THE AMERICAN ACADEMY
OF FIXED
PROSTHODONTICS

FORTY-SEVENTH ANNUAL
SCIENTIFIC SESSION

FRIDAY, 20 FEBRUARY 1998
SATURDAY, 21 FEBRUARY 1998

CHICAGO MARRIOTT HOTEL
DOWNTOWN
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**Projected Tentative Meeting Dates**

- 1998 = 20-21 February
- 1999 = 19-20 February
- 2000 = 25-26 February
- 2001 = 23-24 February
- 2002 = 22-23 February
- 2003 = 21-22 February
- 2004 = 20-21 February
- 2005 = 25-26 February
- 2006 = 24-25 February
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 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 to the concept and preliminary planning for the Academy were: Dr. Stanley D. Tyman, 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. Tyman, 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 535 active, honorary, and life members in 20 different countries.

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

Authored by:
Dr. Jesse T. Bullard
PRESIDENT'S MESSAGE

RICHARD D. WILSON
PRESIDENT 1997-1998

In our profession, there is an abundance of organizations that you and I can join. Available time, energy, and finances all compel our being thoughtful and selective. Clearly, the American Academy of Fixed Prosthodontics remains a prime option for those of us with busy schedules and high expectations.

What sets our Academy apart? First, of course, the continuing education excellence of our Annual Scientific Session. But, let's look beyond that!

Although the 45 plus years of our existence carries both pride and tradition, those attributes by themselves are no longer adequate. We need to continue to build on pride and tradition with quality, energy, and creativity.

The quality of those who have led this Academy in the past and of those who are in our present leadership track is our indicator of the merit of this Academy. The energy and creativity of our committee chairs and committee members are rarely recognized. I point out to our members that our colleagues who fill these roles do so with dedication, intelligence, and a great deal of expended time.

As important as these jobs are, the real vitality of our organization comes from the broad scope of our entire membership. Please keep in mind that with the privileges of membership come responsibilities. For many years, the colleagueship and support of our members has been one of the primary attractions of this Academy. You only have to look around at our Annual Sessions to perceive the long-standing friendships that have had their beginnings with this organization.

So as my term comes to an end, I submit to you a challenge: (1) Be advocates of this Academy! (2) Bring colleagues to our Annual Session. (3) Encourage those of high esteem and skills to join, and most of all, (4) Carry your membership with pride. It's contagious.

My experience as your president has been both instructive and memorable. Those with whom I have worked on your behalf have never failed to impress me with their excellence and their responsiveness to your concerns. I value both their friendships and what I have learned from them. I leave this office in the uniquely capable hands of your President-Elect, Denny Smith, an especially bright and quiet man of high integrity, great energy, and unusual leadership skills.

The privilege of serving you in this capacity has been a high point of my professional life and I am deeply appreciative of this singular honor.

Finally, I remind you: Be Advocates of the Academy!
STANDING COMMITTEE CHAIRMEN

Credentials Committee ............................................ Philip Pierpont '98
Program Committee ................................................. Gerard Schultz '98
Budget and Finance Committee ............................... David Donatelli '00
Tylman Research Committee ................................. Peter Lund '99
Local Arrangements Committee .............................. Kevin Kopp '00
Future Planning and Policy Committee .............. Davis Garlapo '98
Exhibits Committee ................................................. Ronald Stifter '99
Nominating Committee ............................................ Gerald Ziebert '98
Editor ................................................................. William Malone
Bylaws Committee ................................................... Richard Cavanaugh '00
George H. Moulton Award Committee ................... Herbert Plack '99
Historical Committee ............................................... Peter Neff '02
Publicity and Communications Committee ............ Michael Gardner '00
Newsletter Editor .................................................... Michael Gardner '00
Ethics Committee .................................................... Davis Garlapo '98
Research in Fixed Prosthodontics
Committee A ................................................ Stephen Rosenstell '98
Committee B ................................................ Larry Breeding '98

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Awards Committee ...................................................... John Townsend
Ad Hoc Committee for Industrial Funding
of the Tylman Research Award .................................. Donny Smith

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William Frigan

Secretary for Guests
Don Garver

American College of Prosthodontists
Prosthodontic Forum
Richard Wilson, Chmn.
Donny Smith

Table Clinic Program
Irwin Becker, Chmn. '98
Tim Butson, Assoc. Chmn. '98

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David Settlin

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Herbert Shillingburg

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Assad Mora '99

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Stephen Campbell '99
Gerard Chiche '99
Irwin Becker '00
Amp Miller '00
Michael Karczewski '00

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Myron Winer '99
Stephen Campbell '00
Alexander Chan '00
Tom Reddy '00

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Marylin Aden '98
Rush Peace '01

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Betsy Brackett '98
Daniel Conny '00

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Larry Sindledecker '99
Robert Steckler '01

RESEARCH IN FIXED PROSTHODONTICS COMMITTEE
Committee Co-Chairmen: Steve Rosenstell '98
Larry Breeding '99

Committee A:
Steve Rosenstell, Chairman
Martin Land '99
Bruce Crispin '98
Bill Malone, Ex Officio

Committee B:
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Donna Dixon '99
Michael Myers '99
Bill Malone, Ex Officio

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J. Robert Kelly '99
David Kaiser '01
George Kay '01
Donald Gratton '02

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Gerald Ziebert, Chairman
Harvey Colman
Jesse Bullard

EDITOR
Bill Malone

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Anthony Sneaizew '99
Ronald Woody '01
Martin Land '01
Gerald Sanjuli '02

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Wayne Harris '99
Mark Simpson '99

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Peter Neff, Chairman '02
Victor Mackoul '00

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Assad Mora, Assoc. NL Editor '01
Michael Myers '00
John Agar '01 - Photographer
Dennis Weir '01
Jeffrey Hudgens '01

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Tom Bahr
Vincent Mariano
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John Townsend, Chairman
Timothy Butson
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Bob Staffanou
Don Garver

STANDING PRESIDENTIAL APPOINTMENTS 1997-1998

PARLIAMENTARIAN
Richard Cavanaugh, Chairman
William Finagin

SECRETARY FOR GUESTS
Don Garver

AMERICAN COLLEGE OF THETIC PROSTHODONTISTS
PROSTHODONTIC FORUM
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Denny Smith

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Tim Butson, Associate Chairman

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Assad Mora '99

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Gary D. Toogood .............................. 2000

ANNUAL MEMBERSHIP DINNER AND BUSINESS MEETING
THURSDAY, FEBRUARY 19, 1998

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

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

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
Members Only Please!

9:00PM  Adjourn
**EXHIBIT DIRECTORY**

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TABLE CLINIC PROGRAM
FIFTH FLOOR BALLROOM
5:00PM FEBRUARY 20, 1998

TABLE CLINIC CHAIRMAN
DR. IRWIN M. BECKER

1. "Natural Looking Anterior Provisionals"
   Dr. John Anderson, Grand Forks, ND

2. "Combination Case Using Orthognathic Surgery, Implants, and Restorative Dentistry"
   Dr. Leonard Anglis, Lowell, IN

3. "Dento-Facial Analysis/Predictable Esthetic Treatment Planning"
   Dr. Gary DeWood, Pemberville, OH

4. "Restoration Placement Stage II Implant Surgery"
   Dr. Gregg Eletterin, Canton, OH

5. "Fixed Prosthesis Using Fiber Reinforced Composite Resin"
   Dr. Denise Estafan, New York, NY

   Dr. Michael Fling, Oklahoma City, OK

7. "Fabricating Radiographic Stents for Implant Treatment Planning"
   Dr. Jim Foundriest, Lake Forest, IL

8. "Equilibrate, Restore, or Both?"
   Dr. Warren Jesek, Decatur, IL

9. "Retentive Strength of a Custom Hexagonal Abutment and its Clinical Application"
   Dr. Norman Kwan, St. Catharines, Ontario, Canada

10. "The Bagel Telescopic Retainer Technique"
    Dr. Matt Lark, Toledo, OH

11. "Classification System for Cracked Posterior Teeth"
    Dr. Steve Ratliff, Westlake, OH

12. "Long Term Provisionalization"
    Dr. Gerald Savory, Boulder, CO

13. "Non-Surgical Perio Using Microscopic Diagnosing and Monitoring"
    Dr. Oksana Sawiak, Mississauga, Ontario, Canada

14. "Clinical Applications Using GES Pure Gold"
    Dr. Michael Sherb, Jupiter, FL

15. "Using Computer Technology for Teaching Preclinical Fixed Prosthodontics"
    Dr. Daryl Slynor, New York, NY

16. "The Case of Light Cured Composite in Diagnostic Work-Up on Articulated Study Casts"
    Dr. Greg Tarantola, Key Biscayne, FL

17. "Restoring Missing Anterior Teeth with GIS Implant System"
    Dr. Ron Teel, Fairbanks, AK

18. "A New Method for Showing Patients Their Centric Interferences"
    Dr. James Tharp, Olympia Fields, IL

THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS

FORTY-SEVENTH ANNUAL SCIENTIFIC SESSION
CHICAGO MARRIOTT HOTEL DOWNTOWN
FRIDAY, 20 FEBRUARY 1998

7:00AM-8:20AM Registration - Members and Guests
7th Floor Foyer
Continental Breakfast in Exhibit Area
Exhibits Open, 7th Floor Salon III

8:20AM-8:30AM Introductory Remarks:
President Richard D. Wilson
Program Chairman Gerard D. Schultz

8:30AM-10:30AM "INTERDISCIPLINARY ESTHETICS, SUCCESS BY DESIGN"
   Dr. David A. Garber
   Dr. Henry Salama

10:30AM-11:00AM Break
REFRESHMENTS IN EXHIBIT AREA

11:00AM-12:00PM "ESTHETICS IN IMPLANTOLOGY AN INTERDISCIPLINARY APPROACH"
   Dr. Ueli Gruninger

12:00PM-1:30PM Annual Academy Luncheon
All Members and Guests Invited
Fifth Floor Ballroom

1:30PM-2:30PM "A CLINICAL DECISION: SAVE THE TOOTH OR PLACE A DENTAL IMPLANT"
   Dr. Myron Nevin

2:30PM-3:00PM Break
REFRESHMENTS IN EXHIBIT AREA

3:00PM-5:00PM "THE ESTHETIC WIDTH"
   Dr. Pascal Magne
   Mr. Michel Magne, CDT

5:30PM-7:00PM Annual Cocktail Party
All Members and Guests
TABLE CLINIC PROGRAM
Dr. Irwin Becker, Chairman
Fifth Floor Ballroom - No Host Bar

*Note: Exhibits will be open continuously from 7:00AM to 5:00PM for your convenience.
Friday, February 20, 1998
8:30AM-10:30AM

David A. Garber, DMD

"Interdisciplinary Esthetics, Success by Design"

Synopsis: Dental practice today has evolved dramatically - innovative, optically correct ceramic systems, coupled with the ability to predictably bond to enamel and dentin, have changed the way we contemplate the restoration of dental form and function and offers us a non-invasive ability to enhance smile esthetics. With this predictability, dentists can look beyond the mere restoration of teeth and contemplate revamping and entire smile - developing harmonious dento-facial relationships with an integrated, interdisciplinary approach.

Surgical plastic procedures to enhance restorative results and osseo-integrated implants have today become an integral part of restorative dentistry. For pontics and implants to be esthetically acceptable requires the development of a "restoration receptor site" to mimic the restorative gingival interface of natural teeth.

This presentation will address the changing face of dentistry, integrating innovative restorative systems, surgical plastic procedures and in particular a new simplified approach to Immediate Implants with optimal Esthetics.

Curriculum Vitae: Dr. David A. Garber has a dual appointment at the Medical College of Georgia School of Dentistry, Augusta, Georgia, as a Clinical Professor in the Department of Periodontics, as well as Clinical Professor in the Department of Oral Rehabilitation. He also serves on the faculty at Louisiana State University as a Visiting Professor in the Department of Prosthodontics. Dr. Garber graduated from the University of Pennsylvania with postdoctoral training in both periodontics and fixed prosthodontics. Prior to locating in Atlanta, he was on the university faculty as Director of Crown and Bridge and Director of Group Clinical Practice. He lectures extensively on multidisciplinary approaches to optimizing esthetics. The programs integrate restorative dentistry and periodontic implants in developing total dental facial harmony. He has presented throughout America, Europe, and the Orient. He has practiced in Great Britain, South Africa, and the United States.

Dr. Garber is an active member of numerous dental societies, including The American Academy of Fixed Prosthodontics, the American Academy of Periodontology, the American Prosthodontic Society, and is a Board Member of the American Academy of Esthetic Dentistry. He has also been named "Fellow of the College" of the International College of Dentists, USA Section. Dr. Garber writes extensively, publishing enumerable articles and has contributed to many dental texts. He has co-authored texts on esthetic dentistry, including Bleaching Teeth, Porcelain Laminate Veneers and Procien and Composite Inlays and Onlays, and Complete Dental Bleaching. Dr. Garber is completing a text himself on integrated therapy in advanced esthetics and "the esthetic implant". He is also co-editor-in-chief of the Journal of Esthetic Dentistry.
Henry Salama, DMD
“Interdisciplinary Esthetics, Success by Design”

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Curriculum Vitae: Dr. Henry Salama completed his undergraduate education at the State University of New York at Binghamham where he received a B.S. degree in Biology. He earned his DMD degree from the University of Pennsylvania School of Dental Medicine. Dr. Salama then pursued post-graduate specialties in Periodontics, Periodontal Prosthodontics, and Fixed Prosthodontics as well as Implant Surgical Training and Implant Prosthetic Training. In addition to joining Goldstein, Goldstein, and Garber as Director of the practice’s state-of-the-art Implant Center, he continues to maintain his current position as Director of Implant Surgery at the University of Pennsylvania School of Dental Medicine. Dr. Salama currently holds a Clinical Assistant Professorship in the University of Pennsylvania’s Department of Restorative Dentistry.

Dr. Salama is the author of numerous scholarly publications, including several he co-authored in the field of interdisciplinary treatment and implants. Dr. Henry Salama is a sought after lecturer and has spoken before dental conferences and seminars in the US, Europe, Israel, and Central and South America. He is a member of the American Dental Association, the American Academy of Periodontology, and the Academy of Osseointegration.

Ueli Grunder, DMD
“Esthetics in Implantology - An Interdisciplinary Approach”

Synopsis: In implant cases with a high demand on esthetics, an excellent result is not possible if the different disciplines involved in such a treatment do not interact perfectly together. This presentation will discuss important details of treatment planning, surgery, and prosthodontics, and how the surgery can influence the prosthetic possibilities as well as what should be known about tissue management from the prosthetic point of view.

Curriculum Vitae: Dr. Ueli Grunder received his DMD degree from the University of Zurich, Switzerland, in 1982. His post-graduate education in advanced fixed prosthodontics was also completed at the University of Zurich, where he has been a special lecturer since 1987. He has maintained a private practice since 1989 in Zollikon-Zurich and has published numerous papers and extensively lectured nationally and internationally on the surgical and prosthetic aspects of implant dentistry.
The Annual Academy Luncheon

Presentation of the Stanley D. Tylman Research Awards for 1998

Dr. Peter S. Lund
Chairman, Tylman Research Award Committee

First Place Winner

Dr. David G. Graton
The University of Iowa, Iowa City, Iowa

"Micromotion and Dynamic Fatigue Properties of the Dental Implant/Ablumint Interface"
Program Director: Dr. Steven A. Aquilino
Research Mentor: Dr. Steven A. Aquilino

Second Place Winner

Dr. Kyuho Lee
Harvard School of Dental Medicine

"Transmission of Microbiota of Successful Dental Implants"
Program Director: Dr. Lionel Pelletier
Research Mentor: Dr. Anne Tanner

Third Place Winner

Dr. George K. Tzenakis
Marquette University School of Dentistry

"Intraosseous Growth Pattern of Healing Subperiosteal Implants"
Program Director: Dr. William W. Nagy
Research Mentor: Dr. William W. Nagy

The Academy would like to recognize and thank its corporate sponsors of the Tylman Award:

Nobel Biocare
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The Academy also thanks the Editorial Council of the Journal of Prosthetic Dentistry who generously provided travel funds for the 1997 second and third place Tylman winners.

Presentation of the George H. Moulton Award for "Outstanding Achievement in the Art and Science of Fixed Prosthodontics"

Dr. Herbert P. Pack
Chairman, George H. Moulton Award Committee

1998 Recipient
Dr. Herbert T. Shillingburg, Jr.
Oklahoma City, OK

Presentation of New Members for 1998

President Richard D. Wilson

Myron Nevins, DDS

"A Clinical Decision: Save the Tooth or Place a Dental Implant"

Synopsis: The predictability offered by osseointegration has created the need for guidelines to delineate the decision-making process of whether to retain the natural tooth (teeth) or replace them with implants. The state of repair of the tooth, the periodontal prognosis and the esthetic potential all influence this interdisciplinary decision in light of today's armamentarium.

This presentation will address the predictability of periodontal regenerative procedures to resolve osseous lesions and furcation management with its anatomic implications relative to implant placement.

Curriculum Vitae: Dr. Ron Nevins is the Editor of the International Journal of Periodontics and Restorative Dentistry and is the Director of the Institute for Advanced Dental Studies. He is the Director and Chairman of the American Board of Periodontology, past president of the American Academy of Periodontology and was chairman of the 1989 World Workshop in Clinical Periodontics. He is the recipient of the 1997 Gold Medal from the American Academy of Periodontology. Ron maintains a private practice limited to periodontics and implantology in Swampscott, Massachusetts.
Friday, February 20, 1998
3:00PM-5:00PM

Pascal Magne, DMD

"THE ESTHETIC WIDTH"

Synopsis: Since the indications for bonded ceramic restorations have broadened in scope, the use of the more classical cemented full crown tends to be confined to the restoration of non-vital and/or severely damaged teeth. Full ceramic techniques now compete with traditional metal ceramics for the rehabilitation of both single and multiple units of fixed prosthetic devices. However, the latter still stands as an esthetic standard for the reason that the technique has been significantly improved during these last years by refining many technical aspects (framework design, interdental design, extended porcelain margins) and by developing novel technology for the framework fabrication. When used adequately, metal ceramics can be applied to even extreme conditions such as long span bridges and compromised situations for implant placement.

The success and global integration of extensive prosthetic rehabilitations is not only a matter of technical choice but is also highly related to the diagnostic phase and temporization. Provisional restorations contribute significantly to adjacent soft tissue conditioning, and they insure the patient's subjective comfort during this intermediate phase of treatment. The treatment outcome strongly depends on the therapeutic approach chosen. This lecture describes a treatment rationale that comprises the use of a diagnostic template. This type of work strategy, documented with clinical cases, integrates diagnostic wax-ups and indirect provisionals using simplified and efficient fabrication techniques.

Curriculum Vitae: Since 1989, Dr. Pascal Magne has been a Lecturer in the division of Operative Dentistry and Endodontics (Professor Jacques Holz) and in the division of Fixed Prosthodontics (Professor Urs Belser) at the University of Geneva, School of Dentistry, Switzerland. Since May of 1997, Dr. Magne has been a Visiting Associate Professor at the Minnesota Dental Research Center for Biomaterials and Biomechanics (Professor William H. Douglas) at the University of Minnesota School of Dentistry, Minneapolis, MN.

Dr. Magne has internationally presented numerous lectures and continuing education courses in the field of esthetic and adhesive dentistry.

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Friday, February 20, 1998
3:00PM-5:00PM

Michel Magne, CDT

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Curriculum Vitae: Mr. Michel Magne has been a Certified Dental Technician since 1979. Since 1992, he has been director of his own Oral Design Center (dental laboratory) in Montreux, Switzerland.

Mr. Magne has internationally presented numerous lectures and practical courses in the field of dental ceramics and esthetics.
Frank M. Spear, DDS, MSD

"INTERDISCIPLINARY MANAGEMENT OF ANTERIOR ESTHETIC DILEMMAS"

Synopsis: Albert Einstein once said that when people choose to make something better, they really want it perfect. This statement applies to many of today's esthetically demanding dental patients. What appears to start out as simple restorative enhancement of appearance often ends up with a patient less than satisfied with the final result. This often occurs because the tooth spacing, gingival heights, or edentulous ridge are less than ideal.

This program will focus on how the team of a restorative dentist and orthodontist manage these complex esthetic problems. Specifically, this program will focus on diagnosis, treatment of gingival level problems, interdental papillas, and anterior single tooth implants.

Curriculum Vitae: Dr. Frank Spear received a DDS 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 Associate Professor in the Graduate Prosthodontics Program at the University of Washington. Dr. Spear maintains a private practice in Seattle limited to Esthetics and Fixed Prosthodontics. He has presented over 600 days of continuing education in North America and Europe. As the founder and director of the Seattle Institute of Advance 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 of 1996, Dr. Spear became the third recipient, following Dr. Morton Amsterdam and Dr. Walter Cohen, to receive the Saul Schluger Memorial Award for Excellence in Diagnosis and Treatment Planning from the Seattle Study Club.

Dr. Spear's membership include: The American Academy of Esthetic Dentistry, The American Academy of Restorative Dentistry, The Academy of Prosthodontics, the Pierre Fauchard Academy and the International College of Dentists. In addition, he is section editor for Quintessence International.

David P. Mathews, DDS

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Curriculum Vitae: Dr. David P. Mathews received his undergraduate and dental education at UCLA (1969), and has a Certificate in Periodontics from the University of Washington (1974). He has been in full-time practice since 1974 and was a Clinical Assistant in the Graduate Periodontics Program at the University of Washington from 1974 to 1982.

Dr. Mathews is a member of several organizations including the American Academy of Periodontology, Washington State Society of Periodontics, the Northeast Network for Dental Excellence, and the Academy of Esthetic Dentistry. He writes and lectures on coordinating interdisciplinary care for patients requiring implants, orthodontics, esthetic dentistry, regenerative periodontal therapy, and complex restoration.
Vincent G. Kokich, DDS, MSD

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Curriculum Vitae: Dr. Vincent Kokich is a Professor in the Department of Orthodontics at the University of Washington in Seattle. He also maintains a private orthodontic practice in Tacoma, Washington. He has published 10 book chapters, 55 scientific articles, and 48 review articles. He has given over 275 presentations throughout North and South America, Europe, Africa, Australia, and Asia. He is currently a Director of the American Board of Orthodontics and was awarded the Sichler Research Award by the American Association of Orthodontists. Dr. Kokich is an Associate Editor of The Angle Orthodontist, Associate Editor of Practical Reviews in Orthodontics, and is on the Advisory Board of the Journal of Esthetic Dentistry. He has also been elected to Who's Who in the West and Who's Who in America.

Baldwin W. Marchack, DDS, MBA

"GAINING TREATMENT ACCEPTANCE: THE MISSING INGREDIENT"

Synopsis: Many dentists are highly trained to deliver advanced restorative dental procedures. They possess the ability to diagnose and formulate optimal solutions for non-routine, complex situations. However, third party payers often provide only minimal assistance toward the cost of treatment, regardless of the complexity of these services.

Dentists will often have to assist patients to overcome the commonly encountered mindset to accept only treatment which will be covered by their dental benefit plans. This presentation will focus on a philosophy which will enable the dentist to gain greater acceptance of optimal treatment.

Curriculum Vitae: Dr. Baldwin Marchack is a 1971 graduate of the University of Southern California, School of Dentistry. In 1989 he received an MBA from the UCLA Graduate School of Management. Dr. Marchack belongs to numerous professional organizations including the Academy of Osseointegration, the American Prosthodontic Society, the Academy of Prosthodontics, the Pacific Coast Society of Prosthodontists, and the American Academy of Esthetic Dentistry. He is a Fellow of the Pierre Fauchard Academy and an Associate Clinical Professor in the Department of Restorative Dentistry at the USC School of Dentistry. Dr. Marchack is the author of numerous articles and has lectured nationally and internationally. He presently serves on the Executive Council of the American Academy of Esthetic Dentistry, the Board of Councilors of the USC School of Dentistry, the Editorial Council of the Journal of Prosthetic Dentistry and he maintains a private practice in Pasadena, California.
PERIODONTAL PROSTHESIS: A 50 YEAR RETROSPECTIVE OF THE CONCEPTS, PHILOSOPHY, AND TECHNIQUES, WITH AN EVALUATION OF ALTERNATIVES IN TREATMENT, IN LIGHT OF MODERN DAY APPROACHES TO TREATMENT

Synopsis: Several cases of varied types will be shown with long term follow-up. Maintenance problems will be discussed, as will possible alteration of the treatment plan in light of today’s technology. The importance of retrievability of the restoration was also well established for long term maintenance, and certainly became an important factor in implant prosthesis. New attachment regeneration as well as bone and soft tissue augmentation have added much to our clinical achievements and along with the enhanced success of the osseointegrated implant restoration has markedly altered our diagnostic, prognostic and treatment plan considerations.

Curriculum Vitae: Dr. Morton Amsterdam is Professor Emeritus of Periodontics and Periodontal Prosthesis, as well as the Norman Vine Professor of Restorative Dentistry, at the University of Pennsylvania. He is also Clinical Professor of Surgery at the Medical College of Pennsylvania, Hahnemann University. Dr. Amsterdam has received numerous awards from national and international organizations for his contributions to dentistry, including honorary degrees from the University of Gothenburg, Sweden, and the University of Athens, Greece, as well as from Dickinson College, USA. He is a Fellow of the American and International College of Dentists and the Philadelphia College of Physicians.

MICROMOTION AND DYNAMIC FATIGUE PROPERTIES OF THE DENTAL IMPLANT/ABUTMENT INTERFACE

Synopsis: Clinical loading of single tooth implant restorations may result in micromotion and metal fatigue of apparently stable implant screw joints. Tissue inflammation, hyperplasia, and fistula formation commonly associated with loose or fractured abutment screws have also been observed around “stable” implant screw joints. This study investigated dental implant screw joint micromotion and dynamic fatigue as a function of varied preload torque applied to abutment screws. Under the selected loading parameters no measurable fatigue of the implant fixture abutment interface occurred. However, dental implant screw joints tightened to lower preload values exhibited significantly greater micromotion at the implant fixture/abutment interface. This increased micromotion (up to 61% of baseline) suggests a potential for long term clinical complications when optimum torque values are not achieved.

Curriculum Vitae: Dr. David G. Gratton received his DDS degree from the University of Michigan School of Dentistry in 1994 and his Certificate in Prosthodontics and MS degree from the University of Iowa College of Dentistry in 1997. Dr. Gratton is currently an Assistant Professor in the Division of Fixed Prosthodontics at the University of Western Ontario School of Dentistry, London, Ontario, Canada.
**Mauro F. M. Fradeani, MD, DDS**

*ADVANCED FIXED PROSTHODONTICS: A COMBINED PERIODONTAL- PROSTHETIC APPROACH FOR PREDICTABLE RESULTS*

**Synopsis:** A predictable final result in fixed prosthodontics is often related to a close cooperation between prosthodontist and periodontist. Both surgical and prosthetic treatment are required when old failed restorations have to be substituted re-establishing proper biologic width, improving gingival asymmetries and reducing a gummy smile appearance. The task of the prosthodontist is even more difficult in periodontal prosthetic rehabilitation. Occlusal and esthetic problems such as elongation of teeth and wide spaces can be solved through a skillful execution of all prosthetic steps and adequate tissue management.

**Curriculum Vitae:** Dr. Mauro Fradeani is President-Elect of The Italian Academy of Prosthetic Dentistry, a Member of the American Academy of Fixed Prosthodontics, and the American and European Academies of Esthetic Dentistry. He is special lecturer at Louisiana State University School of Dentistry, Department of Prosthodontics, New Orleans, LA. Dr. Fradeani teaches extensively in Italy and abroad on periodontal prosthesis and esthetic dentistry. He maintains a private practice in Pesaro and Milano, Italy.

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**Stephen D. Campbell, DDS, MMSc**

*CERAMIC RESTORATIONS: THE GOOD, THE BAD, AND THE UGLY- REASONS FOR FAILURE*

**Synopsis:** All-ceramic restorations continue to improve in their physical, mechanical, and esthetic properties. These improvements have led to high quality restorative options that offer the potential for excellent fit and esthetics. This presentation offers a review of the current state of the art in all-ceramic restorations including considerations in their success and failure, as well as selection criteria. Composite veneering materials and fiber-reinforced substrates for fixed prosthodontics will also be discussed.

**Curriculum Vitae:** Dr. Stephen Campbell is Professor and Head of the Department of Restorative Dentistry at the University of Illinois at Chicago. He has numerous publications and has been active in dental research throughout his career. He is a Diplomate of the American Board of Prosthodontics, maintains a practice limited to prosthodontics, and is active in several dental organizations, including The American Academy of Fixed Prosthodontics.
Maurice H. Martel, DDS

“ENHANCING RESTORATION LONGEVITY”

Synopsis: Restoration design needs to reflect the desired patient outcome, and at the same time fulfill the criteria of longevity. This presentation will address how the various restorative-prosthetic designs may influence how long a restoration might last with minimal service and repair.

Curriculum Vitae: Dr. Maurice H. Martel is a graduate of Northwestern University Dental School, Chicago, IL. He is a clinical professor at Tufts University School of Dental Medicine in Boston, Department of Graduate Prosthodontics, and on the visiting faculty of the L. D. Pankey Institute. He is Past-President of The American Academy of Fixed Prosthodontics and a member of the American Academy of Restorative Dentistry. He maintains a private practice in Holden, Massachusetts.