

**THE AMERICAN ACADEMY  
OF FIXED  
PROSTHODONTICS**



**FORTY SECOND ANNUAL MEETING**

**FEBRUARY 19, 20, 1993**

**CHICAGO MARRIOTT HOTEL  
CHICAGO, ILLINOIS**

## 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.

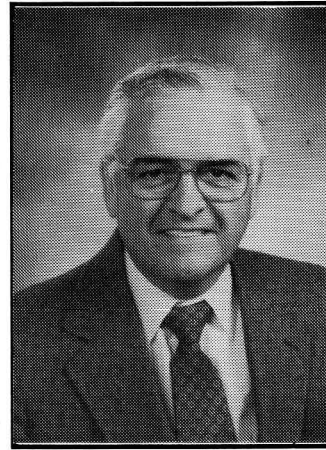
The purpose of this organization is to achieve, by mutual study and cooperation, activities reflecting a high and ethical standard of practice as well as teaching and research in the art and science of fixed prosthodontics.

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 492 members, life members, and honorary members in 20 countries throughout the world.

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 fixed prosthodontics.

*Jesse T. Bullard*



### PRESIDENT'S MESSAGE

**WILLIAM L. NEQUETTE, D.D.S., F.I.C.D., F.A.C.D.**

It is a great pleasure to have this opportunity to welcome members, guests, clinicians and exhibitors to the forty-second consecutive meeting of the American Academy of Fixed Prosthodontics.

Co-Charimen, Gerald Ziebert and Francis Panno, have arranged National and International speakers to present clinical and scientific research in Fixed Prosthodontics.

The Officers and Directors of the Academy as well as myself wish that you enjoy the social and scientific events of this year and that the knowledge received be shared with others.

## 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. Zieger .....	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

\* deceased

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R3T 3K9, Canada  
O: (204) 788-6594  
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Fax: (204) 888-4113

5.

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Bob Staffanou, alternate

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OF PROS 21**

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Albert Kazis

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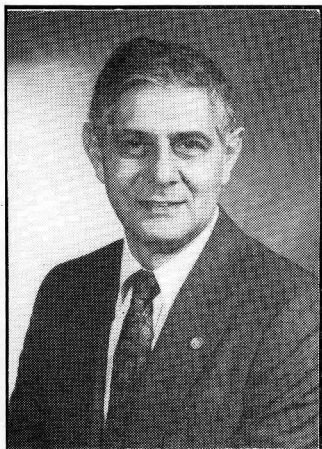
Dave Seitlin, Chmn  
Harvey Colman  
Ron Woody  
Don Garver, ex officio

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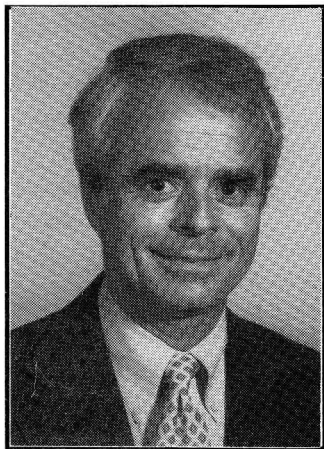
**ANNUAL MEMBERSHIP  
DINNER AND BUSINESS MEETING  
THURSDAY, FEBRUARY 18, 1993**

5:00 P.M.	Early Registration
6:30 P.M.	Foyer, 7th Floor Foyer
6:00 P.M.	Cocktail Reception
6:45 P.M.	5th Floor Chicago Ballroom (Active Members Only)
6:45 P.M.	Annual Membership Dinner 5th Floor Chicago Ballroom (Active Members Only)
7:45 P.M.	Annual Business Meeting 5th Floor Chicago Ballroom (Active Members Only)
	President's Message
	Committee Reports
	Old Business • New Business
	Nomination and Election of Officers

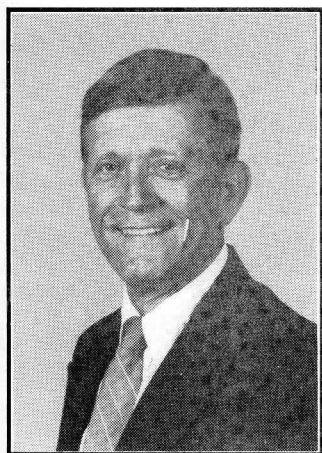
## PROGRAM COMMITTEE



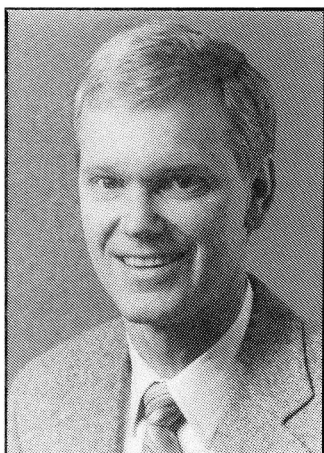
**Francis V. Panno**  
Co-Chairman  
1993



**Gerald J. Ziebert**  
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1993



**William D. Culpepper**  
Ex Officio  
Chairman 1992



**David W. Eggleston**  
Chairman  
1994

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## PROGRAM SYNOPSIS

### FRIDAY, FEBRUARY 19, 1993

### SALON I AND II, 7th FLOOR

## ANNUAL SCIENTIFIC SESSION '93

- |                         |   |
|-------------------------|---|
| 7:00 A.M. - 8:00 A.M.   | Registration and Continental Breakfast<br>Exhibits, Salon III & Foyer, 7th Floor  |
| 8:00 A.M. - 8:15 A.M.   | Presidential Greetings and Introduction of New Members<br><i>President William L. Nequette</i>  |
| 8:15 A.M. - 9:15 A.M.   | "Degenerative Arthritis of the Temporomandibular Joint: Some Science and Lots of Anecdotes"<br><i>Dr. George A. Zarb</i>  |
| 9:15 A.M. - 10:15 A.M.  | "Dental Occlusion and Jaw Biomechanics"<br><i>Dr. Alan G. Hannam</i>  |
| 10:15 A.M. - 10:45 A.M. | Coffee Break<br>Exhibits - Salon III, 7th Floor   |
| 10:45 A.M. - 11:45 P.M. | "In the Light of Nature"<br><i>Mr. Claude Sieber</i>  |
| 11:45 P.M. - 1:30 P.M.  | Luncheon<br>5th Floor, Chicago Ballroom<br>Speaker: <i>Mr. Al Clark</i><br>American League Umpire<br>George Moulton Award Presentation<br>Tylman Research Grant Award * + |
| 1:30 P.M. - 2:30 P.M.   | "Microsurgery: News Horizons in Periodontics"<br><i>Dr. Dennis A. Shanelec</i>  |
| 2:30 P.M. - 3:30 P.M.   | "Resin Cements: Future for Restorative Dentistry"<br><i>Dr. John A. Sorensen</i>  |
| 3:30 P.M. - 4:00 P.M.   | Coffee Break<br>Exhibits - Salon III, 7th Floor   |
| 4:00 P.M. - 5:00 P.M.   | "Implants: Persistent Precision Provides Predictable Prognosis"<br><i>Dr. Graham E. White</i>   |
| 5:00 P.M. - 6:30 P.M.   | Annual Cocktail Reception +<br>No Host Bar<br><i>Members and Guests Invited!!</i><br>5th Floor, Chicago Ballroom  |

- \* Corporate Sponsor: The Whip-Mix Corporation, Louisville, KY  
+ Corporate Sponsor: Brasseler USA, Savannah, GA

9.



**PROGRAM SYNOPSIS  
SATURDAY, FEBRUARY 20, 1993  
SALON I AND II, 7th FLOOR**

**ANNUAL SCIENTIFIC SESSION '93**

- 7:00 A.M. - 8:30 A.M. Registration and Continental Breakfast  
Exhibits, Salon III, 7th Floor
- 8:30 A.M. - 9:30 A.M. "Esthetic Fixed Prosthodontics: Science or Intuition"  
*Dr. Gerard J. Chiche*
- 9:30 A.M. - 10:30 A.M. "About Single Units, Abutments, Interlocks, Implants, and Experts"  
*Dr. Maurice H. Martel*
- 10:30 A.M. - 11:00 A.M. Coffee Break  
Exhibits, Salon III, 7th Floor
- 11:00 A.M. - 12:00 P.M. "Esthetic, Single Tooth Restorations: A Perio-Prosthodontic Challenge"  
*Dr. Jorge R. Strub*
- 12:00 P.M. - 1:30 P.M. LUNCH - ON YOUR OWN TODAY!!  
Exhibits Open, Salon III, 7th Floor
- Past Presidents and Charter Member's Luncheon - Room 4608  
*Officers and Directors Invited*
- 1:30 P.M. - 2:30 P.M. "Peri-Implant Mucosa: Clinical Response and Epithelial Cell Composition"  
*Dr. Robert P. Carmichael*
- 2:30 P.M. - 3:30 P.M. "Restoring the Pulpless Tooth: A Changing Philosophy"  
*Dr. Dan Nathanson*
- 3:30 P.M. - 4:30 P.M. "You Too Can Have Teeth Like Mine"  
*Dr. Graham E. White*
- 4:30 P.M. Closing Remarks  
*President William L. Nequette*

**ADJOURNMENT OF THE FORTY-SECOND ANNUAL  
SCIENTIFIC SESSION**

Reserve Speaker:

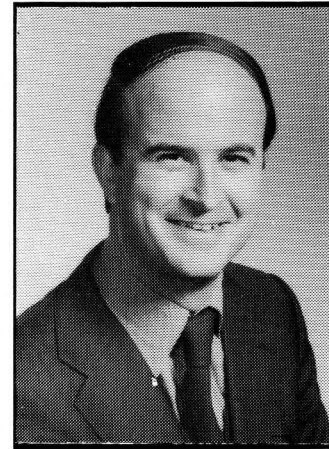
*Dr. Gerald Barrack\**

"The Restorative Consultation: One Man's Opinion of the Team Approach to Implant Dentistry"

\* (To speak in case of one of the above speakers becomes incapacitated and unable to participate)

10.

February 19, 1993  
8:15 A.M. - 9:15 A.M.



**"DEGENERATIVE ARTHRITIS OF THE  
TEMPOROMANDIBULAR JOINT: SOME SCIENCE  
AND LOTS OF ANECDOTES"**

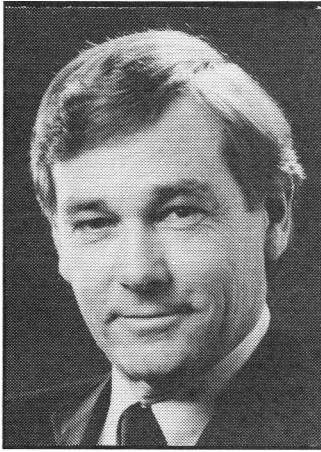
**George A. Zarb, B.Ch.D. (Malta), DDS, MS  
(Michigan), MS (Ohio), FRCD (C), Dr. Odont. (HC)**

**SYNOPSIS:** The fascinating area of Temporomandibular Disorders has been long on anecdote and short on science. This realization has not deterred the profession from rationalizing therapeutic solutions for perceived problems, often ending up with treatment methods in search of a disease. This presentation will focus on the specific conditions of Degenerative Arthritis of the TMJ and will seek to reconcile traditional concerns with evolving research information.

**CURRICULUM VITAE:** Dr. Zarb is Professor and Chairman of Prosthodontics at the University of Toronto, School of Dentistry. He is consultant to the Dental Department, Mt. Sinai Hospital; consultant to the Facial Treatment and Research Centre, Hospital for Sick Children, Toronto; and a Member of the School of Graduate Studies, University of Toronto. Dr. Zarb has lectured both nationally and internationally. He has authored numerous papers on different aspects of Prosthodontics and has co-authored ten textbooks and contributed chapters to several others. He is currently involved in research in the field of Osseointegrated implants and the treatment of TMD. He is a teacher and practitioner of Prosthodontics in Toronto.

11.

February 19, 1993  
9:15 A.M. - 10:15 A.M.



**"DENTAL OCCLUSION OF JAW MECHANICS"**

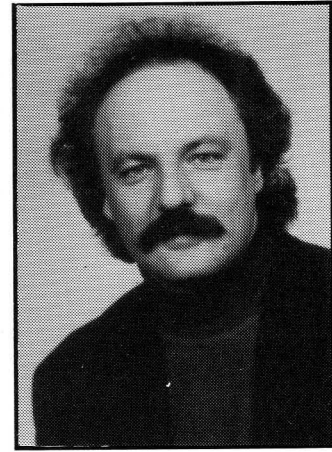
**Allan G. Hannam, B.D.S., PhD, F.D.S., R.C.S.**

**SYNOPSIS:** During function, activity within and between the jaw muscles varies according to the occlusal task attempted. It also depends on the three-dimensional architecture of muscle, occlusal surfaces, and the temporomandibular articulation. The system is highly individualized for each subject, and is governed by strict static and kinematic principles familiar to mechanical engineering. This presentation reviews current findings in the field of jaw biomechanics, and addresses the role of dental occlusion. It suggests that functional analyses may be more useful in understanding any link between the teeth and musculoskeletal disorders than observations of static tooth relationships.

**CURRICULUM VITAE:** Dr. Hannam is Professor of Oral Biology and Director for Graduate and Postgraduate Studies, Faculty of Dentistry, University of British Columbia. His teaching and research interests are in oral neurophysiology, neuromuscular control, jaw biomechanics, and dental occlusion. Dr. Hannam's publications include original research articles, major reviews, and contributions to textbooks on anatomical and functional correlates in the human masticatory system.

12.

February 19, 1993  
10:45 A.M. - 11:45 A.M.



**"IN THE LIGHT OF NATURE"**

**Mr. Claude Sieber**

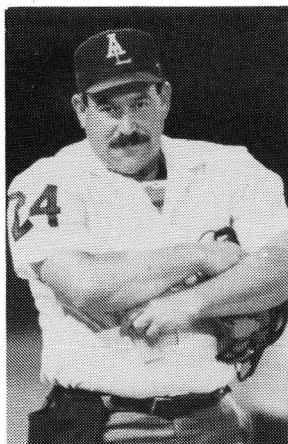
**SYNOPSIS:** Mr. Sieber will discuss the aspects of light as it effects tooth contours and surfaces. He will also discuss the new generation of porcelains, Vita's Omega and Alpha opalescent porcelain systems. He will also show clinical results of his application of the above principles.

**CURRICULUM VITAE:** Mr. Sieber administers his exclusive Dental Studio in Basel, Switzerland. He focuses a special interest on anterior tooth replacement and has a very prestigious European clientele. He is well known for his photography of the fine arts and is part of an intimate fraternity possessing the ability to produce resourceful sectional views of tooth facettes. Mr. Sieber studied with Dr. Olympia Pinto in South America on natural tooth simulation and is involved with research and development for Vita Zahnfabrik.

13.

February 19, 1993  
11:45 A.M. - 1:30 P.M.

**AMERICAN ACADEMY OF FIXED  
PROSTHODONTICS  
ANNUAL ACADEMY LUNCHEON**



**LUNCHEON SPEAKER**

**MR. AL CLARK**  
**American League Umpire**

Mr. Clark has been a baseball umpire since 1972. He has umpired in the American League since 1978. He has umpired not only routine league games but Division Playoff Games, League Championship Series Games, the 1984 All-Star game, and two World Series. In 1992 he umpired the American League Championship Series between the Toronto Blue Jays and the Oakland A's. He umpired the famous 1989 World Series between the Oakland A's and the San Francisco Giants.

Mr. Clark will relate some of his experiences as a major league umpire and the umpire's life on the road. He will also relate some of his experiences in umpiring outside the United States.

14.

February 19, 1993 — *continued*  
11:45 A.M. - 1:30 P.M.

**TYLMAN AWARD PRESENTATION\***  
**1993 COMPETITION WINNER**

**"TENSILE STRENGTH AND POROSITY OF SOLDER  
JOINTS FORMED UNDER VACUUM AND  
NON-VACUUM"**

**DR. LOUIS D. MENEGOTTO**  
Guelph  
Ontario, Canada

**SPONSOR:**  
**DR. GERALD N. GRASER**  
Director, Graduate Prosthodontics  
Eastman Dental Center  
Rochester, NY

**THE GEORGE H. MOULTON  
ACHIEVEMENT AWARD PRESENTATION  
1993 RECIPIENTS**

**DR. MAX KORNFELD**  
St. Louis, MO

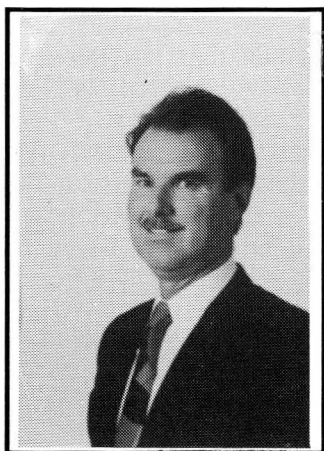
**DR. ERNEST B. NUTTALL**  
Towson, MD

\*The American Academy of Fixed Prosthodontics would like to express its appreciation to the Whip-Mix Corporation, Louisville, KY, and to Brasseler USA, Savannah, GA, for their generous corporate contribution to this research grant program.

15.



February 19, 1993  
1:30 P.M. - 2:30 P.M.



**"MICROSURGERY: NEW HORIZONS IN  
PERIODONTICS"**

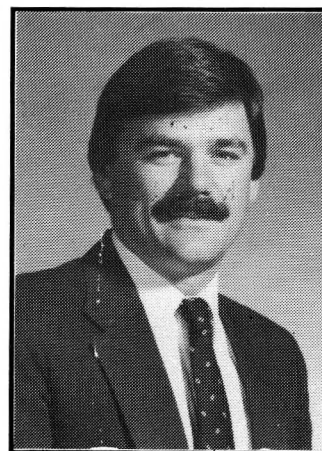
**Dennis A. Shanelec, DDS**

**SYNOPSIS:** Microsurgery may be broadly defined as refinement in operative technique by which visual acuity is improved through the use of magnification. It also implies an extension of surgical principles which emphasize exceedingly accurate and gentle handling of tissue. Microsurgery has revolutionized medicine and public acceptance of minimal-invasive therapy promises to have an important influence on dentistry. Microdentistry offers significant improvement in the accuracy of detailed work with ergonomic benefit in the comfort and health of the dental practice. Its application requires understanding interrelated optical principles which must be kept in harmony with physiological factors of vision. Dr. Shanelec will present the basic principles of microdentistry with emphasis on application in periodontics. An overview of magnification in dentistry will be discussed.

**CURRICULUM VITAE:** Dr. Shanelec is a 1969 graduate of the University of California at Los Angeles. He received his specialty training in periodontics at the University of Southern California in 1972. He has written and lectured widely on microdentistry and is regarded as an authority in the field of periodontal microsurgery. He is in private practice in Santa Barbara, California.

16.

February 19, 1993  
30 P.M. - 3:30 P.M.



**"RESIN CEMENTS: FUTURE FOR RESTORATIVE  
DENTISTRY"**

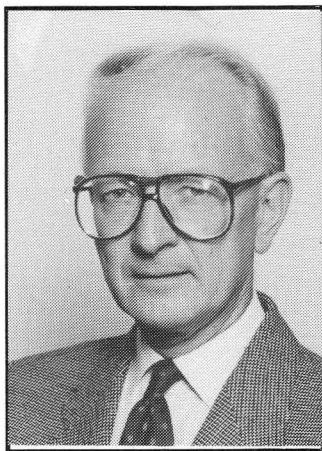
**John A. Sorensen, B.A., D.M.D.**

**SYNOPSIS:** Zinc phosphate remains the first choice of luting agents by clinicians. The attributes of the newer adhesive cements merit consideration for clinical practice. The advantages and disadvantages of these new cements are weighed. New research on microleakage and bond strength of dentin adhesives, traditional cements, and new resin cements are presented. Improved cementation techniques for adhesive ceramic restorations are offered.

**CURRICULUM VITAE:** Dr. Sorensen is an Associate Professor and Director of the University of California at Los Angeles and Veterans Administration Advanced Prosthodontics Program. He is a Diplomate of the American Board of Prosthodontics, a Fellow of the American College of Prosthodontics, a member of the American Academy of Fixed Prosthodontics, the Pacific Coast Society of Prosthodontics, the Academy of Prosthodontics, the American Association of Dental Research, and the International Academy of Dental Research. He maintains a practice limited to prosthodontics. He is actively involved in dental research and has authored many publications.

17.

February 19, 1993  
4:00 P.M. - 5:00 P.M.



**"IMPLANTS: PERSISTENT PRECISION PROVIDES  
PREDICTABLE PROGNOSIS"**

**Graham E. White, M.Med. Sci., PhD, C.G.I.A.**

**IMPLANT SYNOPSIS:** Osseointegration is not inviolate! That which careful fixture installation, uneventful healing and patient cooperation can achieve can be undermined by defective dental technology. Prostheses must have a passive connection with their supporting implants. Methods of casting one-piece, accurately fitting prostheses will be presented and the criteria for their assessment defined. An explanation for apparently random gold and titanium screw loosening and fracture, accelerated bone loss and fixture fracture will be discussed in relation to casting accuracy and quality of manufactured implant parts.

**CURRICULUM VITAE\*:** Dr. Graham E. White is one of the few practicing dental technicians in the world with both Doctorate and Master of Medical Science degrees. A full time teacher of Dental Technology at the University of Sheffield, England, he is a past Chief Examiner in Dental Technology for the United Kingdom and eight other countries. He has given more than 100 invited lectures throughout the world.

*\*See February 20, 1993, 3:30PM - 4:30PM*

18.

February 20, 1993  
8:30 A.M. - 9:30 A.M.



**"ESTHETIC FIXED PROSTHODONTICS: SCIENCE  
OR INTUITION"**

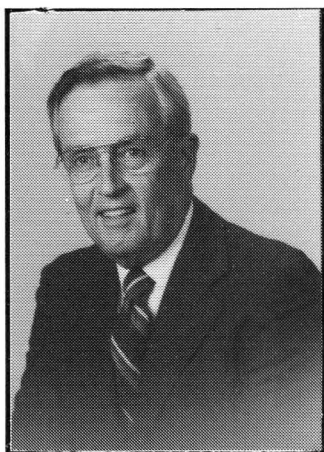
**Gerard J. Chiche, DDS**

**SYNOPSIS:** In this era of fitness and elegance, an artistic awareness combined with new technical sophistication must be very rapidly developed by the practitioner. This presentation will analyze the scientific validity and artistic basis of fundamental esthetic principles as applied to Fixed Prosthodontics, and especially in relation to Esthetic Periodontics. A systematic, step-by-step approach for solving esthetic problems with method and with improved communication with the periodontist and the dental laboratory will be proposed.

**CURRICULUM VITAE:** Dr. Chiche graduated from the University of Paris Dental School in 1977 and completed his Prosthodontic Specialty Training at Louisiana State University in 1980. He is currently Professor of Fixed Prosthodontics at LSU, where he maintains an intramural restorative practice devoted to Esthetics and Implants. He has lectured extensively, both nationally and internationally. He holds membership in the American Academy of Fixed Prosthodontics, the American Academy of Esthetic Dentistry, The International Society of Dental Ceramics, the Academy of Osseointegration, and Omicron Kappa Upsilon Honorary Dental Fraternity. Dr. Chiche and Alain Pinault have co-authored the textbook titled: *Essentials of Dental Ceramics, and Artistic Approach*.

19.

February 20, 1993  
9:30 A.M. - 10:30 A.M.



**"ABOUT SINGLE UNITS, ABUTMENTS,  
INTERLOCKS, IMPLANTS, AND EXPERTS"**

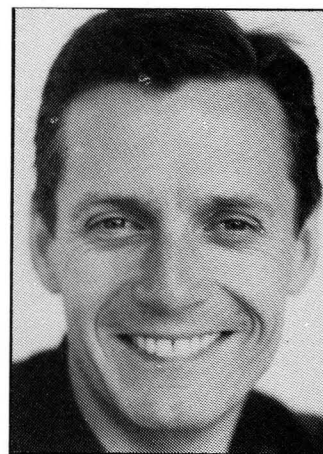
**Maurice H. Martel, DDS**

**SYNOPSIS:** Experiences in the practice of Fixed Prosthodontics have led each of us to certain realizations, experiences, and opinions. For example, how many abutments are ideal? How valuable is a periodontally or endodontically compromised tooth? Does recent cementing research effect our clinical judgment? How many abutments are optimum for a cantilever bridge? The use of interlocks, implants and occlusal design contributes to our clinical decisions. These items and numerous other topics will be addressed in the light of the experiences of eleven recognized expert dentists.

**CURRICULUM VITAE:** Dr. Martel is a graduate of Northwestern University Dental School and is in private practice in Holden, MA. He is a Clinical Professor of Restorative Dentistry, division of Graduate Prosthodontics, Tufts University School of Dentistry. He is past president of the American Academy of Fixed Prosthodontics and past president and founder of the Central New England Dental research Group. He has lectured nationally and internationally and has published in distinguished journals such as the International Journal of Prosthodontics, Quintessence International, and the Journal of Operative Dentistry. He is a Fellow of the American College of Dentists and the International College of Dentists.

20.

February 20, 1993  
11:00 A.M. - 12:00 P.M.



**"ESTHETIC, SINGLE TOOTH RESTORATIONS: A  
PERIO-PROSTHODONTIC CHALLENGE"**

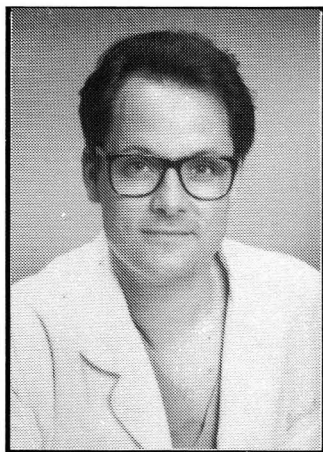
**Jorge R. Strub, DMD, PhD**

**SYNOPSIS:** Tooth loss can potentially create alveolar ridge defects. This acquired anatomy can be contributory to a poor final esthetic result, especially in the maxillary anterior region. To overcome this problem a comprehensive treatment modality is needed. This presentation will summarize the necessary clinical procedures for achieving an optimal result. It will include implant placement in combination with a teflon membrane, gingival plastic surgery before or after healing cap placement, contouring of the peri-implant soft tissue by modifying the healing cap, and abutment selection.

**CURRICULUM VITAE:** Dr. Strub received his DMD degree from the University of Zurich, Switzerland in 1975 and his PhD from the same institution in 1985. In 1978 he was appointed specialist for periodontics by the Suisse Society of Periodontics. From 1982 to 1983 he was a Visiting Professor at Tulane University, Department of Biomaterials and at LSU, Department of Dental materials. He was an Associate Professor and Co-director of Perioprosthodontics at the University of Zurich. Presently, Dr. Strub is Professor and Chairman of the Department of Fixed and Removable Prosthodontics at the Albert-Ludwigs University in Freiburg, Germany.

21.

February 20, 1993  
1:30 P.M. - 2:30 P.M.



**"PERI-IMPLANT MUCOSA: CLINICAL RESPONSE  
AND EPITHELIAL CELL COMPOSITION"**

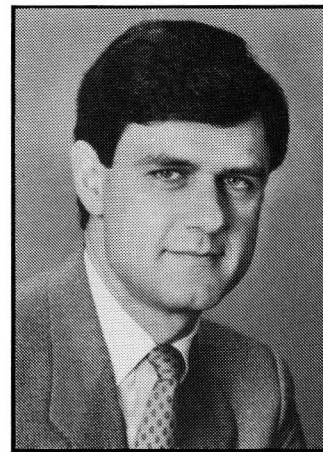
**Robert P. Carmichael, B.Sc., DMD, M.Sc.,  
M.R.C.D. (C)**

**SYNOPSIS:** In a 9 year study at the University of Toronto, of 238 osseointegrated dental implants in 46 edentulous jaws, traditional indices of periodontal health were unreliable indicators of peri-implant health. Immunohistochemical analysis of keratins and desmoplakins suggested that peri-implant junctional epithelium may be populated by cells found in sulcular epithelium around teeth. It is postulated that differences in cellular composition between peri-implant mucosa and gingiva may account for the different responses of these tissues to dental plaque.

**CURRICULUM VITAE:** Dr. Robert Carmichael trained in Vancouver, Zurich, and Toronto. He is prosthodontic consultant at the Hugh MacMillan Rehabilitation Centre and the Hospital for Sick Children in Toronto. He is an Associate Professor in Dentistry at the University of Toronto. His primary interest is the dental rehabilitation of patients with congenital and acquired anomalies.

22.

February 20, 1993  
2:30 P.M. - 3:30 P.M.



**"RESTORING THE PULPLESS TOOTH: A  
CHANGING PHILOSOPHY"**

**Dan Nathanson, DMD, MSD**

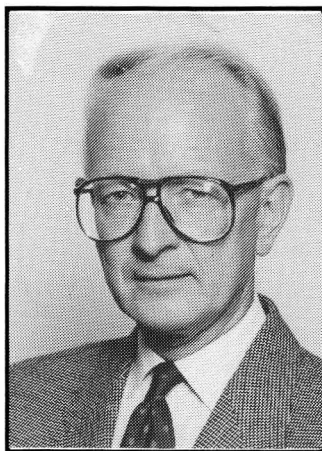
**SYNOPSIS:** It is common practice to restore and reinforce pulpless teeth with post and core restorations in order to counteract the mechanical limitations of these teeth after endodontic treatment. Custom fitted, cast post and cores are still considered the optimal mode of treatment, while prefabricated posts with various build-up materials offer additional options. In spite of the post and core used, failure rates of endodontically treated teeth are still higher than those of vital teeth. This presentation will take a critical look at the post and core restoration and reevaluate old premises against current research data. Based on clinical observations, computer stress analysis, and laboratory data, a new philosophy in post and core utilization will be suggested to optimize retention and minimize the risk of root fracture.

**CURRICULUM VITAE:** Dr. Nathanson is Professor and Chairman of the Department of Biomaterials and Assistant Dean for Continuing Education and External Affairs at Boston University Goldman School of Graduate Dentistry. Active in restorative materials research, Dr. Nathanson publishes extensively and lectures nationally and internationally.

23.



February 20, 1993  
3:30 P.M. - 4:30 P.M.



**"YOU TOO CAN HAVE TEETH LIKE MINE"**

**Graham E. White, M.Med. Sci., PhD, C.G.I.A.**

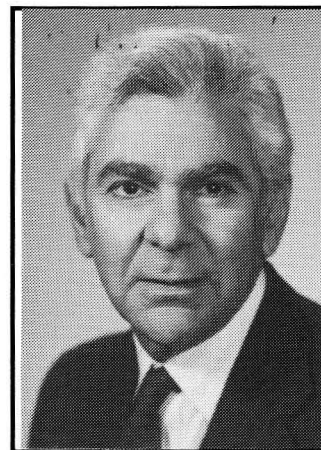
**SYNOPSIS:** The loss of teeth and their obviously false replacement can have a profound effect on patients. The avoidance of a defective appearance in otherwise sound clinical work is not a gift possessed only by a fortunate few. Simple and universal rules apply. The psychological aspects of dental appearance will be discussed, together with how a natural appearance may be routinely obtained.

**CURRICULUM VITAE:** See February 19, 1993, 4:00PM - 5:00PM

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**RESERVE CLINICIAN**

*(To speak if previously listed speakers are unavailable)*



**"THE RESTORATIVE CONSULTATION: ONE MAN'S  
OPINION OF THE TEAM APPROACH TO IMPLANT  
DENTISTRY"**

**Gerald Barrack, DDS**

**SYNOPSIS:** The Restorative Consultation has become far more complex and challenging since the development of the osseointegrated implant. With the ever-increasing number of treatment options available, the prosthodontist has to obtain and weigh more information than ever before. The benefit/risk of each treatment plan, including longevity and cost, must be deliberated with both the patient and other specialists involved. If implants are the treatment of choice, the final treatment plan must await the outcome at second stage surgery. Examples demonstrating the complexities involved in this decision making process will be shown.

**CURRICULUM VITAE:** Dr. Barrack is a Clinical Professor in the Department of Restorative and Prosthodontic Sciences, New York University, College of Dentistry. He is a Diplomate of the American Board of Prosthodontics and past president of the Northeastern Gnathological Society. He is also a member of the Academy of Osseointegration.

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