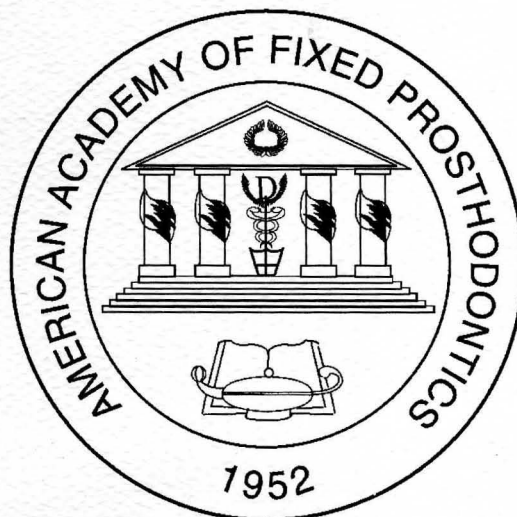


**THE AMERICAN ACADEMY
OF FIXED PROSTHODONTICS**



***Failures: The Road
Less Travelled***

58TH ANNUAL SCIENTIFIC SESSION

FRIDAY, FEBRUARY 27, 2009

SATURDAY, FEBRUARY 28, 2009

CHICAGO MARRIOTT DOWNTOWN

7TH FLOOR BALLROOMS I, II, III

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TABLE OF CONTENTS

| | |
|--|-------|
| MISSION AND GOALS | 2 |
| ORIGIN AND HERITAGE | 3 |
| PAST PRESIDENTS..... | 4 |
| PRESIDENT'S MESSAGE..... | 5 |
| OFFICERS AND DIRECTORS | 6-7 |
| COMMITTEES AND PRESIDENTIAL APPOINTEES | 8-9 |
| PREVIOUS TYLMAN AWARD RECIPIENTS..... | 10 |
| PREVIOUS MOULTON AND BAKER AWARD RECIPIENTS..... | 11 |
| ANNUAL BUSINESS MEETING & DINNER..... | 12 |
| PROGRAM CHAIRMEN..... | 13 |
| EXHIBIT DIRECTORY | 14 |
| TABLE CLINIC DIRECTORY..... | 15-19 |
| FRIDAY SCIENTIFIC PROGRAM | 20 |
| SATURDAY SCIENTIFIC PROGRAM..... | 21 |
| ANNUAL LUNCHEON..... | 26 |
| Tylman Award Presentation | |
| Baker Award Presentation | |
| Moulton Award Presentation | |
| Introduction of New Members | |
| FRIDAY PROGRAM SPEAKERS AND SYNOPSES | 22-30 |
| SATURDAY PROGRAM SPEAKERS AND SYNOPSES | 31-38 |
| RESERVE SPEAKER | 39 |
| NOTE SPACE..... | 40 |

TENTATIVE 2010 MEETING DATE

February 26-27, 2010

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THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS MISSION AND GOALS

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

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

Authored by:

Dr. Stephen D. Campbell

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THE ORIGIN AND HERITAGE OF THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS

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

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

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

The next meeting was at French Lick, Indiana, on March 19, 1951, where the tentative Constitution and Bylaws were presented for final approval. Charter members were initiated into the Academy on February 2, 1952, in Chicago, making this the first annual meeting of The Academy of Crown and Bridge Prosthodontics. We have continued to grow and expand our national and international membership to our present total of over 600 active and life members in 20 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.

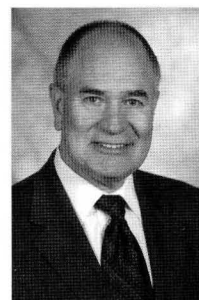
Authored by:

Dr. Jesse T. Bullard

PAST PRESIDENTS

| | |
|----------------------------------|--------------------------------|
| * Claude R. Baker.....1952-53 | Robert D. Jeronimus.....1981 |
| * Robert P. Dressel1954 | * Lloyd L. Miller.....1982 |
| * E. David Shooshan.....1955 | * John H. Emmert.....1983 |
| * Earl Allen Nelson.....1956 | * Alfred C. Macaluso.....1984 |
| * L. Walter Brown, Jr.....1957 | Ernest B. Mingledorff.....1985 |
| * George H. Moulton1958 | Herbert Ptack.....1986 |
| * Francis B. Vedder1959 | Ralph A. Yuodelis.....1987 |
| * Stanley D. Tylman1960 | William D. Culpepper.....1988 |
| * William H. Hagen.....1961 | Ronald G. Granger.....1989 |
| * Everett Carl Brooks.....1962 | Maurice H. Martel.....1990 |
| * Ernest B. Nuttall1963 | Ronald D. Woody.....1991 |
| * Fred Norman Bazola1964 | Albert J. Kazis.....1992 |
| * John D. Adams1965 | * William L. Nequette.....1993 |
| * Robert Conley Zeisz1966 | Dale L. Timberlake.....1994 |
| * Willis Edward Corry.....1967 | Jesse T. Bullard.....1995 |
| * Joseph E. Ewing.....1968 | Harvey L. Colman.....1996 |
| * E. Edward Kraus.....1969 | Gerald J. Ziebert.....1997 |
| Raymond M. Contino.....1970 | Richard D. Wilson.....1998 |
| * Douglas H. Yock.....1971 | Denny M. Smith.....1999 |
| * Philip Williams.....1972 | Davis A. Garlapo.....2000 |
| * Douglas M. Lyon.....1973 | Stephen D. Campbell.....2001 |
| Kenneth A. Morrison.....1974 | Richard R. Cavanaugh.....2002 |
| * Robert Sheldon Stein.....1975 | John T. Goodman.....2003 |
| * John M. Schlick1976 | William W. Nagy.....2004 |
| Charles L. Ziegler.....1976 | Peter S. Lund.....2005 |
| Charles J. King.....1977 | H. Philip Pierpont.....2006 |
| Samuel E. Guyer.1978 | Jane D. Brewer.....2007 |
| * Roland W. Dykema.1979 | Martin F. Land.....2008 |
| * Wade H. Hagerman, Jr.1980 | John R. Agar.....2009 |

* Deceased



DR. JOHN R. AGAR
PRESIDENT, 2008-09

Welcome to Academy members and guests attending this Fifty-Eighth Annual Meeting and Scientific Session of The American Academy of Fixed Prosthodontics.

Expectations resulting from historic precedent require our Academy to provide outstanding professional enrichment and camaraderie during this annual event. Unexcelled value is a goal of our Academy. We strive to keep cost low and quality high.

Carl Driscoll has obtained a superb group of speakers for our scientific session. He has orchestrated a continuing education program of very high quality and advanced level of knowledge, the distinguishing hallmark of our Academy.

Thanks to the many academy committees, officers and directors who have planned and worked to achieve excellence in every aspect of our Chicago meeting.

I hope your learning experience and comradeship are enjoyable during the next couple of days.

PLEASE NOTE:

Academy leaders are trying to make our website easier to use as a major resource for communication and business.

Members and guests can use the website www.fixedprosthodontics.org to acquire information about scientific meetings, table clinics, membership and awards. In addition meeting registration, dues payment and access to forms for accessing other Academy services are available via the website. Members should access the website to correct their profiles, to pay dues, to locate members for referral of patients and to review AAFP activities.

If you have questions or suggestions regarding the website, please contact one of the following: Julie Holloway (Information Technology Chair), Rick Jordan (Secretary for Guests and Treasurer), or Denny Smith (Secretary).

John R. Agar

John R. Agar, President

OFFICERS AND DIRECTORS 2008-2009
AMERICAN ACADEMY OF FIXED PROSTHODONTICS

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Email: c@umaryland.edu

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Email: pesun@cc.umanitoba.ca

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Email: arod1@zoominternet.net

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Email: kenwg@uic.edu

DIRECTOR 2011

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Dubai, United Arab Emirates
Phone: 971-4-424-8603
Cell: 055 4108 582
Email: steven.morgano@budubai.ae

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Dr. Julie Holloway
305 W. 12th Avenue, Room 3005-U
Columbus, Ohio 43210
Phone: 614-932-9212
Email: holloway.3@osu.edu

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Alfonso Monarres '09
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Sarita Arteaga '11

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Georg Strub '09
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Kenneth Malamant '10
Ariel Raigrodski '11
Ricardo Schwedhelm, *Ex Officio*
Jerry Andres, *Ex Officio*

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Len Lofstrom '09
Anthony Montella '09
Randy Vaughan '09
Myron Winer '10 - AV Consultant

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Herbert Shillingburg '09
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Robert Kelly '10
Ted Jenkins '11
James Skiba '12
Steven Hart '12
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Dennis Weir, Consultant

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Nadim Baba '11
Melanie Wood '11

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Martin Land, Advisor

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Martin Land, Advisor

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Douglas Phillips '09
James Dunne '10
Kent Knoernschild, Pres-Elect, *ExOfficio*
Stephen Rosenstiel, VP, *Ex Officio*
Rick Jordan, Treasurer, *Ex Officio*

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Elena Nazarova '12, Photographer
Sangeetha Raghavendra, Consultant

ETHICS COMMITTEE

Stephen Rosenstiel '08, VP & Chair
Robert Haney '10
Sangeetha Raghavendra '11

CLAUDE R. BAKER TEACHING AWARD
IN FIXED PROSTHODONTICS
Carmen Paez de Mendoza '09, Chair
Felicia Wilson '09
R. Duane Douglas '10
Alvin Wee '10
Patchnee Rungruanganunt '11

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Alex Peregrina '11 Co-Chair
Marshall Hoffer '11
David Donatelli, '09 Consultar
Kent Knoernschild, '09 Consultant

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George Kay '09
E. Ricardo Schwedhelm '09
Steve Rosenstiel '11
Amir Khatami '12
Peter Lund, Consultar

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David Donatelli '10
Nancy Clelland '10
Kevin Plummer, *Ex Officio*

COMMITTEE B:

Stan Vermilyea, Chair '09
Carlo Ercoli '09
David Gratton '09
Kevin Plummer, *Ex Officio*

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Steve Morgano, Jane Brewer, Martin Land
Alex Peregrina, Carl Driscoll

AD HOC COMMITTEE FOR DENTAL LABORATORY TECHNICIAN SUPPORT

Burney Croll, Chair
Peter Lund, Sarah Johnson

AD HOC COMMITTEE TO CONSIDER AN AAFP MEETING IN EUROPE

Martin Land, Chair
Jack Lipkin, Stephen Rosenstiel, Denny Smith

AD HOC COMMITTEE FOR THE GARVER-STAFFANOU PROSTHODONTIC RESIDENCY EDUCATOR AWARD INITIATIVE

Steve Morgano, Chair
Carl Driscoll, Julie Holloway, Kent Knoernschild
Gerry Santulli, Advisor

STANDING PRESIDENTIAL APPOINTMENTS 2008-2009

PARLIAMENTARIANS

Gerald Santulli

SECRETARY FOR GUESTS

Richard Jordan

MEETING DIRECTOR

Jack Lipkin
Ken Gehrke, Assistant

CHAPLAINS

Earl Stover

ACP PROSTHODONTIC FORUM REPRESENTATIVES

John Agar
Kent Knoernschild, Alternate

PREVIOUS TYLMAN AWARD RECIPIENTS*

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
 2007: Dr. Heather J. Conrad
 2008: Dr. Keith L. Guzaitis

*date listed is date awarded - award adjudicated in the preceding year

The Academy is grateful for the support of the Tylman Research Program
from the Editorial Council of the Journal of Prosthetic Dentistry



PREVIOUS 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
 2007: Stephen D. Campbell
 2008: Dr. Don G. Garver

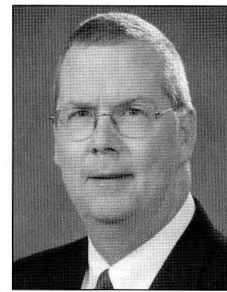
PREVIOUS CLAUDE R. BAKER AWARD RECIPIENTS*

2002 Not Awarded
 2003 Dr. Alvin Wee
 2004 Dr. Ariel Raigrodski
 2005 Dr. Nyung G. Chang
 2006 Dr. Patchnee Rungruanganunt
 2007 Dr. Shigemi Ishikawa-Hagai
 2008 Not Awarded

*Prior to 2005 the award was named the Undergraduate Teaching Award. The Undergraduate Teaching Award was established February 21, 2001. The name was changed to the Claude R. Baker Teaching Award on August 21, 2004.

ANNUAL MEMBERSHIP DINNER AND BUSINESS MEETING
THURSDAY, FEBRUARY 26, 2009

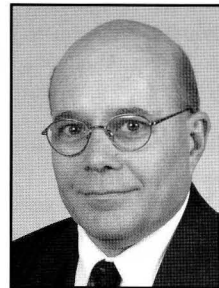
- 5:30PM-7:00PM *Early Registration for Members*
 5th Floor Foyer
- 6:00PM *Members Cocktail Reception*
 5th Floor Foyer
- 7:00PM *Members Annual Dinner*
 5th Floor Chicago Ballroom
- 8:00PM *Members Annual Business Meeting*
 5th Floor Chicago Ballroom
 Business Meeting
- Town Hall Meeting*



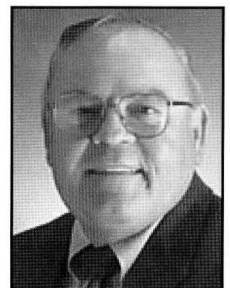
Dr. Carl Driscoll
2009 Program Chairman



Dr. Ken Malament
2010 Program Chair



Dr. Ricardo Schwedhelm
Ex-Officio



Dr. Jerry Andres
Ex-Officio

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2009 TABLE CLINICS PROGRAM
FIFTH FLOOR BALLROOM,
SATURDAY, FEBRUARY 28TH - 12:15PM-1:45 PM
EXHIBITS OPEN, FOOD AVAILABLE
TABLE CLINIC CHAIR: DR. FLAVIO RASETTO

- 1 Title: ***Immediate provisionalization of an implant site in the esthetic zone: A case report***
Presenter 1: Dr. Phu K. Tran
Presenter 2: Dr. Erik Lachner
Institution: Baylor College of Dentistry, Dallas, TX
- 2 Title: ***The effect of equilibrating master casts on the occlusal harmony of cast restorations***
Presenter 1: Dr. Joe Meng
Presenter 2: Dr. Sven Bone
Institution: Baylor College of Dentistry, Dallas, TX
Mentor: Dr. William Nagy
- 3 Title: ***Immediate extraction and implant placement on bisphosphonate patient therapy***
Presenter 1: Dr. Georgios Maroulakos
Presenter 2: Dr. E. Viviana Guzman
Institution: Baylor College of Dentistry, Dallas, TX
Mentor: Dr. William Nagy
- 4 Title: ***Analysis of post-fatigue reverse-torque values at the abutment/implant interface***
Presenter: Dr. Paul Martin Cashman
Institution: University of Iowa, Iowa, IA
Mentor: Dr. Robert Schneider
- 5 Title: ***Transitional implants aid in the fixed reconstruction of the edentulous arch***
Presenter 1: Dr. P. Andrew Benson
Presenter 2: Dr. Boulos Bechara
Institution: Baylor College of Dentistry, Dallas, TX
Mentor: Dr. William Nagy
- 6 Title: ***CAD/CAM technology for the surgical and restorative treatment***
Presenter: Dr. Yi-Hua Niu
Institution: University Of Michigan, Ann Arbor, MI
Mentor: Dr. Michael Razzoog

- 7 Title: ***Segmental frameworks/customized implant frameworks (Clinical Topic)***
 Presenter: Dr. Demetrios Sarantopoulos
 Institution: Marquette University School of Dentistry, Milwaukee, WI
 Mentors: Dr. Michael Waliszewski and Dr. Gerald Ziebert
- 8 Title: ***A solution to angulated implants supporting a mandibular fixed-detachable***
 Presenter: Dr. David Kachelmeyer
 Institution: Marquette University School of Dentistry, Milwaukee, WI.
 Mentors: Dr. Charles Pechous and Dr. Gerald Ziebert
- 9 Title: ***Relationships of facial anatomic landmarks with midlines of the face and mouth***
 Presenter: Dr. Avinash Bidra
 Institution: University of Connecticut, CT & UT MD Anderson Cancer Center
 Mentor: Dr. John Agar
- 10 Title: ***Wear Parameters of zirconia and titanium at the implant/abutment interface***
 Presenter: Dr. Michael W. Klotz
 Institution: University of Connecticut Health Center, Farmington, CT
 Mentor: Dr. John Agar
- 11 Title: ***Prosthodontic rehabilitation of a patient following a motor vehicle accident***
 Presenter: Dr. Kian Ming Tan
 Institution: University of Maryland, Baltimore, MD
 Mentor: Dr. Carl Driscoll
- 12 Title: ***Readily-available materials for radiopaque surgical templates***
 Presenter: Dr. Mark R. Durham
 Institution: Louisiana State University, Metairie, LA
 Mentor: Dr. John Hochstedler
- 13 Title: ***Predicable implant placement with simply designed surgical template***
 Presenter: Dr. Sungtae Kim
 Institution: Clinical Assistant Professor AEGD, Yon Sei University, Seoul, Korea

- 14 Title: ***Visual measurement for tooth preparation regarding the convergence angle and reduction***
 Presenter 1: Dr. Cho, Seok-Hwan
 Presenter 2: Dr. Michael Ryan
 Institution: Baylor College of Dentistry, Dallas, TX
 Mentor: Dr. William Nagy
- 15 Title: ***Multidisciplinary full mouth rehabilitation on an ectodermal dysplasia patient***
 Presenter: Dr. Graciela Shimizu Oliva
 Institution: Indiana University, Indianapolis, IN
 Mentor: Dr. John Levon
- 16 Title: ***Application of Turner classification in patients with severely worn dentition***
 Presenter: Dr. Kellie Schaub
 Institution: Indiana University, Indianapolis, IN
 Mentor: Dr. John Levon
- 17 Title: ***Utilizing a digital spectrophotometer for an esthetic restoration of and severely damaged incisor***
 Presenter: Dr. Petropoulou Aikaterini
 Institution: Department of Prosthodontics, University of Athens, Greece
 Mentor: Dr. Chronopoulos Vasilios
- 18 Title: ***Immediate loading in edentulous mandible utilizing the existing complete denture: The pick up technique***
 Presenter: Dr. Tsoutis Konstantinos
 Institution: Department of Prosthodontics, University of Athens, Greece
 Mentor: Dr. Chronopoulos Vasilios
- 19 Title: ***Tooth color in the dental office***
 Presenter: Dr. Rakan Raaj
 Institution: University of New Jersey, NJ
 Mentor: Dr. Saul Weiner
- 21 Title: ***Dimensional accuracy of implant master cast made with type IV and mounting stone***
 Presenter: Dr. Foteini Pantzari
 Institution: University of Rochester, NY
 Mentor: Dr. Carlo Ercoli
- 22 Title: ***Optimizing pink porcelain esthetics in high lip line cases***
 Presenter: Dr. Harshit A Aggarwal
 Institution: University of New Jersey, NJ
 Mentor: Dr. Reena Varghese

- 23 Title: ***Restoration of implant created anterior aesthetics dilemma with all-ceramic milled prosthesis***
 Presenter: Dr. Maria Protopapadakii
 Institution: SUNY at Buffalo
 Mentor: Dr. Edward Monaco
- 24 Title: ***Interface analysis between increments during the condensation of composite restorations***
 Presenters: Dr. Dr Luis Giralte
 Dr. Ricardo Peniche
 Institution: Universidad Finis Terrae, Santiago de Chile,
 Dental School
 Mentor: Dr. Ed Calderon
- 25 Title: ***Screw fatigue during laboratory fabrication of a screw retained implant crown***
 Presenter: Dr. Sandra Carvalho
 Institution: Nova Southeastern University College of Dental
 Medicine
 Mentor: Dr. Rafael G. Castellon
- 26 Title: ***Effect of delayeing time between packing and processing heat-polymerized denture acrylic resin***
 Presenter: Dr. Taidy Costoya
 Institution: Nova Southeastern University College of Dental
 Medicine
 Mentor: Dr. Rafael G. Castellon
- 27 Title: ***Compararision of shade selection using a spectrophotometer and shade returned by laboratory***
 Presenter: Dr. Gabriela Bozzuti
 Institution: Nova Southeastern University College of Dental
 Medicine
 Mentor: Dr. Rafael G. Castellon

**TYLMAN AWARD
2ND PLACE**

- 28 Title: ***The effect of Y-TZP surface treatments on flexural strength and resin shear bond strength to human dentin***
 Presenter: Dr. Dana Qebrawi
 Institution: State University of New York at Buffalo, Buffalo, NY
 Mentor: Dr. Edward Monaco

TYLMAN AWARD 3RD PLACE

- 29 Title: ***A three dimensional analysis measuring the accuracy of computer guided flapless implant placement***
 Presenter: Dr. Steven W. Park
 Institution: Columbia University, New York, NY
 Mentor: Dr. Kunal Lal

Failures - The Road Less Travelled

| | |
|---------------|---|
| 7:00AM | Registration, 7th Floor Foyer Continental Breakfast in Exhibit Hall, Salon III |
| 8:00AM | WELCOME Dr. John Agar, President INTRODUCTORY COMMENTS Dr. Carl Driscoll, Program Chairman |
| 8:15-9:15AM | Dr. Frank Spear, <i>Failures in Clinical Practice, A Reality of Life</i> |
| 9:15-10:00AM | Dr. Arnold Weisgold, <i>Esthetic and Gingival Considerations for the Anterior Implant Restoration</i> |
| 10:00-10:30AM | REFRESHMENT BREAK IN THE EXHIBITS HALL* (ALL MEMBERS, GUESTS AND STUDENTS INVITED) |
| 10:30-11:15AM | Dr. Hal Crossley, <i>The Top Twenty Most Prescribed Medications</i> |
| 11:15-12:00PM | Dr. Robert Ord, <i>Clinical Diversity of Oral Cancer</i> |
| 12:00-1:30PM | ANNUAL MEMBER - GUEST LUNCHEON (5TH FLOOR CHICAGO BALLROOM, ALL MEMBERS, GUESTS AND STUDENTS INVITED) |
| 1:30-2:15PM | Dr. Charles Goodacre, <i>Tooth Retention through Root Canal Treatment or Tooth Replacement Using Implants. Which One is Best?</i> |
| 2:15-3:00PM | Dr. Syngcuk Kim, <i>Microscope and Apical Surgery: Less Travelled but the Predictable Path</i> |
| 3:00-3:30PM | REFRESHMENT BREAK IN EXHIBITS HALL* (ALL MEMBERS, GUESTS & STUDENTS INVITED) |
| 3:30-4:15PM | Dr. Gordon Christensen, <i>Has Porcelain-Fused-to-Metal Been Replaced?</i> |
| 4:15-5:00PM | Dr. Jeffrey Okeson, <i>Pain Referral: The Most Common Reason for TMD Failure</i> |
| 5:00 PM | Dr. Carl Driscoll, <i>Closing Remarks</i> |
| 5:15PM | ANNUAL MEMBER-GUEST COCKTAIL RECEPTION* |

*ALL FOOD AND REFRESHMENTS WILL BE SERVED IN THE 7TH FLOOR EXHIBIT HALL

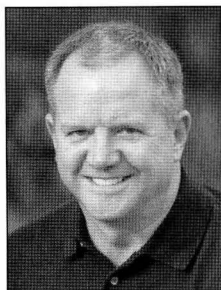
Failures - The Road Less Travelled

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|---------------|---|
| 7:00AM | Registration, 7th Floor Foyer, Salon III Continental Breakfast in Exhibit Hall |
| 8:00-9:00AM | Dr. Vincent Prestipino, <i>Immediate Load of Dental Implants - Scientific and Clinical Background for Success and Problem Solving</i> |
| 9:00-10:00AM | Dr. Lyndon Cooper, <i>Contemporary Regenerative Strategies for Prosthodontists</i> |
| 10:00-10:15AM | Dr. Islam Khasawneh First Place Tylman Award Recipient, <i>The Effect of Expansion Characteristics of Various Die Stones on the Marginal and Internal Cement Space of the Procera All-Ceramic System</i> |
| 10:15-10:45AM | REFRESHMENT BREAK IN THE EXHIBITS HALL* (ALL MEMBERS, GUESTS AND STUDENTS INVITED) |
| 10:45-11:30AM | Dr. John Beumer, <i>Evolution of Implant Tissue Bar Design - Maxillectomy Defects</i> |
| 11:30-12:15PM | Dr. Thomas Taylor, <i>Occlusal Factors in Implant Success and Failure</i> |
| 12:15-1:45PM | 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) |
| 1:45-2:30PM | Dr. Kenneth Malament, <i>Integration of Esthetic Dentistry and Simple and Complex Modern Prosthodontics</i> |
| 2:30-3:15PM | Dr. Van Thompson, <i>All-ceramic Failure Modes; Clinical and Laboratory Agreement!</i> |
| 3:15-4:00PM | Dr. Howard Strassler, <i>Porcelain Veneers: Improving Survival Based Upon Long Term Clinical Results</i> |
| 4:00PM | CLOSING REMARKS, President Dr. John Agar Program Chairman: Dr. Carl Driscoll |

*EXHIBITS WILL BE OPEN CONTINUOUSLY FROM 7:00AM TO 2:00 PM

**REFRESHMENTS WILL BE SERVED IN THE 7TH FLOOR EXHIBIT HALL

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



FRANK SPEAR, DDS MSD

Failures in Clinical Practice, A Reality of Life

Synopsis:

Every clinician is going to experience failure in their practice, and the longer one practices, the more failures the practitioner may see. Some failures are well accepted by both the practitioner and patient and others are not. This relates to what the expectations of the treatment outcome were at the time the treatment was performed.

This presentation will discuss the relationship between the expectations of treatment and three specific types of failure.

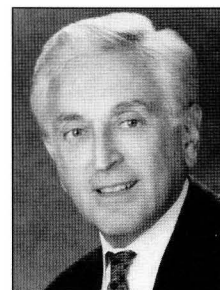
1. Failure of the restorative material. When the material used to fabricate the restoration doesn't meet the expectations of the clinician and or patient.
2. Failure of judgment. Most often a treatment planning failure leading to an unsatisfactory clinical outcome or actual clinical failure.
3. Failure of perception. The most difficult situation because there may be no clinical failure of any kind, but the patient may perceive the treatment as a failure.

For each of these three areas material will be presented on managing the patient's expectations before treatment, as well as options for managing the patient relationship if failure does occur. And finally material will be presented on how to recognize the patients at greatest risk for each type of failure.

Curriculum Vitae:

As the founder and Director of the Spear Institute for Advanced Dental Education, Dr. Spear continues to be recognized as one of the premier educators in esthetic and restorative dentistry in the world today. He received his DDS degree from the University of Washington School of Dentistry in 1979 and a MSD in periodontal prosthodontics in 1982, also from the University of Washington. Dr. Spear is an Affiliate Professor in the graduate prosthodontics program at the University of Washington and maintains a private practice in Seattle, limited to esthetics and fixed prosthodontics. Among the many honors Dr. Spear has received, the most recent includes the Christensen Award for Excellence in Restorative Education from the Chicago Dental Society in 1993. In 1995, the American Academy of Cosmetic Dentistry presented him with a special recognition award for having advanced the art and science of cosmetic dentistry in the United States. In December 1996, Dr. Spear became the third recipient, after Dr. Morton Amsterdam and Dr. Walter Cohen, of the Saul Schluger Memorial Award for Excellence in Diagnosis and Treatment Planning from the Seattle Study Clubs. In 2003, together, he and Dr. Vince Kokich received the first ever President's Award from the American Academy of Esthetic Dentistry for Excellence in Dental Education. Dr. Spear was named The Distinguished Alumnus of the Year of 2004 from his undergraduate college, Pacific Lutheran University, for his contributions to dental education.

Dr. Spear's memberships include the American Academy of Esthetic Dentistry, the American Academy of Restorative Dentistry, the American College of Prosthodontics, the Pierre Fauchard Academy, and the International College of Dentists. Dr. Spear is a Past President of the American Academy of Esthetic Dentistry.



ARNOLD WEISGOLD, DDS FACD

Esthetic and Gingival Considerations for the Anterior Implant Restoration

Synopsis:

This presentation will deal with the unique features that impact on the esthetic and gingival management of the anterior implant restoration.

In many respects the periodontal biotype is as much a factor in a successful outcome as the actual fixture position. Sulcular form, ridge morphology, embrasure considerations as well as the mesio-distal, facio-lingual and apical positioning of the fixture will be addressed. In this context, implant to implant, implant to natural tooth and implant to pontic will be analyzed.

The esthetic requirements of anterior restorations will be dealt with in depth. Included will be smile analysis, the unique esthetic demands of the mandibular anterior teeth, elevations, depressions, rotations and patient vs. dentist perceptions and expectations.

The controversy over whether to retain a tooth with endodontic therapy vs. extracting it and replacing it with an implant will be analyzed. Suggestions for each approach based upon bone quality and quantity, periodontal biotype and prosthetic requirements will be proposed.

Curriculum Vitae:

Arnold Weisgold received his dental degree from Temple University School of Dentistry in 1961. After graduation he served as a Captain in the U.S. Army Dental Corps for two years.

In 1963, he matriculated at the University of Pennsylvania Graduate School of Medicine where he studied Periodontology and Prosthodontics, successfully receiving certificates in both Periodontics and Fixed Prosthodontics.

In 1965, he was named the first Coordinator of Occlusion at Temple University where he developed a four year program in this discipline. He returned to the University of Pennsylvania in 1967 where he established the Department of Form and Function of the Masticatory System, the first of its kind in the world. In 1973, he became the Director of Postdoctoral Periodontal Prosthesis and served in this capacity until 2006. From 1984 until 1987 he was the Associate Dean for Clinical Sciences and was the first Director of the Implant Research Center (1990-1996). He is presently Adjunct Professor of Periodontics.

Dr. Weisgold has faculty appointments at New York University School of Dentistry, Tufts University School of Dental Medicine, Nova Southeastern University School of Dental Medicine and Kaohsiung Medical College School of Dentistry (Taiwan). He has also had affiliations with the U.S. Army and Naval Dental Corps, the Veterans Administration, Albert Einstein Medical Center and the Medical College of Pennsylvania.

He has served on the Council on National Board Examinations and is a Consulting Editor for the Compendium of Continuing Education in Dentistry, the International Journal of Periodontics and Restorative Dentistry and the Journal of Esthetic and Restorative Dentistry. He was the President of the Associate Section of the American Academy of Periodontology (1974-75) and the President of the Greater New York Academy of Prosthodontics (1989-1990). In 2006, he received the Saul Schluger Memorial Award for Clinical Excellence from the Seattle Study Club.



HAL CROSSLEY, DDS, PhD

The Top Twenty Most Prescribed Medication

Synopsis:

Are there dental medications that might interact adversely with the patient's physician-prescribed medications? This presentation includes the indications, contraindications, and side effects of the twenty most commonly prescribed medications your patients may be taking. Familiarity with these drugs provides the dental practitioner with a better appreciation for the health profile of today's dental patient.

Curriculum Vitae:

Harold L. Crossley, D.D.S., Ph.D. is Professor Emeritus at the University of Maryland Dental School. Dr. Crossley received a Bachelor of Science degree in Pharmacy from the University of Rhode Island in 1964, a Master of Science (1970) and Doctorate degree (1972) in Pharmacology. The University of Maryland Dental School in Baltimore awarded Dr. Crossley the D.D.S. degree in 1980.



ROBERT ORD, DDS, MD, FRCS, FACS, MS
Clinical Diversity and Oral Cancer

Synopsis:

Oral cancer is widely regarded as a disease of elderly white men, who smoke and abuse alcohol. There has been a paradigm shift in demographics of this disease in the last thirty years and we are now seeing an increase in women, patients under forty years old, and non-smokers/non-drinkers. This presentation will examine the causes of this change and their impact.

Curriculum Vitae:

Dr. Ord is Chairman of Oral and Maxillofacial Surgery at the University of Maryland. He restricts his practice to surgical oncology of the oral cavity. He has published two books, forty book chapters, and over one hundred peer reviewed papers. He has lectured all over the world. He is Oncology Section Editor for the IJOMS and is on the editorial board of OO, and JCMFS. His research interest is the molecular biology of oral cancer.

ANNUAL ACADEMY LUNCHEON

2009 STANLEY D. TYLMAN RESEARCH AWARDS*

Dr. Stan Vermilyea, Chair, Tylman Research Committee

FIRST PLACE AWARD

Dr. Islam Khasawaneh

University of Maryland College of Dentistry
Research Supervisor: Dr. Radi Masri
Program Director: Dr. Carl Driscoll

SECOND PLACE AWARD

Dr. Dana Qeblawi

State University of New York Dental School
Research Supervisor: Dr. Edward Monaco
Program Director: Dr. Edward Monaco

THIRD PLACE AWARD

Dr. Steven W. Park

Columbia University School of Dentistry
Research Supervisor: Dr. Kun Lal
Program Director: Dr. George S. White

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

Dr. Carmen Paez de Mendoza, Chair,
Claude R. Baker Teaching Award Committee

Dr. Nadim Baba

2009 RECIPIENT

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

Dr. Charles Goodacre, Chair, George H. Moulton Award Committee

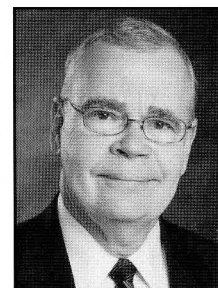
Dr. Steven Aquilino

2009 Recipient

PRESENTATION OF NEW AAFP MEMBERS

Dr. John Agar, President

WE WISH TO ACKNOWLEDGE THE GENEROUS SUPPORT OF THE FOLLOWING CORPORATE
SPONSOR FOR THE TYLMAN AWARD: THE EDITORIAL COUNCIL OF THE JOURNAL OF PROS-
THETIC DENTISTRY.



CHARLES GOODACRE, DDS MSD

Implant or Root Canal Treatment: Which One is Better?

Synopsis:

Description: This presentation will discuss the factors that determine whether root canal treatment should be performed to retain a mutilated tooth or whether the tooth should be extracted and replaced using a dental implant. A hierarchy of decision making will be presented based on the best available scientific evidence and clinical practice experience.

Objectives: Following this presentation, participants will be able to:

1. Identify the factors that should be considered when determining whether to perform root canal treatment or extract a tooth and replace it using a dental implant.
2. Compare the clinical survival rates of root canal treatment, dental implants.
3. Compare root canal treatment and dental implants based on complications or associated interventions, economics, and psychosocial factors.

Curriculum Vitae:

Dr. Goodacre received his DDS degree from Loma Linda University School of Dentistry in 1971. He completed a three year combined program in Prosthodontics and Dental Materials at Indiana University School of Dentistry and in 1974 earned his MSD degree. He began full-time teaching at Indiana University School of Dentistry in 1974 and has three times received awards from senior dental classes as the outstanding clinical instructor or outstanding lecturer. He is the recipient of The William J. Gies Award for Outstanding Innovation-Dental Educator in 2008 from The ADEAGies Foundation.



SYNGCUK KIM, DDS, PHD

Microscope and Apical Surgery: Less Travelled But the Predictable Path

Synopsis:

Today's apical surgery, now called "Endodontic Microsurgery" has little resemblance to the techniques and the materials of the past. In fact, this modern approach is fundamentally different in terms of instruments, materials, biological principles and most importantly the success rate.

The most important change is the utilization of a stereoscopic microscope for detailed visualization of canal anatomy and detection of anatomic deviations from the "norm".

The microsurgical method for teeth with failed endodontics is the only way to SAVE these teeth. Endodontic Microsurgery facilitates and supports the stated goal of clinical dentistry to preserve the natural teeth.

Curriculum Vitae:

| | |
|---|---------------|
| DDS Columbia Univ College of Dental Medicine | 1976 |
| Endo Certificate " " | 1978 |
| PhD (Physiology) Columbia Univ Medical School | 1981 |
| Assistant/Associate Prof and Chair of Endodontic Department, Columbia University | 1981-1991 |
| Louis I Grossman Prof and Chair, Department of Endodontics, University of Pennsylvania, School of Dental Medicine | 1992- present |



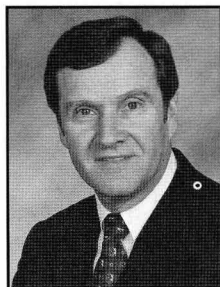
GORDON CHRISTENSEN DDS MSD PHD
Has Porcelain-Fused-to-Metal Been Replaced?

Synopsis:

This program is an in-depth analysis of the state of the art relative to success and failures observed with PFM vs zirconia based crowns and fixed partial dentures. The results of a major clinical study conducted by Dr. Rella P. Christensen will be demonstrated as well as several years of clinical observation of zirconia based crowns, FPD's and full mouth rehabilitations. Practical, easily implemented information will be presented.

Curriculum Vitae:

Dr. Gordon Christensen is Founder and Director of Practical Clinical Courses in Utah and Dean of the Scottsdale Center for Dentistry in Arizona. Dr. Christensen has presented over 45,000 hours of continuing education throughout the world and has published many articles and books. His degrees include DDS, University of Southern California; MSD, University of Washington; PhD, University of Denver; an Honorary Doctor of Science from Utah State University and an Honorary Doctor of Dental Education and research from Utah Valley State University. Dr Christensen is a Diplomate of the American Board of Prosthodontics, a Fellow and Diplomate in the International Congress of Oral Implantologists, a Fellow in the Academy of Osseointegration, American College of Dentists, International College of Dentists, American College of Prosthodontists, Academy of General Dentistry (Hon), Royal College of Surgeons of England, and an Associate Fellow in the American Academy of Implant Dentistry.



JEFFREY OKESON, DMD

Pain Referral: The Most Common Reason For TMD Failure

Synopsis:

Our understanding of temporomandibular disorders has greatly expanded in recent years. Although our knowledge is still not complete, we are now able to manage our patient's pain problems far better than ever before. It is the primary responsibility of the clinician to be able to identify those patients who may benefit from dental therapies from those who will not. This presentation will focus on the difficult task of differentially diagnosing orofacial pain and will include discussion of the most common reasons why we fail.

Curriculum Vitae:

Dr. Okeson is Professor, Chairman of the Department of Oral Health Science at the University of Kentucky and Director of the College's Orofacial Pain Center, which he established in 1977. He has authored three textbooks on TM disorders and orofacial pain and published more than 200 articles and chapters. He has presented more than 700 invited lectures on the subject of TMD and orofacial pain in 48 states and in 42 foreign countries.



VINCENT PRESTIPINO, DDS

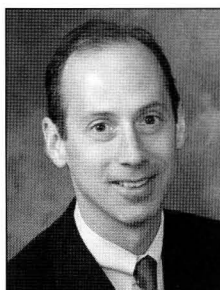
Immediate Load of Dental Implants - Scientific and Clinical Background for Success and Problem Solving

Synopsis:

Immediate load dental implant techniques have been well documented in the literature and can be a predictable and rewarding treatment option for the private practitioner and patient. These scientifically investigated procedures can be performed NOW in our private practices with complete coordination between the restorative and surgical practitioners. All we need is transformation towards learning a new skill to reach the goals of the practice and reach out to patients tuned into our core mission and objectives. Practical information for everyday clinical problems will be reviewed as related to the literature review and the current state of the implant armamentarium available to make this treatment option a reality today in our private practices.

Curriculum Vitae:

Dr. Vincent Prestipino received his dental degree in 1979 from the University of Maryland and completed his postgraduate education in Prosthodontics in 1988 at New York University. He maintains a private practice in Bethesda, MD providing prosthetic and implant dentistry. Dr. Prestipino holds memberships in the American College of Prosthodontists, the Greater New York Academy of Prosthodontics and is a fellow in the Academy of Osseointegration. He has lectured and published internationally and actively contributes to postgraduate education. His early involvement with esthetic implant dentistry has lead toward co-development of several implant components.



LYNDON COOPER, DDS PHD
Contemporary Regenerative Strategies for Prosthodontists

Synopsis:

This presentation will review the role of molecular and stem cell advances for the regenerative strategies we prosthodontists require for oral and maxillofacial rehabilitation. The principles of adult stem cell biology as related to bone regeneration will be reviewed. Laboratory and pre-clinical investigations of adult stem cell regeneration of bone will illustrate the potential of this technology for oral and maxillofacial bone repair. Additional consideration of molecular strategies for bone regeneration using available molecular tools (e.g., rhBMP-2) will be discussed. The role of the prosthodontist as a team member in planning and guiding these procedures will be reinforced.

Curriculum Vitae:

Dr. Cooper is currently the Chair and acting Graduate Program Director of the Department of Prosthodontics at the University of North Carolina. He serves as the President-elect of the American College of Prosthodontics and is a member of numerous other dental and scientific organizations. He maintains an NIH funded basic science laboratory and leads several industry-sponsored clinical trials. Dr. Cooper is also a Diplomate of the American Board of Prosthodontics and is an active participant in the UNC dental faculty practice.



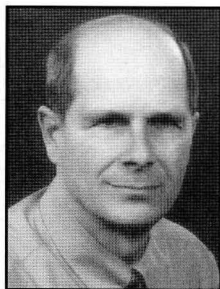
DR. ISLAM KHASAWNEH, DDS MS
First Place Winner: Tylman Research Award
The Effect of Expansion Characteristics of Various Die Stones on the Marginal and Internal Cement Space of the Procera All-Ceramic System

Synopsis:

Procera crowns have been observed to have a loose fit on the teeth during try-in, which may cause undesirable rotation and horizontal displacement of the crown. The purpose of this study was to evaluate the effect of expansion characteristics of various types of die stones on the marginal opening and internal cement space of Procera copings fabricated with alumina or zirconia, before and after porcelain firing.

Curriculum Vitae:

Dr. Khasawneh received his BDS degree in 2004 from Jordan University of Science and Technology. Then he attended the postgraduate Prosthodontics program at Baltimore College of Dental Surgery, University of Maryland. He received his Certificate in Prosthodontics and Master of Science Degree in 2008. Currently Dr. Khasawneh enjoys working in private practice in beautiful Austin, Texas.



JOHN BEUMER III, DDS MS

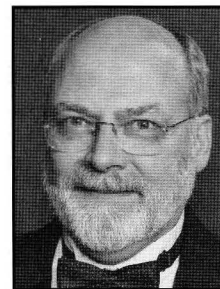
Evolution of Implant Tissue Bar Design - Maxillectomy Defects

Synopsis:

Numerous factors complicate the design of implant tissue bars and the distribution of occlusal and other forces in patients with maxillectomy and palatotomy defects. Fewer implant sites are available and most implants are arranged in a linear fashion, occlusal loads produce multiple axes of rotation, long lever arms magnify forces exerted in horizontal plane, and the quality of the defects can vary greatly. Early tissue bar designs resulted in rapid and severe bone loss around the implants. Davis et al (1995) developed a photoelastic model equivalent to a radical maxillectomy defect to determine the best retention bar attachment design when implant were positioned in the residual premaxilla. Her work plus clinical outcome data generated at UCLA will be presented.

Curriculum Vitae:

Dr. Beumer received his dental degree in 1967 from the University of California, San Francisco. He went on to complete postdoctoral training programs in Oral Medicine (1970 - UCSF) and Prosthodontics (1975 -UCLA). He has over 150 publications in the medical and dental literature including a book devoted to Maxillofacial Prosthetics and is the co-inventor of the UCLA abutment (with Wynn Hornberg CDT). Currently he is the Distinguished Professor and Chair of Advanced Prosthodontics, Biomaterials and Hospital Dentistry, and Director of the residency program of Maxillofacial Prosthetics, UCLA School of Dentistry.



THOMAS TAYLOR, DDS MSD
Occlusal Factors in Implant Success and Failure

Synopsis:

The biomechanical basis for implant component design has evolved dramatically since the early days of implant dentistry. Unfortunately, many of the assumptions dentists and dental implant manufacturers continue to work under are not based on scientific evidence and may, in fact, be erroneous. The long-term consequences of micromotion, wear and fatigue on internally connected implant designs need to be recognized and considered in clinical implant dentistry.

Curriculum Vitae:

Dr. Taylor is Professor and Head, Department of Reconstructive Sciences at the University of Connecticut School of Dental Medicine. He currently serves as Executive Director of, as well as being Past President of, the American Board of Prosthodontics. He is Past President of the American College of Prosthodontists and is currently President Elect of the International College of Prosthodontists. Dr. Taylor maintains a part-time practice limited to prosthodontics.



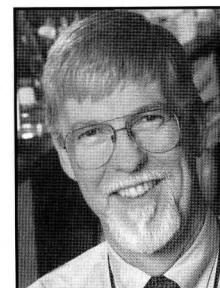
KENNETH MALAMENT, DDS MSD
**Integration of Esthetic Dentistry and Simple and
Complex Modern Prosthodontics**

Synopsis:

Dentistry that is esthetic to the patient is an important clinical objective. The knowledge within dental technology, dental science and dental practice has expanded dramatically, leading to better quality, artistry and more standards-based clinical applications. Understanding methods to manage simple and complex restorative issues is critical to improving patient acceptance and even long term ceramic success. Methods to integrate the efforts of technologists, to manage occlusion and to fulfill patient's desires can have a profound impact on the practice of dentistry.

Curriculum Vitae:

Dr. Malament received his D.D.S. from N.Y.U. College of Dentistry and specialty certificate and MScD from Boston University School of Graduate Dentistry. He has a full time practice limited to prosthodontics and is a Clinical Professor at Tufts University School of Dental Medicine. Dr. Malament is the President of the American Board of Prosthodontics and a Fellow of the American College of Prosthodontists, Academy of Prosthodontics, Greater New York Academy of Prosthodontics and Northeastern Gnathological Society. He is a member of the American Academy of Fixed Prosthodontics and a Moulton Award recipient.



VAN THOMPSON, DDS PHD

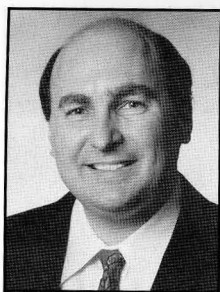
**All-ceramic Failure Modes; Clinical and Laboratory
Agreement!**

Synopsis:

Twelve years of study by an NIH supported research team has resulted in an understanding of the fatigue damage modes operational in dental ceramics. Flat layer studies have been extended to sliding contacts and the complex geometry of crowns and bridges. Porcelain veneered alumina and zirconia have been investigated with mouth motion fatigue instrumentation. The failure modes observed duplicated those seen clinically with large porcelain chips evident on zirconia and superficial cracking on alumina cores or complete fracture of the porcelain-alumina system. Results of studies seeking to improve veneering reliability on zirconia will be presented.

Curriculum Vitae:

Dr. Van Thompson is currently Chair of Biometrics at New York University College of Dentistry. He is known for work on adhesion and bonded bridges at the University of Maryland. He has published many articles and made numerous presentations on dental materials in the U.S. and internationally. His current research includes occlusal hidden caries, new ceramics for layer crowns, CAD/CAM machining effects on ceramics, polymer burs for selective dentin removal, tissue engineering for alveolar ridge augmentation and practice based research.



HOWARD STRASSLER DMD

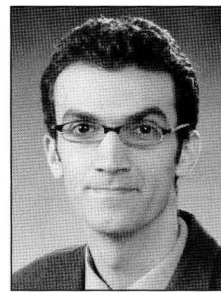
Porcelain Veneers: Improving Survivability Based Upon Long Term Clinical Results

Synopsis:

Porcelain veneers have been a viable treatment modality to restore teeth in the esthetic zone for more than 25 years. This presentation will present an overview of treatment planning, materials and techniques that contribute to improved porcelain veneer survivability based upon long term clinical results.

Curriculum Vitae:

Professor and Director of Operative Dentistry, Department of Endodontics, Prosthodontics and Operative Dentistry, University of Maryland Dental School, Baltimore, Maryland. Consultant and clinical evaluator to over 15 dental manufacturers. Editorial board and reviewer for more than 6 journals and dental publications; Associate Editor of Functional Esthetics and Restorative Practice.



RADI MASRI, DDS, PHD

Title of the presentation: The basis of altered proprioception in patients with jaw muscle pain

Synopsis:

The majority of patients with Temporomandibular Joint Dysfunction (TMJD) present with pain in the muscles of mastication. This pain is typically associated with altered proprioception, reduced chewing efficiency and poorly coordinated mandibular movements, therefore affecting our ability to perform routine dental treatment. In this lecture, a rodent model of experimental muscle pain is used to examine the underlying mechanisms of muscle pain and altered proprioception and a theory is proposed to explain the symptoms seen in patients with TMJD.

Curriculum Vitae:

Dr. Masri received his dental degree from the University of Jordan Dental School in 1997. He completed his prosthodontic residency at the University of Maryland, College of Dental Surgery in 2001 and completed a PhD in Biomedical Sciences/ Neuroscience. Dr. Masri is a fellow of the American College of Prosthodontists and a member of the American Academy of Fixed Prosthodontics. Dr. Masri overseas a research laboratory that focuses on neurological mechanisms of chronic pain with special emphasis on pain conditions that affect the head and neck musculoskeletal system. Dr. Masri maintains a practice oriented towards restorative and prosthetic dentistry. He currently serves as an Assistant Professor at both the University of Maryland College of Dental Surgery and the School of Medicine. His research interests include: orofacial muscle pain, central pain, overdenture attachments and dental implants.