous patients are significant. Clinical use of implants for tooth movement as well as tooth replacement will be presented. The focus will be on the indications, planning, timing and placement of endosseous titanium implants and comprehensive treatment of partially edentulous patients.

Curriculum Vitae: Dr. Ward M. Smalley is a prosthodontist and board certified orthodontist who maintains a private practice limited to orthodontics in Seattle, WA, and teaches part-time at the University of Washington in Orthodontics and Restorative Dentistry. He received his DDS from the University of WA in 1977. He earned a Certificate in Fixed Prosthodontics and an MSD at the University of WA in 1984. In 1986 he received a Certificate in Orthodontics and a second MSD from the same institution. He is currently an Affiliate Professor on the faculty at the University of WA.

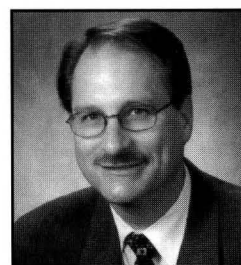


Kenji W. Higuchi, DDS, MS

“Surgical-Prosthetic Implant Rehabilitation of the Hypodontia Patient”

Synopsis: This presentation will focus on the surgical aspects of implant rehabilitation of patients presenting with hypodontia, oligodontia, and anodontia. A review of clinical and radiographic findings in the various forms of hypodontia will be discussed. Treatment based upon age, clinical conditions, and patient preference will be reviewed using examples of implant rehabilitation in these various forms of hypodontia. Soft tissue and bone grafting procedures will be included in the reconstructive portion of this presentation. Orthodontic management prior to surgery for the patient with hypodontia-oligodontia shall be addressed.

Curriculum Vitae: Dr. Kenji W. Higuchi is a Diplomate of the American Board of Oral and Maxillofacial Surgery and is in the private practice of oral and maxillofacial surgery, emphasizing reconstructive bone grafting and implant procedures. He serves as Director of The Spokane Center for Tissue Integrated Reconstruction. He has held past full time academic positions at the University of Iowa and is presently a visiting clinical Professor of Oral and Maxillofacial Surgery at the Universidade de Sao Paulo, Brazil and Universidade de Coracao Bauru, Brazil. He has authored or co-authored 36 publications and chapters in eight textbooks and has edited two textbooks. Dr. Higuchi has been a keynote speaker at major national and international conferences and is a journal consultant for the *Clinical Implant Dentistry and Related Research* and *The International Journal of Oral and Maxillofacial Implants*. He has completed a six year term as an examiner for the American Board of Oral and Maxillofacial Surgery and has served as past chairman of The Implant Section of the Parameters of Care for Oral and Maxillofacial Surgery, American Association of Oral and Maxillofacial Surgeons and as a consultant to the Council on Accreditation for the American Dental Association.



Kenneth S. Hebel, BSc, DDS, MSc

“Crown and Bridge and Implants - Simplicity and Esthetics”

Synopsis: This presentation will emphasize the use of standard prosthodontic principles to simplify the restoration of dental implants. An organized approach will be discussed for the evaluation, diagnosis, and treatment planning of dental patients. This approach can apply to patients who are having fixed reconstruction on natural teeth, removable prosthetic reconstructions, as well as implant supported reconstructions.

Curriculum Vitae: Dr. Kenneth S. Hebel is a certified prosthodontist in private practice in London, Ontario, Canada, where he provides both advanced surgical and prosthetic phases of Implant Dentistry. Dr. Hebel is a published author and lectures on all phases of restorative and implant dentistry. He has presented over 200 lectures, over five continents. In addition, he is director of the HebelGajjar Seminars where he provides extensive hands-on surgical and prosthetic training in Implantology.

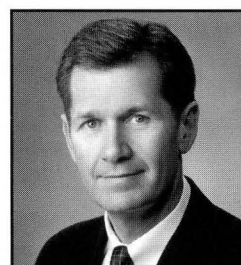


Ariel J. Raigrodski, MS, DMD

All-Ceramic Fixed Partial Dentures-Contemporary Materials and Technologies"

Synopsis: All-ceramic systems for all-ceramic fixed partial dentures (FPD's) are available for single tooth replacement. Most of these systems use zirconia-based materials and/or CAD/CAM technology for designing and fabricating tooth colored FPD frameworks. Initial clinical data, although limited, is promising. This presentation will provide an overview on the evolution of all-ceramic FPD's and outline the features of contemporary materials and technologies used for fabricating these restorations.

Curriculum Vitae: Dr. Ariel J Raigrodski is an Associate Professor and Director of the Division of Graduate Prosthodontics in the Department of Restorative Dentistry at the University of Washington. He completed his prosthodontic training and received an MS degree at the LSU School of Dentistry, where he served as an Assistant Professor in the Department of Prosthodontics. A graduate of the Hebrew University in Jerusalem, Dr. Raigrodski is a member of the editorial boards of the *Journal of Esthetic and Restorative Dentistry*, *Practical Procedures and Aesthetic Dentistry* and *Quintessence of Dental Technology*. His primary research interest is in the clinical applications of ceramic materials. A fellow of the American College of Prosthodontics, a member of The American Academy of Fixed Prosthodontics, and a member of the Academy of Osseointegration, he lectures nationally and internationally.



Thomas J. McGarry, DDS

"The Classification Systems for Partial Edentulism and the Completely Dentate Patient"

Synopsis: The American College of Prosthodontists has developed classification systems for the partially edentulous patient and the completely dentate patient based on diagnostic findings. These classifications are second and third in a series and similar to the Classification for Complete Edentulism previously developed by the ACP. Four categories of partial edentulism and four categories of completely dentate patients are defined as Class I to Class IV, with Class I representing an uncomplicated clinical situation and a Class IV representing a complex clinical situation. This system is designed for use by dental professionals involved in the diagnosis and treatment of completely dentate patients. Potential benefits of the system include: (1) improved intraoperator consistency, (2) improved professional communication, (3) insurance reimbursement commensurate with the complexity of care, (4) improved screening tool for the dental school admission clinics, (5) standardized criteria for outcomes assessment and research, (6) enhanced diagnostic consistency, (7) simplified aid in the decision to refer a patient.

Curriculum Vitae: Dr. McGarry received his DDS degree in 1975 from UMKC School of Dentistry, his Certificate in Prosthodontics in 1978 from UCSF/VA San Francisco and became a Diplomate of the American Board of Prosthodontics in 1991. He is a fellow of the ACP and has served as President of the College. He is Chair for the Prosthodontic Classification System Subcommittee and the Parameters of Care Subcommittee. He maintains a full time private practice in Oklahoma City and was the founder of the Oklahoma Section of the ACP as well as founder of the Oklahoma Society of Prosthodontists. He belongs to many professional organizations and has held numerous faculty positions.