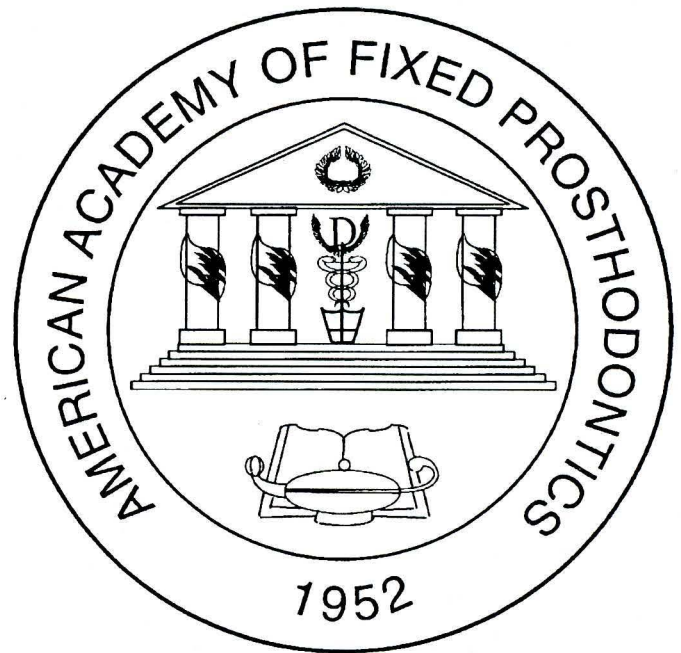


**THE AMERICAN ACADEMY  
OF FIXED  
PROSTHODONTICS**

**FUTURE MEETINGS**

1994 - 18 - 19 FEBRUARY  
1995 - 24 - 25 FEBRUARY  
1996 - 23 - 24 FEBRUARY  
1997 - 21 - 22 FEBRUARY  
1998 - 20 - 21 FEBRUARY  
1999 - 19 - 20 FEBRUARY  
2000 - 25 - 26 FEBRUARY



**FORTY THIRD ANNUAL MEETING**

**FEBRUARY 18, 19, 1994**

**CHICAGO MARRIOTT HOTEL  
CHICAGO, ILLINOIS**

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## THE ORIGIN AND HERITAGE OF THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS

The American Academy of Crown and Bridge 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 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 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 By-Laws 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 520 active members and life members in 22 different countries.

Members 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.

Jesse T. Bullard





## THE PRESIDENT'S MESSAGE

**DALE L. TIMBERLAKE, DDS**  
**PRESIDENT, 1993-1994**

At this Forty-Third Annual Meeting of the American Academy of Fixed Prosthodontics, I warmly welcome the members, guests, and clinicians.

The Academy is the citadel of fixed prosthodontics, nationally and internationally. We are proud of the membership and the programs presented annually. This Academy was formed by men interested in teaching, practicing and researching fixed prosthodontics. Men and woman from both the university community and private practice will find that the scientific sessions focus on the state of the art information in fixed prosthodontics. Our program chairman, Dr. David Eggleston, has done an admirable job providing educational and entertaining presentations.

In the future may your teachings and your practices benefit from your two days spent with our Academy. Sharpen your intellect, make new friendships, renew old ones, and enjoy our social activities.

## PAST PRESIDENTS

*Claude R. Baker.....	1952-53
*Robert R. 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
Phillip 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 W. 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

\* deceased

## OFFICERS

President..... Dale L. Timberlake  
 President-Elect..... Jesse T. Bullard  
 Immediate Past President..... William L. Nequette  
 Vice-President..... Harvey L. Colman  
 Secretary..... Robert S. Staffanou  
 Treasurer..... Don G. Garver

## BOARD OF DIRECTORS

Francis P. Ursoleo..... 1994  
 Richard D. Wilson..... 1994  
 L. James Bell..... 1995  
 Richard R. Cavanaugh..... 1995  
 Denny M. Smith..... 1995  
 Stephen D. Campbell..... 1996  
 Martin F. Land ..... 1996

## STANDING COMMITTEE CHAIRMAN

Credentials Committee..... Herb Ptack '95  
 Program Chairman..... David W. Eggleston '94  
 Budget and Finance Committee..... David Seitin  
 Membership Committee..... Assad Mora '94  
 Tylman Research Grant Program..... Ichiro Nishimura '96  
 Nominating Committee..... William Nequette '94  
 Secretary for Guests..... Don Garver '94  
 Local Arrangements Committee..... Martin Land '95  
 Constitution and By-Laws Committee..... Charles Goodacre '96  
 FPO Delegates..... Immed. Past Pres; Pres; Sec  
 Editor..... William Malone  
 Affairs of the American Board..... Albert Kazis '96  
 FPO Comm. on Research and Education..... Denny Smith '94  
 Publicity and Communications Comm..... Assad Mora '94  
 Historian..... Jess Bullard '94  
 Chaplin..... Earl Stover  
 Future Planning and Policy Comm..... Harvey Colman '94  
 Newsletter Editor..... Assad Mora '96  
 Photographer..... Victor Mackoul '95  
 Parliamentarian..... Richard Cavanaugh '94  
 George H. Moulton Achievement Award..... Ronald Woody  
 Annual Program Planning Committee..... Harvey Colman  
 Exhibits Committee..... John Harrison

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Ethics Committee..... Harvey Colman  
 Awards Committee..... John Townsend  
 Goals and Objectives of Pros 21..... Jesse Bullard  
 Smithsonian Advisory Committee..... Peter Neff  
 Research in Fixed Prosthodontics (Co-Chairs).....  
     Stephen Campbell  
     Ichiro Nishimura

## OFFICERS AND DIRECTORS 1993 - 1994

### THE ACADEMY OF FIXED PROSTHODONTICS

#### PRESIDENT

Dale L. Timberlake  
 1701 W. Glendale, #1  
 Phoenix, AZ 85021  
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 H: (602) 375-3212  
 FAX: (602) 375-1545

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 Minneapolis, MN 55455  
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 H: (612) 482-9219  
 FAX: (612) 626-2655

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Robert S. Staffanou  
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 Bodega Bay, CA 94923  
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 FAX: (707) 875-2927

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 H: (214) 271-3990  
 FAX: (214) 826-0377

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 New Berlin, WI 53151  
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 H: (414) 782-5854  
 FAX: (414) 782-7720

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 FAX: (804) 258-4526

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Francis P. Urseleo '94  
 330 Plantation Street  
 Worcester, MA 01604  
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 H: (508) 845-6470

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 FAX: (214) 828-8346

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 O: (204) 788-6549  
 H: (204) 269-4984  
 FAX: (204) 888-4113

Martin F. Land '96  
 607 Summit Street  
 Alton, IL 62002  
 O: (618) 474-0123  
 H: (618) 474-7072  
 FAX: (618) 474-7072

Richard D. Wilson '94  
 3800 Patterson Avenue  
 Richmond, VA 23221  
 O: (804) 358-7582  
 H: (804) 355-0765  
 FAX: (804) 353-7342

Richard R. Cavanaugh '95  
 800 Airport Blvd.  
 Doylestown, PA 18901  
 O: (215) 345-1155  
 H: (215) 348-8408  
 FAX: (215) 345-9090

Stephen D. Campbell '96  
 45 Maple Street  
 Clarendon Hills, IL 60514  
 O: (312) 996-2669  
 H: (708) 655-4637  
 FAX: (312) 996-3535



## STANDING COMMITTEES 1993 - 94

### CREDENTIALS COMMITTEE

Herb Ptack, Chairman '95  
Paul Archacki '94  
Harry Shurnick '95  
Steve Aquilino '95  
Davis Garlapo '96  
Tim Avedovech '96  
Gary Toogood '96

### PROGRAM COMMITTEE

David Eggleston, Chairman  
Pat Allen '95  
Richard Roblee '95  
Jerry Ziebert, Ex Officio  
Francis Panno, Ex Officio

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Michael Meyers '94  
Richard Jordan '94  
Susan Brackett '96  
Tom McGarry '96  
John Townsend '96

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Myron Winer '95  
Richard Jones '96  
Richard Wells '96  
Tom Connell '96

### PARLIAMENTARIAN

Richard Cavanaugh '94

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Charles Goodacre, Chairman '96  
Michael Myers '94  
Bill Finigan '95  
Al Kazis '96

### CHAPLIN

Earl Stover

### HISTORIAN

Jesse Bullard, Chairman  
Charlie King  
Ernie Nuttall  
George Moulton, Ex Officio

### TYLMAN RESEARCH

#### GRANT PROGRAM

Ichiro Nishimura, Chairman '98  
Stephen Campbell '98  
Jack Edge '97  
Michael Myers '96  
Yvonne Balthazar-Hart '96

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Bill Malone

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Larry Sindledacker  
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Albert Kazis  
Ronald Woody

### SECRETARY FOR GUESTS

Don Carver  
Jim Bell

### DELEGATES TO THE FPO

Dale Timberlake  
Bill Nequette  
Bob Staffanou  
Jesse Bullard

### FUTURE PLANNING AND POLICY

Harvey Colman, Chairman  
Sam Guyer  
Marty Martel  
Amp Miller

### FPO COMMITTEE ON RESEARCH & EDUCATION

Denny Smith

### DELEGATE TO ACP FOR THE AFFAIRS OF THE AMERICAN BOARD OF PROSTHODONTICS

Albert Kazis

### FPO ORAL HEALTH COMMITTEE

Albert Kazis

### NEWSLETTER COMMITTEE

Assad Mora, Chairman  
Victor Makoul, Photographer

### PUBLICITY & COMMUNICATIONS

Assad Mora, Chairman  
Victor Makoul '95  
Jack Long '96

### BUDGET & FINANCE COMMITTEE

Dave Seitlin, Chairman  
Harvey Colman  
Marty Martel  
Don Carver, Ex Officio

### GEORGE H. MOULTON ACHIEVEMENT AWARD COMMITTEE

Ron Woody, Chairman  
Jarvis Schmitzer  
Herb Ptack

### ANNUAL PROGRAM PLAN- NING

#### COMMITTEE

Harvey Colman, Chairman  
David Eggleston  
Pat Allen  
Richard Roblee

## AD HOC COMMITTEES 1993 - 94

### AWARDS COMMITTEE

John Townsend, Chairman  
Dave Garlapo  
Jack Lipton

### SMITHSONIAN ADVISORY

Pete Neff  
Bill Lefler

### RESEARCH IN FIXED PROSTHODONTICS

Stephen Campbell, Co-Chair  
Ichiro Nishimura, Co-Chair  
Ed Riley  
Bill Malone  
J. Robert Kelly

### ETHICS COMMITTEE

Harvey Colman  
Tom Bahr

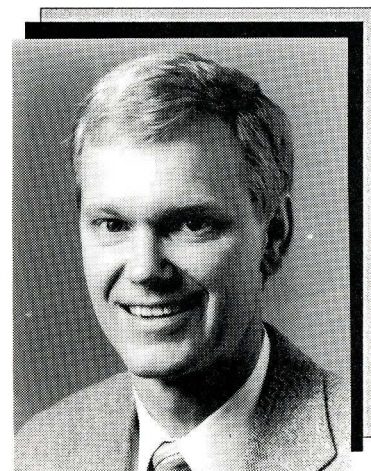
### GOALS AND OBJECTIVES FOR PROS 21

Jesse Bullard, Chairman  
Ron Woody  
Albert Kazis

**ANNUAL MEMBERSHIP  
DINNER AND BUSINESS MEETING  
THURSDAY, FEBRUARY 17, 1994**

5:30 pm	Early Registration
6:30 pm	5th Floor Foyer <b><i>MEMBERS ONLY, PLEASE!!!</i></b>
5:30 pm	Cocktail Reception - 5th Floor Foyer
6:30 pm	<b><i>MEMBERS ONLY, PLEASE!!!</i></b>
6:30 pm	Annual Membership Dinner 5th Floor Foyer, SALONS A,B,C,D <b><i>MEMBERS ONLY, PLEASE!!!</i></b>
8:00 pm	Annual Business Meeting 5th Floor Foyer, SALONS A,B,C,D President's Message Committee Reports Old Business New Business Nomination and Election of Officers <b><i>MEMBERS ONLY, PLEASE!!!</i></b>

**PROGRAM COMMITTEE**

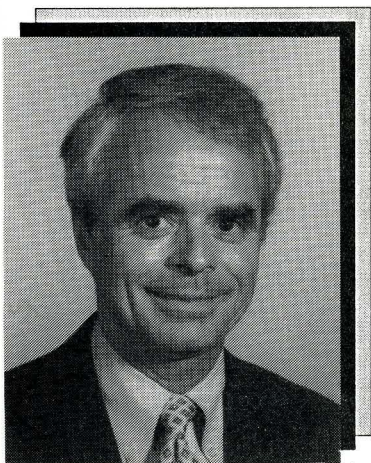


**Dr. David W. Eggleston**

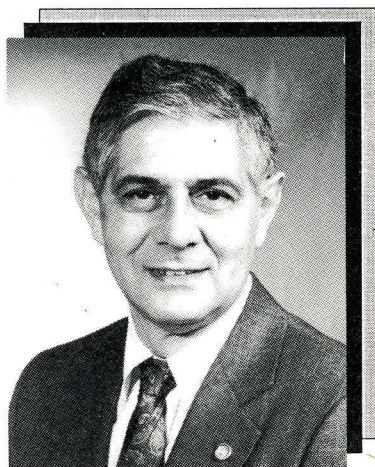
**Program Chairman 1994**



## PROGRAM COMMITTEE

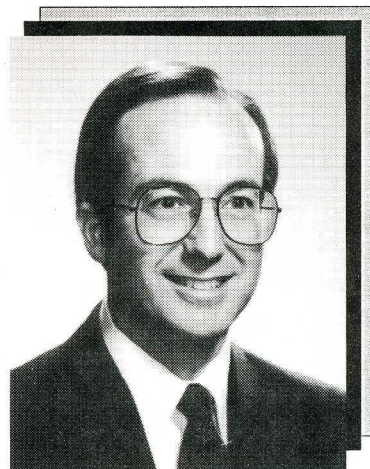


**Dr. Gerald J. Ziebert**  
**Co-Chairman 1993 Program**  
**Ex Officio**

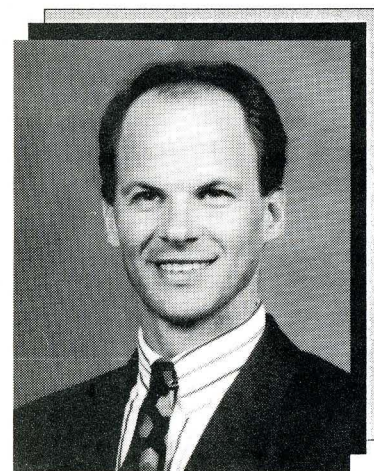


**Dr. Francis V. Panno**  
**Co-Chairman 1993 Program**  
**Ex Officio**

## PROGRAM COMMITTEE



**Dr. Pat Allen**  
**Co-Chairman 1995 Program**



**Dr. Richard Roblee**  
**Co-Chairman 1995 Program**



### IN MEMORY DR. JOSEPH E. EWING

Dr. Joseph E. Ewing was a Charter Member and Past President of the American Academy of Fixed Prosthodontics. He tirelessly served the Academy for many years as Secretary of the Credentials Committee. Dr. Ewing taught at Temple University, Department of Fixed Prosthodontics for over 28 years. He was also Chief of Dental Service at the VA Medical Center in Indianapolis, IN, for many years, eventually retiring in New Jersey. During his years at Temple the "Joseph E. Ewing Dental Study Group" was formed and still exists today. Through his dedication and leadership, Joe taught the necessity of continuing education in order to deliver the best treatment and service to patients and to the profession. Dr. Ewing actively supported his study group, meeting with them and helping them plan the future of the organization which was named in his honor. He was a skilled practitioner, a superb teacher, a loving father, and loyal to church, country, and his profession.

It is through the generosity of the "Joseph E. Ewing Study Group" that we now name the first lecture of the Annual Scientific Session the "Joseph E. Ewing Memorial Lecture". We are all sad in his loss but proud that we had this time to spend with him in the pursuit of excellence.

## PROGRAM SYNOPSIS FRIDAY, FEBRUARY 18, 1994 SALON I & II - 7TH FLOOR

### ANNUAL SCIENTIFIC SESSION 1994 "FIXED PROSTHODONTICS - STATE OF THE ART AND SCIENCE 1994"

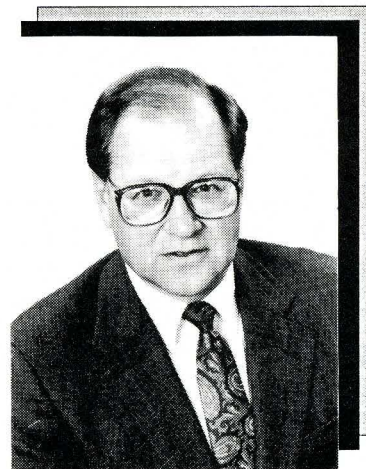
7:00 - 8:15 am	Registration, Continental Breakfast, Exhibits, 7th Floor Foyer, Foyer and Salon III
8:15 - 8:30 am	Presidential Greetings and Introduction of New Members. President Dale L. Timberlake
8:30 - 9:30 am	<i>THE JOSEPH E. EWING MEMORIAL LECTURE</i>  "CURRENT CONTROVERSIES IN THE TEMPOROMANDIBULAR DISORDERS" Dr. Charles Mc Neill, III
9:30 - 10:30 am	"SINGLE TOOTH ESTHETICS WITH OSSEOINTEGRATED IMPLANTS" Dr. Stephen Parel
10:30 - 11:00 am	BREAK - EXHIBITS OPEN, SALON III
11:00 - 12:00 pm	"ESTHETIC MULTIPLE IMPLANT RESTORATIONS IN THE PARTIALLY EDENTULOUS PATIENT" Dr. Steven G. Lewis
12:00 - 1:30 pm	ANNUAL LUNCHEON, 5TH FLOOR SALONS A.B.C.D.E LUNCHEON SPEAKER: "ETHICS IN DENTISTRY" Dr. Clifton O. Dummett
1:30 - 2:30 pm	"FACIALLY GENERATED TREATMENT PLANNING: A PLANNED APPROACH TO INTEGRATING ESTHETICS AND FUNCTION" Dr. Frank M. Spear
2:30 - 3:30 pm	"ALTERING GINGIVAL LEVELS: THE RESTORATIVE CONNECTION" Dr. John C. Kois
3:30 - 4:00 pm	BREAK - EXHIBITS OPEN, SALON III
4:00 - 5:00 pm	"ANATOMY FOR DENTAL IMPLANT PRODEDURES" Dr. Terry T. Tanka
5:00 - 7:00 pm	ANNUAL COCKTAIL RECEPTION (NO HOST BAR) MEMBERS AND GUESTS INVITED TABLE CLINIC PROGRAM NEW MEMBER RECEPTION (NEW THIS YEAR)



**PROGRAM SYNOPSIS**  
**SATURDAY, FEBRUARY 19, 1994**  
**SALON I & II, 7TH FLOOR**

- 7:00 - 8:00 am      **Registration, Continental Breakfast,  
Exhibits, 7th Floor Foyer and Salon III**
- 8:00 - 9:00 am      **"FIXED IMPLANT PROSTHODONTICS"**  
                          Dr. Gordon J. Christensen
- 9:00 - 9:15 am      **TYLMAN RESEARCH GRANT AWARD WINNER**  
                          Dr. Syed Faheem Rasool  
                          Harvard School of Dental Medicine
- "Determination of Residual Stresses of  
                          Ceramometal Alloys by X-ray Diffraction"
- 9:15 - 10:15 am    **"STRUCTURE\* IMPLANTS AND  
 DISKIMPLANTS\*: STATE OF THE ART OF  
 BONE-ANCHORED FIXED PROSTHODONTICS  
 IN THE EUROPEAN COMMUNITY"**  
                          Dr. Gerald Scortecchi
- 10:15 - 11:15      **"NATURAL TEETH AND UNNATURAL  
 IMPLANTS"**  
                          Dr. James M. Stein
- 11:15 - 12:15      **LUNCH - ON YOUR OWN TODAY!  
 EXHIBITS CLOSE AT 1:30 PM**
- 12:30 - 1:30        **PAST PRESIDENTS LUNCHEON -  
 PRESIDENTIAL SUITE 4618  
 PAST PRESIDENTS, OFFICERS,  
 DIRECTORS INVITED**
- 1:30 - 2:30 pm      **"BONE PROMOTION AROUND IMPLANTS  
 PLACED INTO IMMEDIATE EXTRACTION  
 SOCKETS: WHAT DOES IT MEAN AND CAN  
 IT FUNCTION UNDER LOAD?"**  
                          Dr. William Becker
- 2:30 - 3:30 pm      **"CLINICAL AND LABORATORY ASSESSMENTS  
 FOR PREDICTABLE FIXED PROSTHODONTICS"**  
                          Dr. Carl Drago
- 3:30 - 4:30 pm      **"VISUALIZING THE NATURAL AND ARTIFICIAL  
 DENTITION"**  
                          Dr. Robert R. Winter
- 4:30 pm              **CLOSING REMARKS**  
                          President Dale L. Timberlake

Friday, February 18, 1994  
 8:30am - 9:30 am

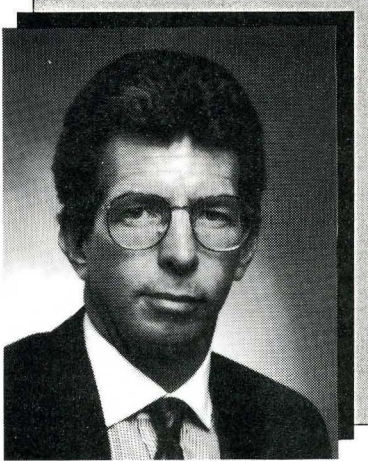


**Dr. Charles McNeill, III**  
**CURRENT CONTROVERSIES IN**  
**TEMPOROMANDIBULAR DISORDERS**

**Synopsis:** Historically, the field of temporomandibular disorders (TMD) has been long on testimonials, clinical opinion, and blind faith, but short on science. Due to the concern of many in the field today regarding professional credibility and intellectual honesty, the need for a scientific foundation to support the various belief systems is of paramount importance. Many questions and controversial issues in areas of epidemiology, etiology, diagnosis, and management for TMD need to be addressed. This presentation will include various, and at times conflicting, views on the progression of TMD, the association between occlusion and TMD, the role of various tests and devices for the diagnosis of TMD, and the need for reversible, noninvasive management rather than irreversible, aggressive treatment of TMD. The emphasis will be on conservative therapy that facilitates the musculoskeletal systems natural healing capacity and treatment that involves the patient in the physical and behavioral management of their own problem.

**Curriculum Vitae:** Dr. Charles McNeill, III, is Clinical Professor and Director of the Center for Temporomandibular Disorders and Orofacial Pain in the Department of Restorative Dentistry, University of California, San Francisco. He has been the Director of the Articulation and Occlusion Study Groups in the Center for Continuing Dental Education at UCSF since 1968. Dr. McNeill also maintained a private practice in Walnut Creek, California, for 27 years. He is a member and former President of the American Academy of Restorative Dentistry and of the American Academy of Craniomandibular Disorders. He is the Founder and President of the Craniomandibular Institute. In 1986, Dr. McNeill received the honor of Distinguished Practitioner in Dentistry from the National Academy of Practice. He is a Fellow of the American College of Dentists, the International College of Dentists, and a member of Omicron Kappa Upsilon Honorary Dental Society. He serves on the Editorial Boards of both the Journal of Craniomandibular Disorders: Facial and Oral Pain, and the International Journal of Periodontics and Restorative Dentistry. Dr. McNeill has authored many publications and lectures throughout the world on the evaluation, diagnosis, and management of temporomandibular disorders and orofacial pain.



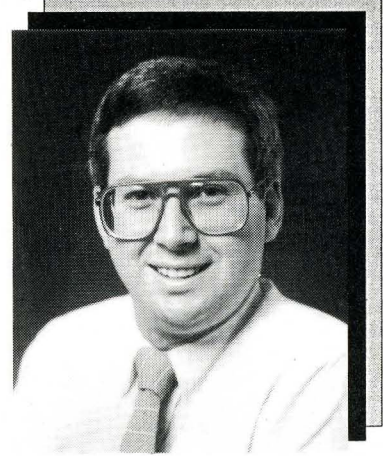


**Dr. Stephen M. Parel**

### **SINGLE TOOTH ESTHETICS WITH OSSEOINTEGRATED IMPLANTS**

**Synopsis:** A number of prosthetic options exist for constructing single tooth restorations on osseointegrated implants. Both machined and non-machined abutments with segmented or single piece construction will allow acceptable esthetic results for a variety of clinical applications. Recently introduced ceramic materials used in conjunction with a permanently seated abutment system may further enhance these capabilities. This presentation will review the presently used and developing concepts for optimizing single tooth esthetics on osseointegrated implants.

**Curriculum Vitae:** Dr. Parel graduated from the Medical College of Virginia in 1969. He served a one year general practice residency at the Richmond Veterans Administration Hospital, followed by a two year residency in Prosthodontics at Wadsworth VA Hospital in Los Angeles, CA. He trained in maxillofacial prosthetics at M.D. Anderson Hospital and Tumor Institute in Houston, TX, in 1973. He joined the University of Texas, San Antonio, in 1975 and became Professor and Head of the Maxillofacial Prosthetics Division in the Department of Prosthodontics. Dr. Parel is a Diplomate of the American Board of Prosthodontics and a member of many professional organizations. He has been Course Director for Osseointegration training at UTHSC, one of the four original Branemark training centers in the United States. He has contributed to multiple textbooks as well as authoring over 45 articles in the scientific literature. He was editor and co-author of Esthetics and Osseointegration, a landmark reference source for implant dentistry, and recently authored a second text on the Smiline System. Dr. Parel was cofounder of Osseointegration Seminars Incorporated, is a past president of the American Academy of Maxillofacial Prosthetics, and is currently President of the Academy of Osseointegration.



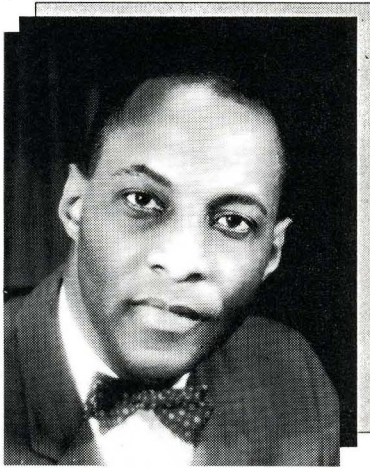
**Dr. Stephen G. Lewis**

### **MULTIPLE IMPLANT RESTORATIONS IN THE PARTIALLY EDENTULOUS PATIENT**

**Synopsis:** Osseointegrated implants revolutionized the treatment of the edentulous patient. As the benefits and success rates became clear, it was evident that this technology could also be applied to the partially edentulous patient population as well. One difficulty with this patient group, however, was the greater demand for esthetics. This presentation reviews the differences and increased esthetic demands of this patient population and the evolution which has occurred as osseointegrated implants began being utilized for the partially edentulous patient. The UCLA Abutment, titanium esthetic abutments, implant positioning, the use of provisionals, and soft tissue esthetics will be discussed in the fabrication of esthetic implant restorations.

**Curriculum Vitae:** Dr. Lewis received his B.A. and D.M.D. degrees from the University of Pennsylvania. He then received certificates in both Prosthodontics and Maxillofacial Prosthetics from the UCLA Medical Center, Los Angeles, CA. Dr. Lewis is currently an Associate Professor at UCLA School of Dentistry and co-director of the Maxillofacial Residency Program as well as the UCLA Implant Fellowship. He is a member of the American Dental Association, American College of Prosthodontists, the American Academy of Osseointegration, and a consultant for implant education for the American Academy of Oral and Maxillofacial Surgeons. He has authored numerous articles and book chapters and co-authored several texts on restoration of osseointegrated implants. Dr. Lewis has lectured throughout the United States, Canada, South America, Europe, and the Far East on osseointegration.





**Dr. Clifton O. Dummett**

**FEATURED LUNCHEON SPEAKER**

**ETHICS IN DENTISTRY**

Dr. Clifton O. Dummett was born in Georgetown, South Africa, the son of a dentist. He obtained his early education at Queens College in Georgetown. He earned Junior and Senior Certificates of the Joint Boards of Examiners of Oxford and Cambridge Universities. In 1936 he came to the US, took his pre-dental education at Howard University and obtained his DDS and an MSD in periodontics at Northwestern University, Chicago, IL. He taught periodontics at Meharry College of Dentistry, where he became Professor of Periodontics and, at age 28, became the youngest Dental School Dean in the US. An early interest in public health led to a Rosenwald Fellowship and an MPH degree from the University of Michigan. He composed the first and only Dental Health Section sponsored resolution on research on periodontal disease which was adopted in 1954 by the American Public Health Association. He served the U.S. Air Force and is a retired Lt. Col., USAF. He joined the University of Southern California faculty in 1966 as Dental Director of the USC Watts Health Center. He rose to Associate Director and then to Health Center Director, becoming the first Dentist to head an OEO Health Center. He later became Professor and Chairman of the Department of Community Dentistry and Associate Dean at USC School of Dentistry. Dr. Dummett is past president of the LA Dental Society, the American Academy of the History of Dentistry, and the American Association of Dental Editors. He was chief of Dental Service at the VA Centers in Chicago, IL, and in Tuskegee, AL. A prolific writer, Dr. Dummett has authored several books and co-authored numerous others with his wife, Lois. He has received many awards, including: the Alfred C. Fones Gold Metal of Connecticut, Merit Award from Northwestern University, Wm. J. Gies Editorial Award, American Association of Dental Editors Distinguished Service Award, Pierre Fauchard Academy Gold Metal, Hayden/Harris Award from the American Academy of the History of Dentistry, John W. Knutson Distinguished Service Award from the American Public Health Association, and the Wm. J. Gies Award from the American College of Dentists. He is also an Honorary Member of the American Dental Association and holds Honorary Doctorate in Science Degrees from Northwestern University and the University of Pennsylvania.

**ANNUAL ACADEMY LUNCHEON**

***PRESENTATION OF THE  
TYLMAN AWARD FOR 1994***

**First Place Winner: Dr. Syed Faheem Rasool**

Harvard School of Dental Medicine, Dept. of Prosthetic Dentistry

*Title: "Determination of Residual Stresses of  
Ceramometal alloys by X-ray Diffraction"*

Sponsor: Dr. Stephen D. Campbell

**Second Place Winner: Dr Francois Gagon**

Medical College of Georgia, Augusta, GA

*"Endotoxix Adhesion to and Release from Provisional Resins"*

Sponsor: Dr. Kent L. Knoernschild

**Third Place Winner: Dr. Paul W. Wilkes**

University of Oklahoma, Oklahoma City, OK

*"Effect of Resistance Form on bonding Strength of Resin Retained Castings"*

Sponsor: Dr. Herbert T. Shillingburg

***PRESENTATION OF NEW MEMBERS***

***PRESENTATION OF THE GEORGE H. MOULTON AWARD  
FOR***

***"OUTSTANDING ACHIEVEMENT IN THE ART AND  
SCIENCE OF FIXED PROSTHODONTICS"***

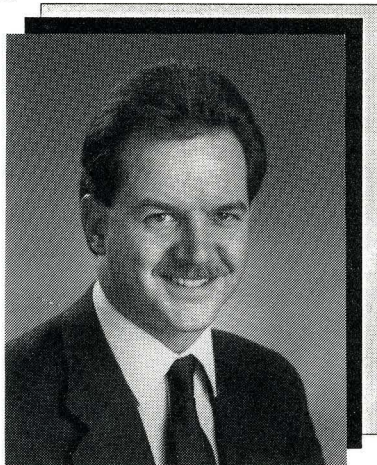
**1994 Recipient**

**Dr. Robert J. Nelson  
Swansboro, NC**

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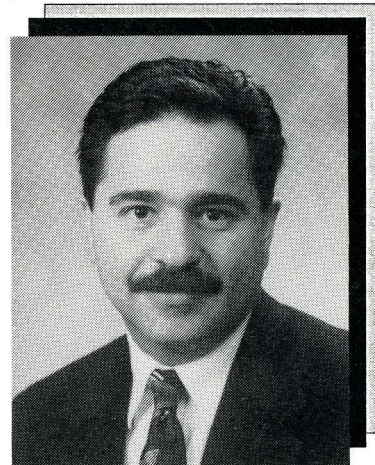


**Dr. Frank M. Spear**

**FACIALLY GENERATED TREATMENT PLANNING:  
A Planned Approach to Integrating Esthetics and  
Function**

**Synopsis:** Patients with debilitated dentitions present some of the most challenging treatment planning problems in dentistry. We must make decisions regarding occlusion, phonetics, esthetics, and structural durability of our restorations. This presentation is designed to provide a scientifically based, logical approach to the management of these patients. Pertinent examination findings regarding occlusal habits, speech, and esthetics will be integrated to develop a correct diagnosis and ultimate treatment plan. This plan also integrates when it is appropriate to alter vertical dimension, perform crown lengthening, or do elective endodontics with subsequent foundation restorations. Long term complications of treating these patients, and which patients to look out for, will also be discussed.

**Curriculum Vitae:** Dr. Spear received his DDS degree, certificate in Periodontal Prosthodontics, and MSD degree from the University of Washington School of Dentistry, Seattle, WA. He maintains a private practice limited to fixed prosthodontics in Tacoma, WA, and is a Clinical Associate Professor at the University of Washington. He is a member of the American Academy of Esthetic Dentistry and the Academy of Restorative Dentistry, as well as the Pierre Fauchard Academy and the International College of Dentists. Dr. Spear devotes 30 percent of his time to teaching. He has lectured to the American Academies of Periodontics, Esthetic Dentistry, Restorative Dentistry, and Fixed Prosthodontics. He co-founded Creating Restorative Excellence, Inc., which has developed a comprehensive didactic and clinical teaching program. In addition he is the section editor on esthetic dentistry for Quintessence International. In 1993, Dr. Spear received the Christensen Award from the Chicago Dental Society for excellence in Restorative education.



**Dr. John C. Kois**

**ALTERING GINGIVAL LEVELS:  
THE RESTORATIVE CONNECTION**

**Synopsis:** The surgical support necessary to alter the dento-gingival complex has been over simplified. The request from the restorative dentist to merely crown lengthen #6-#11 is inadequate communication. Blending the mechanical prerequisites, the biological aspects and the esthetic parameters will provide a more enlightened selection of therapeutic alternatives. This program will focus on the thought process necessary to establish predictable combined periodontal restorative results.

**Curriculum Vitae:** Dr. Kois is a graduate of the University of Pennsylvania, School of Dental Medicine and received his certificate and MSD in 1982 from the University of Washington, School of Dentistry. He is an Assistant Professor in the Graduate Prosthodontics Program at the University of Washington. His dental affiliations include membership in the American Academy of Restorative Dentistry, the American Academy of Esthetic Dentistry and the International College of Dentists. Dr. Kois has published articles in the Journal of the American Dental Association and Dental Economics as well as being a reviewer for the International Journal of Prosthodontics. Dr. Kois continues to lecture internationally as well as maintaining an active private practice limited to prosthodontics in Tacoma, WA.





**Dr. Terry T. Tanaka**

### **ANATOMY FOR DENTAL IMPLANT PROCEDURES**

**Synopsis:** Inadequate support due to poor site selection is one of the principal causes of dental implant failure. The clinician, therefore must have a clear understanding of the underlying anatomy. Dr. Tanaka's videotaped presentation will demonstrate the anatomy of the maxilla and the mandible using bone and tissue sections, x-rays, and 3-D bone models. Indications for ridge augmentation and interesting dissections of the mental foramen region and sinus membrane tenting procedures will also be highlighted. The following factors will be explored: Comparison of the general ridge as seen clinically, compared to the actual bony support; Accuracy of 3-D bone models and imaging techniques: Sinus membrane or "tenting procedures"; Demonstration showing that the buttressing areas in the sinus are mostly cartilage and, therefore, a poor support.

**Curriculum Vitae:** Dr. Tanaka is currently Clinical Professor and Director of the TMJ and Facial Pain Clinic at the University of Southern California School of Dentistry. He also maintains a private practice in Chula Vista, CA. Dr. Tanaka is a Fellow of the American College of Dentists, the International College of Dentists, the Academy of Dentists International, and the Academy of General Dentistry. He has numerous publications and textbook chapters and is the author and producer of the educational videotape series on TMJ anatomy, TM Disorders and Occlusion. The video tapes are used in over 40 dental schools and teaching programs throughout the United States, Canada, Europe and Asia. Dr. Tanaka has served on the American Dental Association President's Conference on TM Disorders and in 1991 was awarded the prestigious "Award of Distinction" from the Academy of Dentistry International for his outstanding and significant contributions in furthering continuing education throughout the world. He has served on the Examining Committee of the California State Board of Dental Examiners and as a member of the Research and Education Committee, California Dental Association. Dr. Tanaka is internationally recognized as a researcher and lecturer on oral rehabilitation, as well as on TMJ anatomy and pain disorders of the head, neck and temporomandibular joint. He has lectured extensively throughout the world on occlusion and TM Dysfunction, including teaching the Full Mouth Rehabilitation Waxing and Advanced Remount Course with the late Peter K. Thomas.



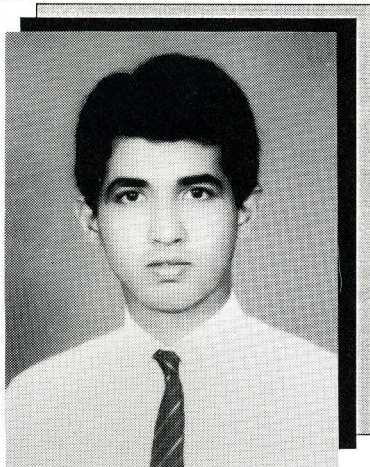
**Dr. Gordon J. Christensen**

### **FIXED IMPLANT PROSTHODONTICS**

**Synopsis:** There is evidence to show that mature people in the US now have nearly three times more remaining natural teeth than thirty years ago. However, major emphasis in implant prosthodontics has been directed toward edentulous patients. Although nearly 30 years of research is present in the area of fixed-detachable implant prosthodontics, there are many unanswered questions relative to fixing implant prostheses into the mouth over root form implants with provisional or final cementing agents. This presentation will include: treatment planning; determining teeth to be retained; selection of abutment type; impressions; interocclusal records; broken stress; occlusion; materials for occlusal surfaces; selection of cements; maintenance and salvage of failed cases. Pragmatic, useful topics will be emphasized.

**Curriculum Vitae:** Dr. Christensen is Founder and Director of the Clinical Research Associates, which conducts research on dental materials, and of Practical Clinical courses, established in 1981 as a career development program for dentistry. Dr. Christensen spent 13 years as a full time educator, serving as a Professor, Department Chairman, and Associate Dean. Currently he is an Adjunct Professor at Brigham Young University and a Clinical Professor at the University of Utah. He has lectured throughout the world for many years and has published widely. Dr. Christensen received his DDS degree from the University of Southern California, MSD from the University of Washington, and PhD degree from the University of Denver. He is a Diplomate of the American Board of Prosthodontics, and a Fellow in The American College of Dentists, International College of Dentists, Academy of General Dentistry (Honorary), and the Royal College of Surgeons of England. He is also a member of the American Academy of Esthetic Dentistry, International Association of Dental Research, Academy of LDS Dentists, American Academy of Restorative Dentistry, American Academy of Fixed Prosthodontists, and the Academy of Osseointegration.





**Dr. Syed Faheem Rasol**

**TYLMAN RESEARCH GRANT  
AWARD WINNER**

**TITLE**

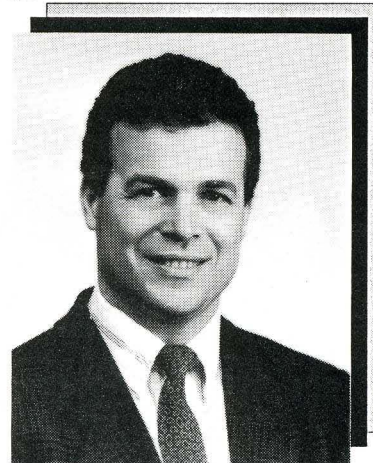
**"Determination of Residual Stresses of  
Ceramometal Alloys by X-ray Diffraction"**

**By**

**Dr. Syed Faheem Rasol  
Harvard School of Dental Medicine  
Department of Prosthetic Dentistry  
Boston, MA**

*Faculty Sponsor*

**Dr. Stephen D. Campbell  
Professor & Head, Department of Restorative Dentistry  
University of Illinois  
Chicago, IL**



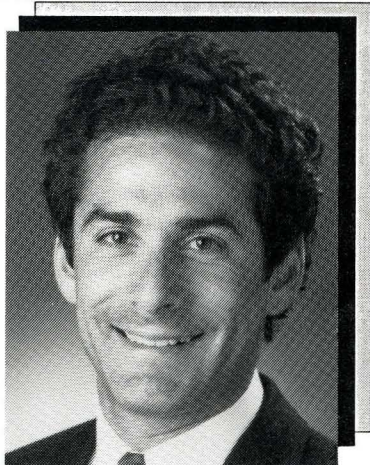
**Dr. Gerald Scortecchi**

**STRUCTURE<sup>®</sup> IMPLANTS and DISKIMPLANTS<sup>®</sup>;  
STATE OF THE ART BONE-ANCHORED FIXED  
PROSTHODONTICS IN THE EUROPEAN COMMUNITY**

**Synopsis:** Statistical analysis of results after more than 20 years of clinical application of osseointegrated titanium artificial roots (dental implants), reveals considerable differences depending on whether they are used in the region between the mental foramina or in other areas. It must be kept in mind that the human model, the upper molar, which has three roots acting like a tripod, is firmly anchored in the cortical buccal plate and palatine bone. In addition, a highly differentiated dental ligament apparatus with its own hydraulic system connected to the brain by a complex and sophisticated proprioceptive mechanism reduces or eliminates overloading during function or parafunction. Owing to the extreme rigidity of the one-piece osseointegrated unit compared to the natural abutment, one of the unexpected events that both patients and dentists have to face today is the cost of maintenance of the necessary mechanical components, including fracture of prosthetic teeth, fracture or loosening of retaining screws, fracture of abutments, fracture of the body of the implant itself, etc. Increasing reports of such problems are found in the literature. Five years ago, a multicenter study including surgeons, prosthodontists, and manufacturers was initiated in order to improve the original components developed 25 years ago for use in the lower anterior region. Statistical results of this European multicenter project, including analysis of clinical applications of micro-threaded Structure<sup>®</sup> implants and tricortical Diskimplants<sup>®</sup> with new emergence and cosmetic abutments will be presented.

**Curriculum Vitae:** Dr. Gerald Scortecchi is a native of Nice, France, where he maintains an active private practice in implant prosthodontics. He is the inventor of the Diskimplant and Structure dental implant systems. He has lectured extensively in Europe, the United States, Canada, and Israel. Dr. Scortecchi is a Visiting Professor at New York University and teaches implantology at a number of major universities in Europe.





**Dr. James M. Stein**

### **NATURAL TEETH AND UNNATURAL IMPLANTS**

**Synopsis:** The standard by which the restoration of form and function are evaluated should be the same for natural vs. implant supported teeth. Unfortunately, the reality of the prosthodontic diagnosis and treatment may vary greatly, dependent upon the periodontal status and the desired esthetic goal. Techniques will be presented to enhance the achievement of our potential results.

**Curriculum Vitae:** Dr. James M. Stein earned his BA degree (1980), his DMD degree (1985), and his certificate in Prosthodontics (1987) from Boston University School of Graduate Study. He maintains a private practice limited to prosthodontics in Boston, MA. He is a Clinical Instructor at Boston University School of Graduate Study and a lecturer at the Institute for Advanced Dental Studies and Harvard School of Dental Medicine. He is a member of the American College of Prosthodontists, American Dental Society, Greater Boston Dental Society, and The Brookline Dental Society. Dr. Stein is a Board Eligible Prosthodontist, having completed Part I of the examination for the American Board of Prosthodontics. Dr. Stein's awards include: the Pierre Fauchard Academy Award, OKU, Academy of Operative Dentistry Award, Department of Biomaterials Award, Densply Fixed Prosthodontics Award, and the Quintessence Publishers Award in Periodontics. He has published in the Journal of Periodontics and Restorative Dentistry and Les Cahiers De Prothese. Dr. Stein has lectured extensively throughout the United States and in Europe.



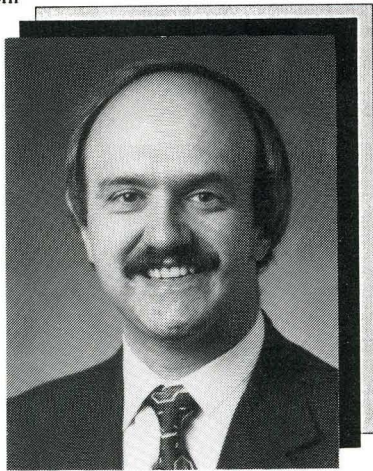
**Dr. William Becker**

### **BONE PROMOTION AROUND IMPLANTS PLACED INTO IMMEDIATE EXTRACTION SOCKETS: WHAT DOES IT MEAN AND CAN IT FUNCTION UNDER LOAD?**

**Synopsis:** This decade has seen an explosion of research relating to promoting bone around dental implants. This presentation will present animal and clinical data relating to the use of these procedures as methods for enhancing bone formation around dental implants. Furthermore, the rationale and clinical guidelines for immediate implant placement will also be presented.

**Curriculum Vitae:** Dr. William (Bill) Becker graduated from Marquette University School of Dentistry in 1961 and completed his specialty training in Periodontology at Baylor College of Dentistry, Dallas, TX. He is a Diplomate of the American Board of Periodontology. Dr. Becker is a Fellow of the American College of Dentists and a member of the National Academy of Practitioners. He is an Assistant Professor of Periodontology at the University of Southern California, School of Dentistry and a Clinical Professor at the University of Texas at Houston. He is engaged in clinical research relating to guided tissue regeneration for natural teeth and dental implants and is in full time private practice in Tucson, AZ.



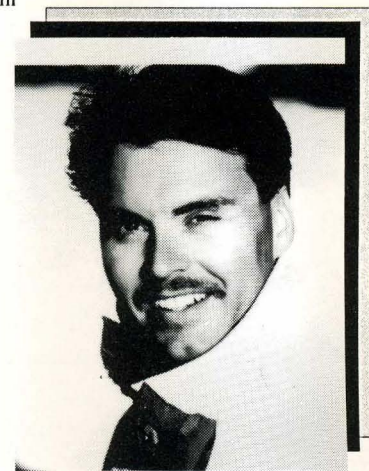


**Dr. Carl Drago**

### **CLINICAL AND LABORATORY ASSESSMENTS FOR PREDICTABLE FIXED PROSTHODONTICS**

**Synopsis:** Fixed Prosthodontic therapy demands constant, critical attention to detail. A complete physical and radiographic examination is required to define the pathology that is present prior to establishing the correct diagnosis(es). Treatment planning involves developing a prognosis for individual teeth and the entire dentition as a unit prior to outlining the specifics of treatment with potential options. The dentist must continually evaluate both clinical and laboratory aspects of treatment. The laboratory technician shares responsibility with the dentist in the laboratory aspects of prosthodontic treatment. Too often, laboratory technicians are given a greater share of the responsibility for failures and not enough credit for the successes in fixed prosthodontics. Optimal prosthodontic treatment is the joint responsibility of the dentist and the laboratory technician. This lecture will illustrate, by case studies, examples of successful and unsuccessful prosthodontic treatment.

**Curriculum Vitae:** Dr. Carl Drago is a staff prosthodontist at Gunderson Clinic, Ltd. He is a Diplomate of the American Board of Prosthodontics and a Fellow of the American College of Prosthodontists. Dr. Drago has published numerous articles in the prosthodontic literature and has served as a reviewer for several journals. Dr. Drago has lectured throughout the United States, Canada, and Nicaragua.



**Dr. Robert Winter**

### **VISUALIZING THE NATURAL AND ARTIFICIAL DENTITION**

**Synopsis:** At a time when the patients cry for greater esthetics grows even louder, it is easy to forget the solid fundamentals that brought us to this point. There is no magic to creating life-like restorations. Natural esthetics is the result of basic principles performed well. Developing a reputation for the creation of beautiful smiles will enhance your patient's desire for the dentistry they need. The inter-relationship between the periodontist, restorative dentist and the laboratory technician will be emphasized. Also, to be discussed will be the influence of restorative materials on the tooth and gingival tissue. A variety of clinical situations will be reviewed.

**Curriculum Vitae:** Dr. Robert Winter has maintained a private practice limited to prosthodontics since completing his specialty training in 1983 at the VA Medical Center in Milwaukee, WI. He has taught at Marquette University School of Dentistry and he was a consultant to the VA Medical Center's graduate prosthodontic residency program. He is a Visiting Professor at the University of Southern California and he has lectured and given hands-on courses throughout the United States and in over 20 countries around the world. Dr. Winter shares his knowledge on clinical procedures as well as technical procedures, in particular on ceramics. Dr. Winter has published articles in various journals and contributed a Chapter to the 3rd Edition of "Traumatic Injuries to the Teeth". He is a member of the American College of Prosthodontists, the International College of Dentists, The American Academy of Restorative Dentistry, and the American Academy of Esthetic Dentistry.