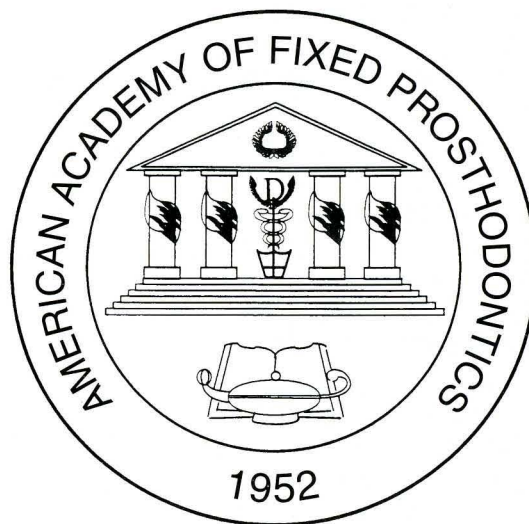


**THE AMERICAN ACADEMY  
OF FIXED  
PROSTHODONTICS**

**GOLDEN ANNIVERSARY  
FIFTY YEARS OF EXCELLENCE**



**FIFTIETH ANNUAL  
SCIENTIFIC SESSION**

**PROGRAM THEME**

***"A COMMITMENT TO EXCELLENCE IN THE  
MANAGEMENT OF THE NATURAL AND  
RESTORED DENTITION"***

**FRIDAY, FEBRUARY 23, 2001  
SATURDAY, FEBRUARY 24, 2001**

**CHICAGO MARRIOTT HOTEL  
DOWNTOWN  
CHICAGO, ILLINOIS**

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## PROJECTED TENTATIVE MEETING DATES

2001 = February 23-24  
2002 = February 22-23  
2003 = February 28 - March 1  
2004 = February 20-21  
2005 = February 25-26

## 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 578 active, honorary, and life members in 21 different countries.

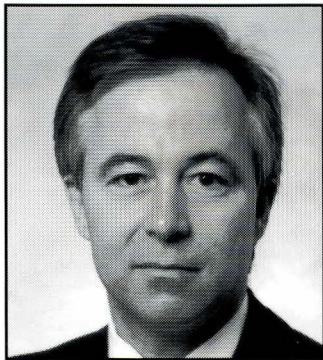
Members of today have a proud heritage in the Academy. We continue to dedicate ourselves to the pursuit of knowledge, truth, and competency in research, in teaching, and in the clinical practice of crown and bridge prosthodontics.

Authored by:  
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 N. 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
* Deceased	





### **PRESIDENT'S MESSAGE**

**STEPHEN D. CAMPBELL, DDS, MMSc.**  
2000-2001

Great pride accompanies the opportunity to welcome you to the 50th Annual Scientific Session Program and Celebration of the American Academy of Fixed Prosthodontics. Our Golden Anniversary gives us time for pause and reflection on the rich tradition of excellence the Academy has established. Our mission of promoting excellence in fixed prosthodontic patient care, teaching, and research, also provides for the educational enrichment of those with a commitment to fixed prosthodontics. Fellowship is an important aspect of the Academy, and as such, the annual scientific meeting is our primary activity.

I want to recognize the efforts of Program Co-Chairs, Dr. Ken Malament and Dr. Harold Litvak. They have assembled a superb group of speakers from all over the world. Their willingness to serve the Academy in this important role ensures another spectacular Program. It is our hope that you will be enriched by the experience.

There will be a number of changes associated with this year's Friday evening reception and celebration. The gathering will include more elaborate food (dinner), an orchestra, and will extend into the night. We will not need to vacate the ballroom as in prior years, so we hope you have invited your significant other to participate in the festivities and celebration. We want to thank the five major sponsors for their generous support of the celebration. They are: Ivoclar, Nobel Biocare, Straumann USA, 3i Implant Innovations, and Teledyne Waterpik Technologies.

Dr. John Agar has assembled an excellent Table Clinic Program that will be presented at noon on Saturday. The Academy will provide a light buffet style lunch and we hope you will stay and enjoy the table clinics and the exhibitors.

I want to thank all the individuals who give so willingly to the Academy. We hope that you will find this both personally and professionally enriching. Please let us know if we can do anything to make your visit with us more comfortable. Thank you for joining us.

## **OFFICERS AND DIRECTORS 2000-2001 AMERICAN ACADEMY OF FIXED PROSTHODONTICS**

**President:** Stephen D. Campbell, UIC School of Dentistry  
801 S. Paulina St. • Chicago, IL 60612  
Home: (630) 655-4637 • Office: (312) 996-2669 • Fax: (312) 996-3535

**President-Elect:** Richard R. Cavanaugh  
800 Airport Blvd. • Doylestown, PA 18901-1000  
Home: (215) 348-8408 • Office: (215) 345-1155 • Fax: (215) 345-9090

**Vice-President:** John T. Goodman  
1022 W. Mitchell • Arlington, TX 76013-2543  
Home: (817) 265-9109 • Office: (817) 265-1051 • Fax: (817) 274-0202

**Immediate Past President:** Davis A. Garlapo  
28 October Lane • Amherst, NY 14228  
Home: (716) 691-5437 • Office: (716) 829-2862 • Fax: (716) 829-2440

**Secretary:** Robert S. Staffanou  
1930 Sea Way, PO Box 1409 • Bodega Bay, CA 94923-1409  
Home: (707) 875-3040 • Office: (800) 785-9188 access #99  
Fax: (707) 875-2927

**Treasurer:** Don G. Garver  
216 John Pott Drive • Williamsburg, VA 23188-6427  
Home: (757) 258-4525 • Office: (800) 880-5184 • Fax: (757) 258-4526

**Directors:** Wayne V. Campagni - 2001  
Dept. of Restorative Dent. • Loma Linda University School of Dentistry  
Loma Linda, CA 92350  
Home: (909) 946-8997 • Office: (909) 824-4683 • Fax: (909) 824-4211

Peter S. Lund - 2001,  
333 S. 7th Street • Minneapolis, MN 55402  
Home: (651) 714-1655 • Office: (612) 338-8638 • Fax: (612) 338-8639

William W. Nagy - 2001  
6375 North Lake Drive • Whitefish Bay, WI  
Home: (414) 963-4153 • Office: (414) 288-6578 • Fax: (414) 288-6516

David A. Garber - 2002  
1218 W. Paces Ferry Rd. NW • Atlanta, GA 30327-2308  
Home: (404) 843-8096 • Office: (404) 261-4941 • Fax: (404) 261-4946

H. Philip Pierpont - 2002  
5402 April Run Court • Sugar Land, TX 77479-4145  
Home: (281) 980-5308 • Office: (713) 500-4151 • Fax: (713) 500-4425

Jane D. Brewer - 2003  
6435 Webster Road, Ste. G • Orchard Park, NY 12883-1407  
Home: (716) 652-41238 • Office: (716) 662-7229 • Fax: (716) 662-7263

Stephen F. Rosenstiel - 2003  
The Ohio State University College of Dentistry  
305 West 12th Avenue • Columbus, Ohio 43210-1267  
Home: (614) 761-1927 • Office: (614) 292-0941 • Fax: (614) 292-9422



## STANDING COMMITTEES 2000-2001

### CREDENTIALS COMMITTEE

Robert Wright '02, Chairman  
Dennis Weir '03, Secretary  
Roger Harper '01  
Marshall Hoffer '02  
Marilyn Aden '02  
Susan Brackett '03  
Gary Alexander '03

### EDITOR

William Malone

### PROGRAM COMMITTEE

Ken Malament '01, Co-Chairman  
Harold Litvak '01, Co-Chairman  
Charles Goodacre, Ex Officio  
Kent Knoernschild, Ex Officio  
David Garber '02  
James Bell '03  
John Agar, Ex Officio

### LOCAL ARRANGEMENT COMMITTEE

Tarek AbdelHalim '02 Chairman '00  
Myron Winer '02  
Alexander Chan '01  
Kevin Kipp '03  
Manal Ibrahim '03  
Daniel Mackey '03

### GEORGE MOULTON AWARD COMMITTEE

Frank Panno, Chairman '01  
Jesse Bullard '02  
Gerald Ziebert '02  
Richard Wilson '03  
Denny Smith '03

### FUTURE PLANNING AND POLICY COMMITTEE

William Nagy, Chairman '01  
Rush Peace '01  
Davis Garlapo '01  
Mark Mathews '02  
Ned Van Roekel '02  
Richard Wilson '02  
Carl Andres '04

### EXHIBITS COMMITTEE

Jack Lipkin, Chairman '03  
Robert Seckinger '01  
Gary Alexander '03

### TYLMAN RESEARCH COMMITTEE

Kent Knoernschild, Chairman '04  
David Kaiser '01  
George Kay '01  
Donald Gratton '02  
Jack Lipkin '03  
Duane Douglas '04

### NOMINATING COMMITTEE

Davis Garlapo, Chairman '03  
Denny Smith '02  
Richard Wilson '01

### HISTORICAL COMMITTEE

David Seitlin, Chairman '05  
Peter Neff '02

### BYLAWS COMMITTEE

Martin Land, Chairman '01  
Ronald Woody '01  
Gerald Santulli '02  
Dean Morton '03  
Trudy Burke '04

### BUDGET AND FINANCE COMMITTEE

Philip Pierpont, Chairman '03  
Richard Cavanaugh, Ex Officio '01  
Don Garver, Ex Officio  
John Goodman, Ex Officio  
John Harrison '01  
Jonathan Ferencz '03

### PUBLICITY & COMMUNICATIONS COMMITTEE

Michael Myers, Chairman & NL Editor '03  
John Agar '01 - Photographer  
Dennis Weir '01  
Jeffrey Hudgins '01  
Steven Nelson '04

### ETHICS COMMITTEE

John Goodman, Chair '02  
James Harrison '01  
Richard Hesby '03

### TABLE CLINICS COMMITTEE

John Agar, Chairman '01  
Faheem Rasool '01  
Tarek AbdelHalim '01  
Hiroshi Hirayama '01  
Kenneth Malament, Ex Officio

## RESEARCH IN FIXED PROSTHODONTICS COMMITTEE

Committee Co-Chairmen:

(A) David Burns '02

(B) Steven Aquilino '01

### Committee A:

David Burns, Chairman '02  
David Beck '02  
Steven Nelson '02  
Bill Malone, Ex Officio

### Committee B:

Steven Aquilino '01  
Peter Lund '01  
Nancy Chaffee '01  
Bill Malone, Ex Officio

## AD HOC COMMITTEES 2000-2001

### AD HOC FORUM MONITORING COMMITTEE

Richard Hesby, Chairman '03  
Nancy Chaffee '03  
John Harrison '03

### AD HOC COMMITTEE FOR LABORATORY RELATIONS

Davis Garlapo, Chairman

### AD HOC COMMITTEE FOR INFORMATION TECHNOLOGY

Peter Lund, Chairman  
William Nagy  
Martin Land  
Richard Cavanaugh

### AD HOC COMMITTEE FOR UNDERGRADUATE FACULTY AWARD IN FIXED PROSTHODONTICS

Russell Williamson, Chairman '00  
Jane Brewer '01  
Marion Edge '01  
Alexander Chan '01  
James Bell '01

## STANDING PRESIDENTIAL APPOINTMENTS 2000-2001

### PARLIAMENTARIANS

Martin Land, Chairman  
William Finagin

### SECRETARY FOR GUESTS

Don Garver

### MEETING SITE DIRECTOR

Don Garver

### CHAPLAINS

Earl Stover  
David Seitlin  
Robert Lorey

### ACP PROSTHODONTIC FORUM REPRESENTATIVES

Richard Hesby, Chairman '01  
Richard Cavanaugh '01

### COUNCIL FOR THE AFFAIRS OF THE AMERICAN BOARD OF PROSTHODONTICS

Kent Knoernschild

### AD INTERIM COMMITTEE

Stephen Campbell, Chairman '01  
Davis Garlapo '01  
William Nagy '01

## PAST TYLMAN AWARD WINNERS \*

(DATE IS YEAR AWARDED-AWARD WON YEAR PREVIOUSLY)

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

## PAST MOULTON AWARD WINNERS

1992:	George H. Moulton
1993:	Ernest B. Nuttall Max Kornfeld
1994:	Robert J. Nelson
1995:	Everitt V. Payne (posthumously)
1996:	Samuel E. Guyer
1997:	Roland W. Dykema
1998:	Herbert T. Shillingburg, Jr.
1999:	Not Awarded
2000:	Lloyd L. Miller

## OFFICERS

President .....	Stephen D. Campbell
President-Elect .....	Richard R. Cavanaugh
Immediate Past President .....	Davis A. Garlapo
Vice-President .....	John T. Goodman
Secretary .....	Robert S. Staffanou
Treasurer .....	Don G. Garver

## BOARD OF DIRECTORS

Wayne V. Campagni .....	2001
Peter S. Lund .....	2001
William W. Nagy .....	2001
David A. Garber .....	2002
H. Philip Pierpont .....	2002
Stephen F. Rosenstiel .....	2003
Jane D. Brewer .....	2003

## STANDING COMMITTEE CHAIRMEN

Credentials Committee .....	Robert Wright '02
Program Committee .....	Harold Litvak '01 Kenneth Malament'00
Budget & Finance Committee .....	Philip Pierpont '03
Tylman Research Committee .....	Kent Knoernschild '04
Local Arrangements Committee .....	Tarek AbelHalim '02
Future Planning & Policy Committee .....	William Nagy '01
Exhibits Committee .....	Jack Lipkin '03
Nominating Committee .....	Davis Garlapo '03
Editor .....	William Malone
Bylaws Committee .....	Martin Land '01
George H. Moulton Award Committee .....	Francis Panno '01
Historical Committee .....	David Seitlin '05
Publicity & Communications Committee .....	Michael Myers '03
Newsletter Editor .....	Michael Myers '03
Ethics Committee .....	John Goodman '02
Research in Fixed Prosthodontics	
Committee A .....	David Burns '02
Committee B .....	Steven Aquilino '01

## AD HOC COMMITTEE CHAIRMEN

### Ad Hoc Forum Monitoring Committee

Richard Hesby, Chairman

### Ad Hoc Committee for Laboratory Relations

Davis Garlapo, Chairman

### Ad Hoc Committee for Information Technology

Peter Lund, Chairman

### Ad Hoc Committee for Undergraduate Faculty Award

Russell Williamson, Chairman



**ANNUAL MEMBERSHIP DINNER AND BUSINESS MEETING  
THURSDAY, FEBRUARY 22, 2001**

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

6:00PM-7:00PM *Early Registration for Guests*  
7th Floor Registration Booth

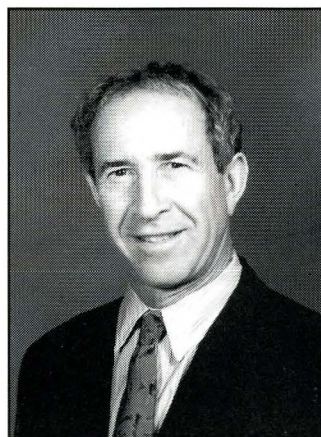
6:00PM-7:00PM *Cocktail Reception*  
5th Floor Foyer  
**Members Only Please!**

7:00PM *Annual Membership Dinner*  
5th Floor Foyer, Salons A,B,C,D  
**Members Only Please!**

8:00PM *Annual Business Meeting*  
5th Floor Foyer, Salons A,B,C,D  
President's Message  
Committee Reports  
Old Business  
New Business  
Election of Officers  
Town Hall Meeting  
**Members Only Please!**

9:00PM **Adjourn**

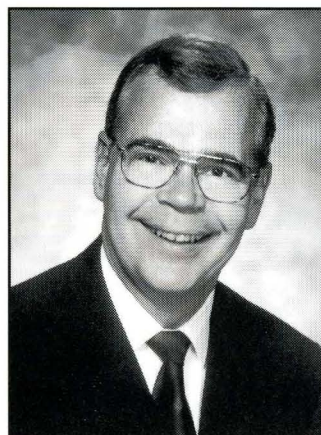
**PROGRAM CHAIRMEN**



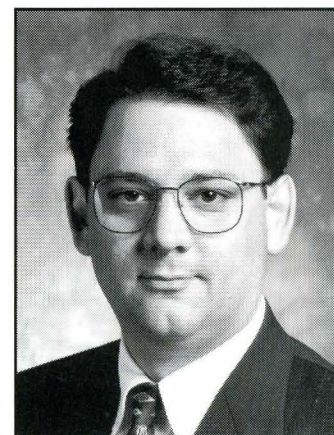
Harold Litvak  
Co-Program Chairman 2001



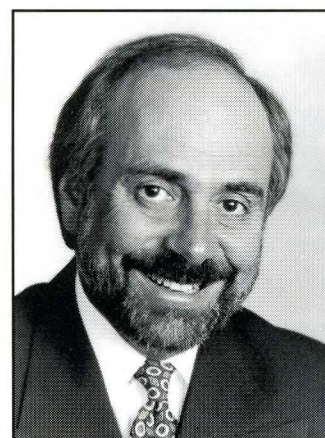
Kenneth Malament  
Co-Program Chairman 2001



Charles Goodacre  
Ex Officio



Kent Kneornschild  
Ex Officio



David Garber  
Program Chairman 2002

## EXHIBIT DIRECTORY

BOOTH  
NUMBER

EXHIBITOR NAME

- 1 ..... J. F. JELENKO & COMPANY
- 2 ..... 3I-IMPLANT INNOVATIONS INC.
- 3 ..... VIDENT
- 4 ..... METALIFT CLASSIC PRACTICE RESOURCES
- 5 ..... BISCO DENTAL PRODUCTS
- 6 ..... PANADENT CORPORATION
- 7 ..... TEKSCAN, INC.
- 8 ..... LIFECORE BIOMEDICAL, INC.
- 9 ..... TEL-A-PATIENT
- 10 ..... ARGENT PRECIOUS METALS, INC.
- 11 ..... THE STRAUMANN COMPANY
- 12 ..... FRIADENT NORTH AMERICA
- 13 ..... ULTRADENT PRODUCTS INC.
- 14 ..... WHIP MIX CORPORATION
- 15 ..... PREAT CORPORATION
- 16 ..... ORASCOPTIC RESEARCH INC.
- 17 ..... GREAT LAKES ORTHODONTICS
- 18 ..... PARAGON IMPLANT CO.
- 19 ..... KAVO AMERICA CORPORATION
- 20 ..... QUINTESSENCE PUBLISHING CO. INC.
- 21 ..... QUINTESSENCE PUBLISHING CO. INC.
- 22 ..... NOBEL BIO CARE USA, INC.
- 23 ..... NOBEL BIO CARE USA, INC.
- 24 ..... STERN GOLD
- 25 ..... IVOCLAR NORTH AMERICA, INC.
- 26 ..... STERN GOLD
- 27 ..... METALOR DENTAL USA
- 28 ..... CONDYLATOR SERVICE
- 29 ..... VAN R/CADCO/CLIVE CRAIG
- 30 ..... TELEDYNE WATER PIK
- 31 ..... COLUMBIA SCIENTIFIC, INC.
- 32 ..... BRASSELER USA

## TABLE CLINIC PROGRAM FIFTH FLOOR BALLROOM

12:00PM - 1:30PM

EXHIBITS OPEN - FOOD AVAILABLE BOTH AREAS

TABLE CLINIC CHAIRMAN - DR. JOHN AGAR

1. "CAD-CAM ALUMINUM OXIDE ABUTMENTS"  
DR. AMAL ABUALSAMH, ANN ARBOR, MI
2. "FIBER REINFORCED COMPOSITE IMPLANT SUPPORTED PROSTHESES"  
DR. E. KARINA ALARCON, FARMINGTON, CT
3. "SOLVING CLASS II RELATIONSHIP CASES WITH FIXED PROSTHODONTICS"  
DR. ALBERTO AMBARD, BIRMINGHAM, AL
4. "ORAL REHABILITATION OF A PATIENT WITH AMELOGENESIS IMPERFECTA"  
DR. REVA BAREWAL, SAN ANTONIO, TX
5. "THE RESTORATION OF ENDODONTICALLY TREATED SINGLE ROOTED TEETH WITH DIFFERENT CORONAL DEFECTS"  
DR. FRANK BUTZ, FRIEBURG, GERMANY  
DR. JEORG R. STRUB, FRIEBURG, GERMANY
6. "COMMUNICATION OF PORCELAIN CUSTOMIZATION USING A SHADE TAB MODIFIER"  
DR. ANNE GUNDERMAN, SAN ANTONIO, TX
7. "RESTORATION OF CONGENITALLY MISSING LATERAL INCISORS: A CASE REPORT ON FIBREKOR"  
DR. DAVID HAHN, CLIFFSIDE PARK, NJ  
DR. ALBERT EHRHARDT, CLIFFSIDE PARK, NJ
8. "DOES THE NEW VITPAN 3D-MASTER SHADE GUIDE IMPROVE INTRARATER REPEATABILITY IN SHADE SELECTION?"  
DR. IHAB HAMMAD, ALEXANDRIA, EGYPT
9. "COMPUTERIZED PATIENT DATABASE: ADVANTAGES OF DIGITAL TREATMENT PLANNING"  
DR. JORGE HARVAS, COLUMBUS, OH
10. "PRERESTORATIVE MINOR TOOTH MOVEMENT USING ORTHODONTIC SEPARATORS"  
DR. STEPHEN KEESEE  
DR. THOMAS B. LEFLER, FT. GORDON, GA
11. "POLYMER GLASS VENEERING OF SELECTED CAST RESTORATIONS"  
DR. KENNETH KURTZ
12. "VARIOUS CLINICIAN APPLICATIONS OF TRANSITIONAL IMPLANTS"  
DR. ANIKA LEVI, FARMINGTON, CT  
DR. GREGORY LIBBY
13. "TREATMENT OF SEVERLY DISCOLORED TEETH WITH BLEACHING AND VENEERS"  
DR. PENWADEE LIMKANDWALMONGKOL, COLUMBUS, OH
14. "A CAD-CAM ABUTMENT FOR MULTIPLE IMPLANT PLATFORMS"  
DR. ALESSANDRA MACEDO, ANN ARBOR, MI  
DR. TUSSAVIR TAMBRA, ANN ARBOR, MI
15. "FOLLOW-UP STUDY OF FIXED PARTIAL DENTURES FOR MISSING MAXILLARY FOUR-INCISORS"  
DR. SATOSHI MIYAMOTO, TOKYO, JAPAN
16. "PROVISIONAL BASE-METAL OVERLAY RESTORATIONS AS A TRANSITIONAL STAGE TO STABILIZE A SEVERLY WORN DENTITION"  
DR. ALFONSO MONARRES, BUFFALO, NY
17. "RESTORATION OF THE ITI STRAUMANN WIDE NECK IMPLANT"  
DR. ANTHONY MONTELLA, CHICAGO, IL
18. "DIRECT APPROACH FOR EXPEDIENT AND FUNCTIONAL PROVISIONAL RESTORATIONS"  
DR. PANAGIOTIS PSICHOGIOS
19. "EFFECT OF EVAPORATION AND MIXING TECHNIQUE ON DIE SPACER THICKNESS"  
DR. JASON PSILLAKIS, NEW YORK, NY
20. "TUNED APERTURE COMPUTED TOMOGRAPHY FOR PRESURGICAL IMPLANT ASSESSMENT IN THE POSTERIOR MANDIBLE"  
DR. BEHNOUSH RASHEDI
21. "RETENTIVENESS OF DENTAL CEMENTS USED WITH METAL IMPLANT COMPONENTS"  
DR. RACHEL SQUIER, FARMINGTON, CT.  
DR. THOMAS TAYLOR, FARMINGTON, CT.
22. "THE EFFECT OF THE CYCLIC LOADING ON THE MICROLEAKAGE OF RESIN CEMENTED CROWNS"  
DR. SORAYA VILLARROEL, COLUMBUS, OH
23. "IPS EMPRESS 2 - CLINICAL PROCEDURES AND SHORT TERM RESULTS"  
DR. CRISTOPH ZAWTA, FRIEBURG, GERMANY  
DR. JEORG R. STRUB, FRIEBURG, GERMANY
24. "TRANSFORMING GROWTH FACTOR B1 INCREASES BONE FORMATION ON TITANIUM IMPLANT MATERIALS"  
DR. HAI ZHANG, FARMINGTON, CT
25. "OCCURRENCE OF DEFECTS IN SLOTTED GOLD PROSTHETIC SCREWS"  
DR. SAMEER RAMBHIA, MILWAUKEE, WI  
TYLMAN SECOND PLACE WINNER



**THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS  
FIFTIETH ANNUAL SCIENTIFIC SESSION  
CHICAGO MARRIOTT HOTEL DOWNTOWN**

**FRIDAY, 23 FEBRUARY 2001**

- |                        |  |
|------------------------|--|
| <b>7:00AM</b>          | <b>Registration 7th Floor Foyer<br/>Members and Guests</b><br>Continental Breakfast in Exhibit Area<br>Exhibits Open, 7th Floor Salon III<br><b>Exhibits open from 7:00AM-5:00PM</b> |
| <b>8:15AM</b>          | <b>Welcome-Introductions</b><br>President Stephen D. Campbell<br>Program Chairs: Drs. Litvak & Malament  |
| <b>8:30AM-9:10AM</b>   | <b>"Occlusal Loading of Dental Implants:<br/>What Do We Know?"</b><br>Dr. Robert J. Cronin, Jr.  |
| <b>9:10AM-9:50AM</b>   | <b>"The Role of Occlusion in<br/>Temporomandibular Disorders"</b><br>Dr. Jeffery P. Okeson   |
| <b>9:50AM-10:20AM</b>  | <b>Break - Exhibits Open - Refreshments</b>  |
| <b>10:20AM-11:00AM</b> | <b>"TMD and Occlusion: Anatomical<br/>Considerations"</b><br>Dr. Terry T. Tanaka   |
| <b>11:00AM-11:45AM</b> | <b>"Orthodontic vs. Restorative Alignment<br/>of Malposed Teeth"</b><br>Dr. Frank Spear  |
| <b>11:45AM-12:00PM</b> | <b>"The Influence of Cold Working and Thermal<br/>Treatment on the Fit of Implant Supported<br/>Fixed Partial Dentures"</b><br>Dr. Salman A. Lakhani                                 |
| <b>12:00PM</b>         | <b>ANNUAL ACADEMY LUNCHEON<br/>FIFTH FLOOR BALLROOM<br/>MEMBERS AND PAID GUESTS INVITED</b>  |
| <b>1:30PM-2:10PM</b>   | <b>"High Tech Ceramics in Dentistry"</b><br>Dr. Peter Schaerer   |
| <b>2:10PM-2:45PM</b>   | <b>"Posterior Ceramic Restorations -<br/>A Damage Fatigue Syndrome"</b><br>Dr. Van P. Thompson   |
| <b>2:45PM</b>          | <b>Break - Exhibits - Refreshments</b>   |
| <b>3:15PM-3:55PM</b>   | <b>"Treatment Modalities of Deficient<br/>Pontic Areas"</b><br>Dr. Joerg R. Strub  |
| <b>3:55PM-5:00PM</b>   | <b>"Using 3D Computer Renditions for<br/>Diagnosis, Treatment Management and<br/>Viewing Proposed Outcomes"</b><br>Dr. William H. Douglas  |
| <b>5:00PM</b>          | <b>Golden Anniversary Celebration<br/>Cocktails, Dinner, Show, Dancing<br/>Members and Paid Guest Invited</b>  |

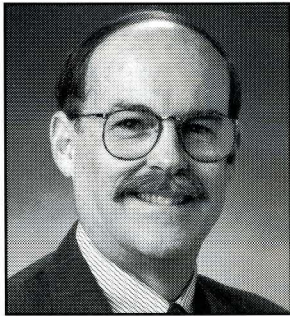
Many thanks to: Straumann Co., Ivoclar, 3i, NobelBiocare, and Teledyne Waterpik Technologies for their generous support.

**THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS  
FIFTIETH ANNUAL SCIENTIFIC SESSION  
CHICAGO MARRIOTT HOTEL DOWNTOWN**

**SATURDAY, 24 FEBRUARY 2001**

- |                        |   |
|------------------------|---|
| <b>7:00AM</b>          | <b>Registration - Members and Guests</b><br>7th Floor Foyer<br>Continental Breakfast in Exhibit Area<br>Past Presidents and New Members<br>Exhibits Open, 7th Floor Salon III     |
| <b>8:30AM-8:55AM</b>   | <b>"An Eclectic Approach to Predictable<br/>Dental Implants"</b><br>Dr. Richard L. Lazzara  |
| <b>8:55AM-9:35AM</b>   | <b>"Treatment Planning for the Single<br/>Missing Tooth"</b><br>Dr. Gerald M. Barrack   |
| <b>9:35AM-10:15AM</b>  | <b>"Implant Esthetics: Achievements and<br/>Limitations"</b><br>Dr. Daniel A. Buser   |
| <b>10:15AM</b>         | <b>Break - Exhibits Open - Refreshments</b>   |
| <b>10:45AM-11:25AM</b> | <b>"The Esthetic Challenge for Teeth and<br/>Implants: Myth or Reality"</b><br>Dr. Burton Langer  |
| <b>11:25AM-12:00PM</b> | <b>"The Maxillary Edentulous Rehabilitation<br/>Using 3D Biomodels, Fixed Protheses<br/>Laser Welded Hybrid Frameworks, and<br/>CAD-CAM Fabrications"</b><br>Dr. Patrick J. Henry |
| <b>12:00PM</b>         | <b>Hosted Light Luncheon Snacks in both<br/>the Table Clinic Area (5th Floor) and the<br/>Commercial Exhibits Area (7th Floor)<br/>(Exhibits Close at 1:30PM)</b>                 |
| <b>1:30PM-2:20PM</b>   | <b>"The Last Frontier in Fixed<br/>Prosthodontics"</b><br>Dr. David A. Garber   |
| <b>2:20PM-3:10PM</b>   | <b>"Supportive Periodontal Care After<br/>Osseous Reconstructive Surgery (ORS)"</b><br>Dr. Gianfranco Carnevale   |
| <b>3:10PM-4:00PM</b>   | <b>"Pre-Prosthetic Posterior Surgical<br/>Preparation"</b><br>Dr. Gary M. Reiser  |
| <b>4:00PM</b>          | <b>Closing Remarks<br/>President Stephen D. Campbell</b>  |

\*Note: Exhibits will be open continuously from 7:00AM to 1:30PM for your convenience.



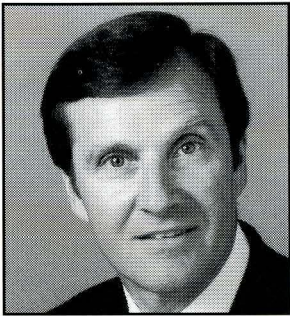
Robert J. Cronin, Jr., DDS, MS

**“OCCLUSAL LOADIING OF DENTAL IMPLANTS  
WHAT DO WE KNOW?”**

**Synopsis:** The role of occlusion on the long-term health of dental implants has not been completely defined. Load propagation from the prosthesis, through intervening components, to the implant in its supporting tissues is a complex phenomenon. Dr. Cronin will review recent research regarding the biomechanical loading of dental implants and load timing. A conservative design scheme for an implant supported or assisted occlusion will be described.

**Attendees will learn:** 1. A rationale for the timing of occlusal load. 2. Indications and techniques for immediate loading and progressive loading. 3. Current occlusal concepts for dental implants.

**Curriculum Vitae:** Dr. Robert J. Cronin, Jr., is the Director of the Postdoctoral Prosthodontics Program and Professor at The University of Texas Health Science Center at San Antonio Dental School. He received his DDS degree from Georgetown University and completed a three year postdoctoral program in prosthodontics at Wilford Hall USAF Medical Center, receiving an MS degree from the University of Texas Dental Branch at Houston. Dr. Cronin is a Diplomate of the American Board of Prosthodontics and has written and lectured extensively on prosthodontic and dental implant topics. He served as Chairman and Director of the Graduate Prosthodontics Program at Wilford Hall USAF Medical Center and as the Special Consultant in Prosthodontic to the Surgeon General. Dr. Cronin belongs to many prosthodontic organizations and has served as Editor of the Clinical Research Section of the JPD. He is a director of the American Board of Prosthodontics.



Jeffrey P. Okeson, DMD

**“THE ROLE OF OCCLUSION IN  
TEMPOROMANDIBULAR DISORDERS (TMD)”**

**Synopsis:** Very few clinicians, educators or researchers would deny the importance of occlusion in the practice of dentistry. However, for many years the dental profession has debated the role of occlusion as an etiologic factor in temporomandibular disorders. This presentation will highlight when occlusal factors may play a role in temporomandibular disorder and when they are likely unrelated. The fundamental understanding of the role of occlusion is basic to selecting appropriate therapy for the TMD patient.

**Curriculum Vitae:** Dr. Okeson is Director and founder of the Orofacial Pain Center at the University of Kentucky College of Dentistry. He has authored three textbooks on TM disorders and orofacial pain, which have been translated into several different languages. In addition to these texts, he has published more than 130 articles and chapters. He is a very sought after lecturer on the subject of TMD and orofacial pain and has presented programs in 42 different states and 32 foreign countries.





Terry T. Tanaka, DDS, FADI, FACD, FICD

**"TMD AND OCCLUSION: ANATOMICAL CONSIDERATIONS"**

**Synopsis:** This program will focus upon how and when TMD and occlusion are related. Anatomical dissections and clinical examples will be presented to help the prosthodontist and restorative dentist determine which TM disorders will respond to dental therapies such as: occlusal adjustment and splint therapy, and which disorders will require medication and a medical referral. Early diagnosis and management of disorders that cause unilateral and bilateral open-bite conditions will be emphasized in order to avoid complex restorative and surgical intervention.

**Curriculum Vitae:** Terry T. Tanaka is a Clinical Professor in Graduate Prosthodontics at the University of Southern California, School of Dentistry, and maintains a private Prosthodontic practice in Chula Vista, California. He is an internationally recognized lecturer on Advanced Restorative Procedures, Orofacial Pain, and Anatomy. He is the Director of restorative and prosthodontic study groups in the US, Italy, and Japan. He has published numerous articles and his text and educational videotapes are used in over 75 dental schools worldwide. Dr. Tanaka is a member of the Pacific Coast Society of Prosthodontists, American Academy of Restorative Dentistry, American Academy of Orofacial Pain, the American Equilibration Society and is a Diplomate of the American Board of Orofacial Pain.

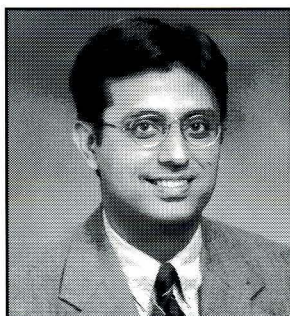


Frank Spear, DDS, MSD

**"ORTHODONTIC VS RESTORATIVE ALIGNMENT OF MALPOSITIONED TEETH"**

**Synopsis:** Modern adhesive and ceramic technologies have made it easier than ever to produce excellent esthetics. The ease with which this can occur has created a strong push by some in restorative dentistry to use this approach as a replacement for traditional orthodontic correction of tooth alignment. This presentation will focus on the specific patient criteria, which must be evaluated if a truly excellent "Instant Orthodontic" result is to be expected. In addition, the relative contraindications to using such an approach will be clearly delineated.

**Curriculum Vitae:** Dr. Frank Spear received his degree from the University of Washington in 1979, and an 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. He has presented more than 800 days of continuing education in North America and Europe. As the founder and director of the Seattle Institute of Advanced Dental Education, Dr. Spear continues to be recognized as one of the premier educators in esthetic and restorative dentistry in the world today. Among the many honors Dr. Spear has received the most recent include 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, to receive the Saul Schluge Memorial Award for Excellence in Diagnosis and Treatment Planning from the Seattle Study Club. Dr. Spear's memberships include the American Academy of Esthetic Dentistry, The American Academy of Restorative Dentistry, The Academy of Prosthodontics, The American College of Prosthodontists, the Pierre Fauchard Academy, and the International College of Dentists. In addition, he is the section editor on esthetics for *Quintessence International*. Dr. Spear is also a reviewer for the *Journal of Esthetic Dentistry and Practical Periodontics and Aesthetic Dentistry*.



Salman A. Lakhani, BDS

*1st Place Award Winner, Stanley D. Tylman Research Award*

**"THE INFLUENCE OF COLD WORKING  
AND THERMAL TREATMENT ON THE FIT  
OF IMPLANT SUPPORTED FIXED  
PARTIAL DENTURES"**

**Synopsis:** Implant-supported prostheses should fit passively. It has been shown that distortion was significantly reduced, in single porcelain-fused-to-metal castings, when the oxidation cycle was completed before metal finishing. No study has evaluated these findings in porcelain-fused-to-metal fixed partial dentures. The purpose of this study was to compare the fit of implant-supported porcelain-fused-to-metal fixed partial dentures when different thermal treatments were performed. It was observed that thermal treatments prior to the finishing of the metal framework did not significantly reduce distortion. However, different heat treatments did affect the pattern and timing of distortion.

**Curriculum Vitae:** Dr. Salman A. Lakhani is currently a fellow in Maxillofacial Prosthodontics and Dental Oncology at the M.D. Anderson Cancer Center in Houston, Texas. He completed his dental education at Liaquat Medical College, Department of Dentistry, Pakistan in 1994 and he completed his residency training in Prosthodontics in June 2000 at the University of Rochester, Eastman Dental Center.

**ANNUAL ACADEMY LUNCHEON  
PRESENTATION OF THE STANLEY D. TYLMAN  
RESEARCH AWARDS FOR 2000**

DR. KENT L. KNOERNSCHILD  
CHAIRMAN, TYLMAN RESEARCH AWARD COMMITTEE

**FIRST PLACE WINNER**

Dr. Salman A. Lakhani

University of Rochester Eastman Dental Center

"The Influence of Cold Working and Thermal Treatment on  
the Fit of Implant Supported Fixed Partial Dentures"

Program Director: Dr. Gerald Graser

Research Mentor: Dr. Carlo Ercoli

**SECOND PLACE WINNER**

Dr. Sameer Rambhia

Marquette University

"Occurrence of Defects in Slotted Gold Prosthetic Screws"

Program Director: Dr. William Nagy

Research Mentor: Dr. William Nagy

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

Dr. Francis V. Panno

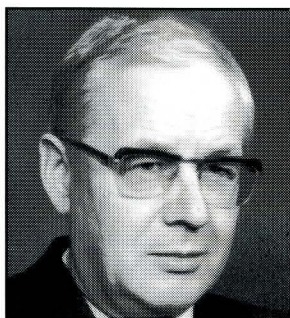
Chairman, George H. Moulton Award Committee

**2001 Awardee: Dr. Ralph Yuodelis**

**PRESENTATION OF NEW AAFP MEMBERS**

President Stephen D. Campbell



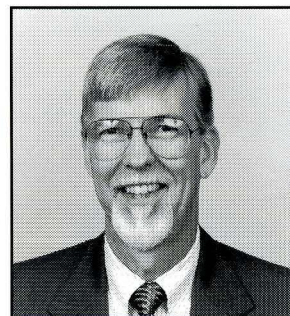


Prof. Dr. Peter Schaerer, MS

### **"HIGH TECH CERAMICS IN DENTISTRY"**

**Synopsis:** There seems to be a constant attempt to improve the physical properties of full ceramic systems used in dentistry. Also some full ceramic systems (like enamel-bonded laminates, inlays and anterior full crowns) seem to function quite well. Posterior crowns, and especially bridges in the posterior segments, still show a clinically unacceptable high failure rate. The use of high-tech ceramics (Zirconiaoxyd) will be discussed and also the question: to what extent do PFM restorations need to become substituted by full ceramic systems because of esthetic reasons?

**Curriculum Vitae:** Prof. Dr. Peter Schaerer is a native of Schaffhausen, Switzerland, and a graduate of Zuerich Dental School. After graduate training in prosthodontics from 1959 to 1962 in Zurich with Professor E. Dolder, he trained in periodontics in Rochester, NY, at the Eastman Dental Center with Professor D. H. A. Zander. He was a visiting research scientist in 1966 at the Department of Oral Physiology at Osaka Dental School, Japan, with Dr. Y. Kawamura. Since 1972 he has been Chairman of the Department of Prosthodontics and Dental Materials at the Dental School in Zurich, Switzerland. He was the first Dentist Dean of the Medical Faculty of Zurich University. At present he is Dean of the Dental School at Zurich University and Head, Department of Crown and Bridge Prosthodontics, removable prosthetics, and dental materials.



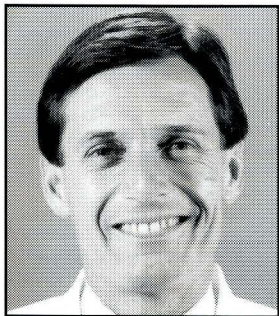
Van P. Thompson, DDS, PhD

### **"POSTERIOR ALL-CERAMIC RESTORATIONS A DAMAGE FATIGUE PROBLEM"**

**Synopsis:** Clinical results with all-ceramic posterior restorations indicate that high stress states result in significant failure rates for monolithic materials. Recent investigations have shown that initial strength of a ceramic material has little to do with its clinical performance. Instead, tolerance to damage, introduced a number of different ways, is a more important characteristic. Damage from repeated Hertzian contact (blunt, cyclic contact similar to occlusal contact) accumulates, leading to catastrophic failure. Routine sandblasting can create damage equivalent to a million loading cycles for some ceramics. Esthetic monolithic materials are susceptible to significant reduction in strength/failure after damage equivalent to 4 to 5 years of clinical use. Layered structures, soft esthetic porcelain on stiff and strong substrates, offer an alternative with improved damage tolerance. Unfortunately, recent investigations suggest that fatigue life remains a significant problem and a challenge for designing future esthetic restorative systems. This presentation will compare Hertzian contact fatigue laboratory results with recent long-term clinical performance data.

**Curriculum Vitae:** Dr. Thompson is Assoc. Dean for Research, Professor of Prosthodontics and Biomaterials at the University of Medicine and Dentistry of New Jersey, and previously Professor of Restorative Dentistry at the University of Maryland. He has published many articles and made numerous presentations on dental materials in the U.S. and internationally. Co-developer of the etched casting resin bonded retainer, Dr. Thompson has published and presented extensively in this area. He has served on the ADA Council on Dental Materials, Instruments, and Equipment and is Chair of the ADA Council on Scientific Affairs. His current research areas include adhesion to metals, to ceramics and to sound and carious dentin as well as the effect of CAD/CAM machining on ceramics and the development of an intra-oral communications system.



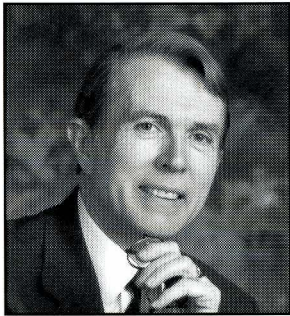


Joerg R. Strub, DMD, PhD

**“TREATMENT MODALITIES FOR DEFICIENT  
PONTIC AREAS”**

**Synopsis:** The optimal treatment planning and procedures of deficient pontic areas play an important role in today's restorative dentistry. Several classifications of ridge deficiencies were published in the literature and several non-surgical and surgical treatment procedures were recommended. But only little scientific information is present to support the different treatment modalities. Pink porcelain or acrylic materials integrated in a prosthesis can be used to compensate for hard and soft tissue loss. Pocket procedures, hard and soft tissue augmentations in combination with implant placement are valuable surgical procedures. This presentation will highlight diagnosis, treatment planning and the execution of non-surgical and surgical treatment modalities for deficient pontics.

**Curriculum Vitae:** Dr. Jorge R. Strub received his DMD and PhD degrees from the University of Zurich, Switzerland. He was a visiting Assistant Professor in the Department of Biomaterials at Louisiana State University in New Orleans. He was Associate Professor and Co-Director of the Graduate Program in Perio-Prosthesis at the University of Zurich, Switzerland, and a Visiting Professor in the Department of Prosthodontics at Osaka University in Japan. Currently, he is Dean as well as Professor and Chair of the Department of Prosthodontics at Albert-Ludwig University, Freiburg, Germany.



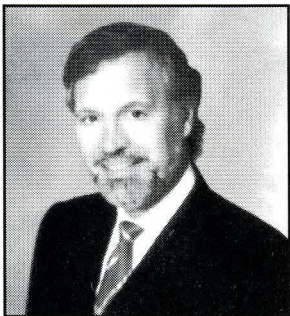
William H. Douglas, BS, MS, PhD, BDS, LDS

**“USING 3D COMPUTER RENDITIONS FOR  
DIAGNOSIS, TREATMENT MANAGEMENT AND  
VIEWING OUTCOMES”**

**Synopsis:** It is now possible to create high density, highly accurate 3D renditions of the patient's dentition on a computer screen. With a clinically interactive interface, the implications of this technique are enormous when used for diagnosis, treatment management and pre-treatment outcome projections. This lecture will review high-density rendition and its role in an analysis of occlusal conditions, enamel wear, and soft tissue concerns.

**Curriculum Vitae:** Dr. Douglas received his PhD in Chemistry and Biomaterials from Queens University in Belfast, North Ireland. He earned his dental degree at Guys Hospital/University in London, England. He is currently the Harvey L. Anderson Endowed Professor of Dental Materials, and Chairman of the Department of Oral Sciences at the University of Minnesota School of Dentistry, and Academic Director of the Minnesota Dental Research Center for Biomaterials and Biomechanics, an alliance between the University and Industry. His current research interests include biophysical science of the human masticatory system, clinically simulated laboratory testing of synthetic replacements for human enamel, and the “virtual dental patient”. Dr. Douglas is the co-principal investigator of the recently funded NIDR grant (Dr. R. DeLong, \$1.1 million over 5 years), “The Virtual Dental Patient”. The Virtual Dental Patient (VDP) will allow researchers to digitally manipulate 3D computer images of a patient's teeth and gums. Creation of the VDP will open up new possibilities in noninvasive diagnosis and treatment planning, as well as clinical self-instruction and review. The digitally based VDP will also be ideal for sharing information over the Internet.



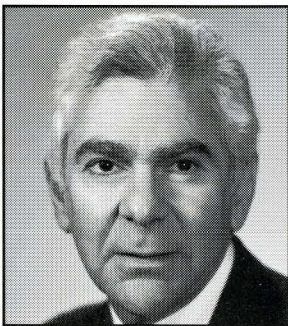


Richard J. Lazzara, DMD, MScD

**“AN ECLECTIC APPROACH TO PREDICTABLE  
DENTAL IMPLANTS”**

**Synopsis:** As implant therapy evolves, we have learned much in our approach to predictable implant retained/supported restorations. A holistic view of all aspects of the prosthetic interface can result in a predictable prosthetic joint and restoration. This presentation will cover what we have learned and what the state of the art is in implant prostheses predictability. Restorative options in relation to desired outcomes will be shown.

**Curriculum Vitae:** Richard J. Lazzara practices periodontics and implant dentistry in West Palm Beach, FL. He has published numerous articles and textbook chapters on the subject of osseointegrated implants. Research topics cover a variety of areas, including regenerative, restorative, and early loading protocols. Recent focus has been the clinical benefits of the changing therapeutic protocols as a result of bioengineered surface technology. He is currently Clinical Assistant Professor at the University of Southern California School of Dentistry and Associate Clinical Professor at the University of Maryland Periodontal and Implant Regenerative Center and an Associate Professor at the University of Miami. He has lectured extensively throughout the US and internationally on the surgical and prosthetic application of implant dentistry.



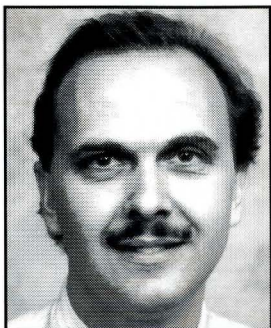
Gerald Barrack, BS, DDS

**“TREATMENT PLANNING FOR THE SINGLE  
MISSING TOOTH”**

**Synopsis:** The treatment options for the patient with a single missing tooth have become more complex over the last twenty years. These options, in addition to the traditional complete coverage FPD, now include bonded partial coverage FPD's and implant supported restorations. This presentation will discuss the advantages and disadvantages as well as the indications and contra-indications for these three options. A review of the "success rates" reported in the literature will also be discussed.

**Curriculum Vitae:** Dr. Gerald Barrack is a Clinical Professor of Advanced Education in Prosthodontics at NYU College of Dentistry and maintains a full time prosthodontic practice in Ho Ho Kus, NJ. He is Past President of the Academy of Osseointegration, the Greater New York Academy of Prosthodontics and the Northeastern Gnathological Society. Dr. Barrack is a Fellow in the American College of Prosthodontists, the International College of Prosthodontists, the Greater New York Academy of Prosthodontics, the American Academy of Esthetic Dentistry, and the Academy of Osseointegration. He is also a Diplomate of the American Board of Prosthodontics. Dr. Barrack has lectured national and internationally and has published numerous articles on Resin Bonded Prostheses.

Saturday, February 24, 2001  
9:35AM - 10:15AM



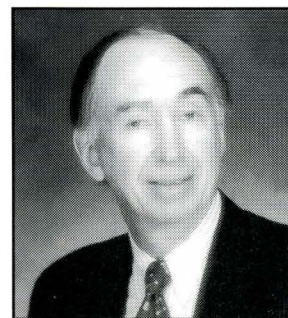
Daniel A. Buser, DDS, PhD

**"IMPLANT ESTHETICS: ACHIEVEMENTS  
AND LIMITATIONS"**

**Synopsis:** This lecture will describe how the esthetics of implant restorations can be optimized. This includes a careful preoperative analysis, a precise surgical procedure with 3-dimensional implant placement utilizing an appropriate implant type, and a prosthetic procedure first with a provisional restoration for soft tissue conditioning followed by the definitive restoration. Emphasis will be given to the surgical procedure, since esthetic implant sites often need bone or soft tissue augmentation procedures.

**Curriculum Vitae:** Dr. Daniel Buser is Professor and Chairman of the Department of Oral Surgery, University of Berne, Switzerland, where he graduated in 1980. He successfully completed the Habilitation (Swiss PhD) in 1992. Dr. Buser was at Boston's Harvard School of Dental Medicine between 1989 and 1991 and at Baylor College of Dentistry in Dallas in 1995. He is mainly involved in experimental and clinical research in the field of implant dentistry and Guided Bone Regeneration, and has authored or co-authored 125 articles in international journals and textbooks. He served as President of the European Association for Osseointegration from 1996-97. In the past 5 years, he received several scientific awards by professional organizations in Europe and the United States. Among them, the *Honorary Membership Award* by the American Academy of Periodontology for his scientific contributions in the field of Guided Bone Regeneration and Implant Dentistry. Currently, he serves as President of the Swiss Society of Oral Implantology.

Saturday, February 24, 2001  
10:45AM - 11:25AM



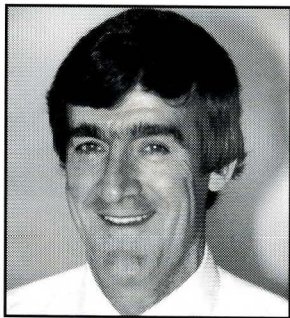
Dr. Burton Langer, DMD, MScD

**"THE ESTHETIC CHALLENGE FOR  
TEETH AND IMPLANTS:  
MYTH OR REALITY"**

**Synopsis:** Even though prosthetic dentistry has made significant strides in the development of new materials to restore teeth and implants, the contour of the tissue surrounding the restoration may prove to be as significant in the final esthetic outcome. This lecture will describe some of the cosmetic dilemmas that we are faced with, and a variety of solutions that are available to either avoid or correct these problems. An array of surgical and prosthetic interaction will be addressed and presented.

**Curriculum Vitae:** Dr. Burton Langer earned his dental degree from Tufts School of Dental Medicine in 1964 and received his Certificate in Periodontics and Masters Degree in Science from Boston University School of Graduate Dentistry in 1966. He was formerly an Associate Professor of Periodontics and Director of Post Graduate Clinical Periodontics at Columbia University School of Dental and Oral Surgery. Currently, he is on the staff of Beth Israel Medical Center. He is a Diplomate of the American Board of Periodontology and one of the first periodontists trained in osseointegration by Professor Per-Ingvar Branemark in 1983. His development of new modalities of therapy, such as the early re-entry procedure for bone grafts, the ridge augmentation procedure, the subepithelial connective tissue graft and various flap procedures for implants, have become standard methods of treatment. He has lectured extensively throughout the world and written over 30 articles that have enhanced the clinical practice of periodontics and implant dentistry. He is the 1997 recipient of the American Academy of Periodontology Master Clinician Award.



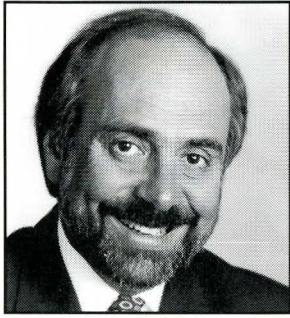


Patrick J. Henry, DDS, MS

**“THE MAXILLARY EDENTULOUS REHABILITATION  
USING 3D BIOMODELS, FIXED PROSTHESES,  
LASER WELDED HYBRID FRAMEWORKS AND  
CAD/CAM FABRICATIONS”**

**Synopsis:** The maxillary edentulous full arch prosthesis poses a number of significant challenges, particularly with respect to esthetic demand in the presence of reduced residual ridge architecture. Case selection protocol will address the full range of prosthesis possibilities with emphasis on the fixed solution. Emphasis will be placed on the surgical prosthodontic management of advanced ridge atrophy and the utilization of 3D radiological reformation images and the production of biomodels to precisely evaluate and plan implant installation. Current methods of framework design, including laser welded hybrid frames and single piece CAD/CAM fabrications, will be presented.

**Curriculum Vitae:** Dr. Patrick Henry graduated from the University of Western Australia in 1960. He successfully completed advanced training in prosthodontics at Indiana University, Indianapolis, IN, from 1961-1963. He has been a Visiting Professor at the University of Michigan since 1972. In 1982 he founded the Branemark Osseointegration Training Center for Intra-Oral and Extra-Oral Tissue Integrated Prosthesis in Perth, Western Australia. His current interests include continuing education, and research and development in implant prosthodontics. He has published 100 articles and contributed to 6 textbooks.



David A. Garber, DMD

**“THE LAST FRONTIER IN PERIODONTICS”**

**Synopsis:** The combination of innovative new ceramic systems with the predictability of additive and resective periodontal plastic procedures has changed the face of prosthodontics. Esthetic results never envisioned a few years ago have become routine. However, the nemesis of any prosthodontist or periodontist remains the missing papilla. The loss of this dimensionally insignificant piece of tissue often results in a disproportionately dramatic esthetic compromise. This lecture will address the full gamut of esthetic procedures and present a new classification of papilla defects, the restorative problems associated with them, and alternative strategies for resolving this final limitation in esthetic reconstruction.

**Curriculum Vitae:** Dr. David Garber is a graduate of the University of Pennsylvania School of Dentistry where he received his training in Periodontics and Fixed Prosthodontics and served as Director of Crown and Bridge and Director of the Group Clinical Practice. Since 1983 he has practiced in Atlanta, GA. He also practiced in Great Britain, South Africa, and elsewhere in the US. Dr. Garber holds a dual appointment at the Medical College of Georgia School of Dentistry in Augusta as Professor in the Department of Periodontics and as Clinical Professor in the Department of Oral Rehabilitation. He also serves on the faculty of Louisiana State University and the University of Texas at San Antonio. Dr. Garber has lectured extensively throughout North America, Europe, Asia, and Africa. He is an active member of many organizations, serving on the boards of many, and is Past President of the American Academy of Esthetic Dentistry. He has published extensively, both in journals and textbooks, and is currently completing a text on integrated therapy in advanced esthetics and esthetic implants.



Gianfranco Carnevale, MD, DDS, MS

**“LONG TERM EFFECT OF SUPPORTIVE PERIODONTAL CARE AFTER OSSEOUS RECONSTRUCTIVE SURGERY (ORS)”**

**Synopsis:** Several clinical investigations have compared the long-term effect of various surgical and non-surgical treatment modalities using a split mouth technique. Many objections have been raised in the periodontal community over the evaluation and the practical applicability of the results of this type of clinical trial. The indications and contraindications of the surgical technique and the treatment outcomes of ORS will be discussed. The long term maintenance of the immediate post-treatment results after ORS will also be analyzed in 300 patients enrolled in a supportive periodontal care program.

**Curriculum Vitae:** Gianfranco Carnevale graduated as a Medical doctor in 1970 and specialized in Odontostomatology in 1973 at the University of Rome. In 1976 he received a Certificate of Advanced Graduate Studies and a Master of Science in Periodontology at Boston University. He is Past-President of the Italian Society of Periodontology and President of the European Federation of Periodontology. He was Co-Editor of the textbook “Parodontologia” and co-author of the textbook “Clinical Periodontology and Implant Dentistry”, J. Lindhe, T. Karring, N.P. Lang, Editors. Dr. Carnevale limits his activity to Periodontology in a group practice in Bologna and in a specialty practice in Rome.



Gary M. Reiser, DDS

**“PRE-PROSTHETIC POSTERIOR SURGICAL PREPARATON”**

**Synopsis:** A myriad of surgical problems complicate posterior natural dentition and implant restoration. These problems include bone loss and gingival recession which complicate abutment outcomes and compromised edentulous posterior regions negatively affecting implant treatment planning. These ridge problems include soft tissue deficiencies, the narrow alveolus, the hollow alveolus and nerve and sinus enroachment. Diagnosis, treatment planning, and treatment results will be discussed for these various posterior problems.

**Curriculum Vitae:** Dr. Gary M. Reiser is a graduate of Temple University School of Dentistry and Boston University School of Graduate Dentistry. He is a Diplomate of the American Board of Periodontology and a current director of the board. He has appeared on many national and international programs and has authored several articles and textbook chapters. He is Associate Professor of Periodontics at Tufts University and maintains a private practice in Swampscott, MA.