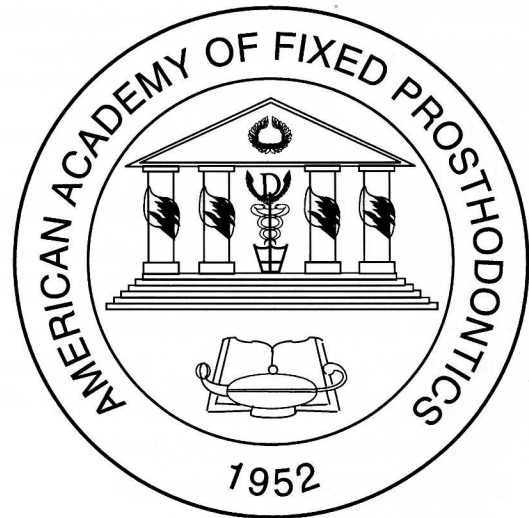


**THE AMERICAN ACADEMY  
OF FIXED  
PROSTHODONTICS**

**FIFTY-FOUR YEARS OF  
EXCELLENCE**



**FIFTY-FOURTH ANNUAL  
SCIENTIFIC SESSION**

**PROGRAM THEME  
"A FIXED PROSTHODONTIC POTPOURRI  
2005: CLINICAL, LABORATORY AND  
MANAGEMENT PERSPECTIVES"**

**FRIDAY, FEBRUARY 25, 2005  
SATURDAY, FEBRUARY 26, 2005**

**CHICAGO MARRIOTT HOTEL DOWNTOWN  
7TH FLOOR**

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## PROJECTED TENTATIVE MEETING DATES

2005 = February 25-26

2006 = February 24-25

2007 = February 23-24

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## THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS MISSION AND GOALS

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

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

Authored by:

Dr. Stephen D. Campbell

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

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

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

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

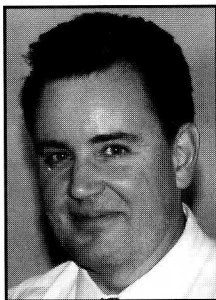
The next meeting was at French Lick, Indiana, on March 19, 1951, where the tentative Constitution and Bylaws were presented for final approval. Charter members were initiated into the Academy on February 2, 1952, in Chicago, making this the first annual meeting of The Academy of Crown and Bridge Prosthodontics. We have continued to grow and expand our national and international membership to our present total of over 600 active and life members in 21 different countries.

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

Authored by:  
Dr. Jesse T. Bullard

## PAST PRESIDENTS

* Claude R. Baker .....	1952-53
* Robert P. Dressel .....	1954
* E. David Shooshan .....	1955
* Earl Allen Nelson .....	1956
* L. Walter Brown, Jr. ....	1957
* George H. Moulton .....	1958
* Francis B. Vedder .....	1959
* Stanley D. Tylman .....	1960
* William H. Hagen .....	1961
* Everett Carl Brooks .....	1962
Ernest B. Nuttall .....	1963
* Fred Norman Bazola .....	1964
* John D. Adams .....	1965
* Robert Conley Zeisz .....	1966
* Willis Edward Corry .....	1967
* Joseph E. Ewing .....	1968
* E. Edward Kraus .....	1969
Raymond M. Contino .....	1970
* Douglas H. Yock .....	1971
* Philip Williams .....	1972
Douglas M. Lyon .....	1973
Kenneth A. Morrison .....	1974
* Robert Sheldon Stein .....	1975
* John M. Schlick .....	1976
Charles L. Ziegler .....	1976
Charles J. King .....	1977
Samuel E. Guyer .....	1978
Roland W. Dykema .....	1979
* Wade H. Hagerman, Jr. ....	1980
Robert D. Jeronimus .....	1981
Lloyd L. Miller .....	1982
* John H. Emmert .....	1983
* Alfred C. Macaluso .....	1984
Ernest B. Mingleddorf .....	1985
Herbert Ptack .....	1986
Ralph A. Yuodelis .....	1987
William D. Culpepper .....	1988
Ronald G. Granger .....	1989
Maurice H. Martel .....	1990
Ronald D. Woody .....	1991
Albert J. Kazis .....	1992
* William L. Nequette .....	1993
Dale L. Timberlake .....	1994
Jesse T. Bullard .....	1995
Harvey L. Colman .....	1996
Gerald J. Ziebert .....	1997
Richard D. Wilson .....	1998
Denny M. Smith .....	1999
Davis A. Garlapo .....	2000
Stephen D. Campbell .....	2001
Richard R. Cavanaugh .....	2002
John T. Goodman .....	2003
William W. Nagy .....	2004
Peter S. Lund .....	2005
* Deceased .....	



**PRESIDENT'S MESSAGE**  
**DR. PETER S. LUND**  
 2004-2005

With great pleasure, I welcome you to the Fifty-Fourth Annual Scientific Session of The American Academy of Fixed Prosthodontics. I am delighted to join you in Chicago to partake of all that the meeting has to offer. While we never know what the Chicago weather will be in late February, we can always count on an excellent meeting that has become the hallmark of the Academy.

I am honored to have Dr. Kevin Kopp as our Program Chairman this year. Dr. Kopp is a superb prosthodontist and outstanding teacher. He is a life-long student of dentistry and epitomizes the high caliber of our Academy members. Dr. Kopp has put together an excellent and varied lecture session. I am proud that the program will feature four speakers from our Academy membership: Dr. Joseph Kan, Dr. Kenneth Malament, Dr. Dean Morton, and Dr. Joerg Strub. They are also a testament to the high quality of our membership. You will note that several laboratory technologist colleagues will lecture on Friday afternoon. I believe that the fixed prosthodontic and laboratory communities can greatly benefit from exchange of ideas in a forum such as this meeting. Their participation is especially relevant this year, as the Academy contemplates the expansion of our membership to include laboratory technologists and other non-dentists. In addition, the program includes internationally known speakers in the areas of ceramics, esthetics, dental practice management, and clinical digital photography.

Rounding out the Scientific Session are the Table Clinics Program, directed by Dr. Carl Driscoll, the Commercial Exhibits, assembled by Dr. Marshall Hoffer, and several social events. During the Friday luncheon we will recognize individuals who have contributed to the Academy and to the discipline of Fixed Prosthodontics as well as welcome our newly elected members. Meeting events are open to all registered members, guests, and students. I invite you to attend all events.

I hope that you will partake of all that the meeting has to offer: the opportunities for learning, the opportunity to honor those that have contributed to the field of Fixed Prosthodontics, and the opportunities for camaraderie with colleagues and friends. For Academy members, I also urge you to participate in the direction of the Academy by attending the Thursday evening business meeting.

Finally, I invite your attendance at our future meetings, held each February in Chicago. As you make your future plans, log on to the Academy's new Web site, [www.fixedprosthodontics.org](http://www.fixedprosthodontics.org). There you will find complete meeting, registration, and hotel information, in addition to general information about the Academy and its programs.

Thank you for attending the 2005 Annual Scientific Session and enjoy this "Fixed Prosthodontics Potpourri"!

**OFFICERS AND DIRECTORS 2004-2005**  
**AMERICAN ACADEMY OF FIXED PROSTHODONTICS**

**President:** Peter S. Lund, 333 South 7th Street, Suite 110, Minneapolis, MN 55402-2407; Home: (651)714-1655; Office: (612)338-8638; FAX: (612)338-8639; E-mail: [pslund@twincitizen.net](mailto:pslund@twincitizen.net)

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 191 River Avenue, 2nd Floor, Winnipeg, MB, Canada R3L 0B1; Home: (204)885-7402; Office: (204)453-1788; FAX: (204) 453-0839; E-mail: [vacations@kennedyseminars.com](mailto:vacations@kennedyseminars.com)

Russell Williamson - 2007  
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E. Ricardo Schwedhelm  
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David Seittlin

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Philip Pierpont '05  
Kent Knoernschild '05

## **PAST TYLMAN AWARD RECIPIENTS \***

(\*DATE LISTED IS DATE AWARDED-AWARD ACTUALLY WON YEAR

PRIOR)

1979: Dr. James N. Ciesco  
1980: Not awarded  
1981: Dr. Timothy O. Hart  
1982: Not awarded  
1983: Dr. David Alan Chance  
1984: Dr. Jeffrey L. Hudgins  
1985: Dr. George W. Kay  
1986: Dr. Anthony J. G. Dickinson  
1987: Dr. Izchak Bartzilay  
1988: Dr. Susan E. Brackett  
1989: Not awarded  
1990: Dr. Shane N. White  
1991: not awarded  
1992: not awarded  
1993: Dr. Louis Menegotto  
1994: Dr. Syed Faheem Rasool  
1995: Dr. Fonda G. Robinson  
1996: Dr. Paula K. Yliheikkila  
1997: Dr. Kevin H. O'Boyle  
1998: Dr. David G. Gratton  
1999: Dr. Douglas E. Ford  
2000: Dr. Reza Heshmati  
2001: Dr. Salman A. Lakhani  
2002: Dr. Periklis Proussaefs  
2003: Dr. Luis Keys  
2004: Dr. Vanessa Swain  
2005: Dr. Philip Tan

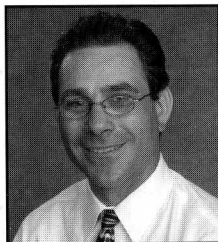
## **Past Moulton Award Recipients**

1992: George H. Moulton  
1993: Ernest B. Nuttall  
Max Kornfeld  
1994: Robert J. Nelson  
1995: Everitt V. Payne  
1996: Samuel E. Guyer  
1997: Roland W. Dykema  
1998: Herbert T. Shillingburg, Jr.  
1999: Not Awarded  
2000: Lloyd L. Miller  
2001: Ralph Yuodelis  
2002: Robert S. Staffanou  
2003: Maurice H. Martel  
2004: Ronald D. Woody  
2005: Charles J. Goodacre

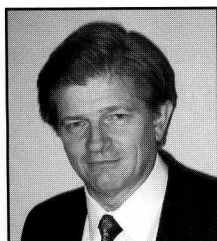
## **ANNUAL MEMBERSHIP DINNER AND BUSINESS MEETING THURSDAY, FEBRUARY 24, 2005**

5:30PM-7:00PM	<i>Early Registration for Members</i> 5th Floor Foyer
5:30PM-7:00PM	<i>Early Registration for Guests</i> 7th Floor Foyer
6:00PM	<i>MembersCocktail Reception</i> 5th Floor Foyer
7:00PM	<i>Members Annual Dinner</i> 5th Floor Chicago Ballroom
8:00PM	<i>Members Annual Business Meeting</i> 5th Floor Chicago Ballroom President's Message Business Meeting Town Hall Meeting
9:00PM	<b>Adjourn</b>

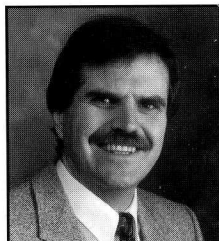
## PROGRAM CHAIRMEN



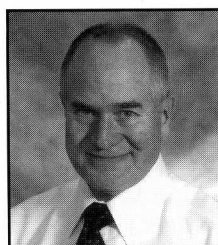
Dr. Kevin Kopp  
Program Chairman 2005



Dr. Martin Land  
Program Co-Chairman  
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Dr. Stephen Rosenstiel  
Program Co-Chairman  
2006



Dr. John Agar  
Ex Officio

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7.	
8.	
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12.	GREAT LAKES ORTHODONTICS
13.	PANADENT CORPORATION
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16.	RESISTA-TEMP
18.	STRAUMAN USA
19.	WHIP MIX CORPORATION
20.	ULTRADENT PRODUCTS, INC.
21.	DESIGNS FOR VISION, INC.
22.	NOBEL BIOCARE
23.	VIDENT
24.	ASTRA TECH
25.	KERR DENTAL
26.	BRASSELER USA
27.	COSMEDENT, INC.
28.	BAY DENTAL DIREST SUPPLY CO., INC.
29.	TEKSCAN, INC.
30.	CAPITAL DENTAL LABS
31.	CUSP DENTAL RESEARCH, INC.
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39,40.	WATER PIK TECHNOLOGIES

**2005 TABLE CLINICS PROGRAM**  
**FIFTH FLOOR BALLROOM, 12:00PM-2:00PM**  
**EXHIBITS OPEN, FOOD AVAILABLE**  
**TABLE CLINIC CHAIRMAN - DR. CARL DRISCOLL**

1. *"Cross Mounting of Diagnostic Provisionals"*  
Dr. Gunjan Dhir
2. *"Survival Rate and Fracture Strength of Different Anterior Implant-Supported All-Ceramic Restorations"*  
Dr. Wael Att
3. *"Fracture Strength of Crowns Made from the Shrinkage-Free ZrSiO<sub>4</sub> Everest HPC"*  
Dr. Pascal Marquardt
4. *"An Investigation of the Physical Properties of Microwave Sintered Dental Ceramics"*  
Dr. Kamesh Jain
5. *"Esthetic Anterior Provisional Restorations"*  
Dr. Gaurav Puri
6. *"Rehabilitation of Spark Erosion Prosthesis"*  
Dr. Julie Berger
7. *"Fit of the Auro Galvan Crown System Made Using the Electroforming Technique"*  
Dr. Jae-Yoon Chang  
Dr. Jae-Ho Yang  
Dr. Jung-Suk Han
8. *"Influence of a 3-Step Disinfection Procedure on Dentin Bond Strength"*  
Dr. Maria Pappas
9. *"Effects of Varied Dimensions of Surgical Guides on Implant Angulations"*  
Dr. Mijin Choi
10. *"Pre-Treatment Mangement for Restoring Reduced Occlusal Vertical Dimension"*  
Dr. Keith Mays
11. *"Biological Response of Bone-Implant Interface to Fixed Prosthesis Misfit"*  
Dr. Fei Liu
12. *"The Transverse Screw Concept in a Fixed Ceramo-Metal Restoration"*  
Dr. Nancy Dubois  
Dr. Carlos Arturo Velez
13. *"The Andrews Bridge Utilizing Implants in the Anterior Maxilla: A Case Report"*  
Dr. Jin Ha Joung
14. *"Comparison of Porcelain Fracture Resistance of Implant Supported Metal Ceramic Crowns"*  
Dr. Majd Almaradini
15. *"Use of PDA Device for Chairside Patient Education in Restorative Dentistry"*  
Dr. Charlson Choi
16. *"Feasibility of Dental Assistants Obtaining Mandibular Movement Tracings"*  
Dr. James Marcum  
Dr. Marion J. Edge
17. *"Managing Soft Tissue Contours Around Implants Indexed at First Stage Surgery"*  
Dr. Radi Masri

**2005 TABLE CLINICS PROGRAM**  
**CONTINUED**

18. *"Fabrication of Final Implant Customized Abutment from Scanning Temporary Abutment"*  
Dr. Steve Lim  
Dr. Denise Leong  
Dr. Suhail AlGhafli
19. *"Use of Mock Provisionals to Evaluate Esthetics and Function on the Natural Dentition"*  
Dr. Herman Quintero  
Dr. Brian Lee
20. *"Modification of Existing Provisionals with Mock Provisionals"*  
Dr. Savvas Kamalakis  
Dr. Gianluca Paniz
21. *"How to Avoid Space Problems Associated with Implant Overdentures"*  
Dr. Bo-Young Won  
Dr. Kevin Loo  
Dr. Seevan Shoher
22. *"Ceramic Implant Abutments: Cutting Efficiency and Resultant Surface Finish"*  
Dr. Si-Woon Park  
Second Place Tylman Award Recipient
23. *"Methods to Improve the Seating Accuracy of Fixed Restorations"*  
Dr. Mary Beth Ossa  
Dr. Flavio Rasetto
24. *"Screw and Clamping Effects"*  
Dr. Peter Barndt
25. *"Management of a Structurally Compromised Dentition with Crown/Sleeve Telescopic Prosthesis"*  
Dr. Christopher Pusateri  
Dr. Edward Monaco

**ALTERNATE TABLE CLINIC:**

- "Evaluation of Various Light Sources in Subjective Color Matching Participation Exercises"*  
Dr. Seungye Kim

THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS  
FIFTY-FOURTH ANNUAL SCIENTIFIC SESSION  
FEBRUARY 25TH, 2005

**"A FIXED PROSTHODONTIC POTPOURRI - 2005  
CLINICAL, LABORATORY, AND MANAGEMENT  
PERSPECTIVES"**

7:00AM	<b>Registration</b> , 7th Floor Foyer, Salon III Continental Breakfast in Exhibit Hall
8:15AM	<b>INTRODUCTION:</b> Dr. Peter S. Lund, President Dr. Kevin C. Kopp, Program Chairman
8:30AM	"Metal-Ceramic and Ceramo-Ceramic Restorations: Critical Appraisal and Clinical Perspectives" Dr. Urs Belser
9:30AM	"Cad-Cam in Restorative Dentistry" Dr. Joerge Strub
10:30AM	<b>Break in the Exhibits Hall*</b> (All Members, Guests and Students Invited)
11:10AM:	"Choosing the Appropriate Crown for Different Areas of the Mouth - Esthetics vs. Long-term Prognosis" Dr. Kenneth Malament
12:00 PM:	<b>ANNUAL MEMBER - GUEST LUNCHEON</b> (All Members, Guests and Students Invited)
1:30PM	"Then and Now: How Have New Materials Changed the Way We Communicate With the Laboratory?" Mr. Willi Geller
2:30PM	"The Anterior Single Crown: Achieving Optimum Results Utilizing Direct Technician & Patient Contact" Mr. Oliver Tkic
3:20PM	<b>Break In Exhibits Hall*</b> (All Members, Guests & Students Invited*)
3:55PM	"Achieving Optimum Esthetics & Functional Results Using Traditional Laboratory Communication Methods" Mr. Todd Fridrich
5:15:PM	<b>ANNUAL MEMBER-GUEST COCKTAIL RECEPTION</b>

THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS  
FIFTY-FOURTH ANNUAL SCIENTIFIC SESSION  
SATURDAY, FEBRUARY 26TH, 2005

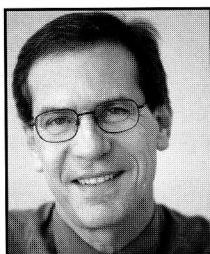
**"A FIXED PROSTHODONTIC POTPOURRI - 2005  
CLINICAL, LABORATORY AND MANAGEMENT  
PERSPECTIVES"**

7:00AM	<b>Registration</b> , 7th Floor Foyer, Salon III Continental Breakfast in Exhibit Hall
8:15AM	"Predictable Peri-Implant Gingival Esthetics" Dr. Joseph Kan
9:15AM	"Single Stage Implants: Esthetic & Functional Considerations" Dr. Dean Morton
10:05AM	<b>Break in the Exhibits Hall</b> (All Members, Guests and Students Invited*)
10:45AM	"The Fracture Resistance of Endodontically Treated Central Incisors with Varying Ferrule Height" Dr. Philip Tan 1st Place Tylman Award Presentation
11:00AM	"An Update in Vital Tooth Whitening" Dr. Gerald Denehy
12:00PM	<b>Table Clinics &amp; Light Lunch-Fifth Floor Ballroom**</b> (All Members, Guests and Students Invited*)
2:00PM	"Practice Management: Taking Your Fixed Prosthodontic Practice to the Next Level" Dr. David Schwab
3:00PM	"Digital Photography: What's New?" Mr. James Clark
4:15PM	<b>Closing Remarks</b> President Peter S. Lund

Note: \*Exhibits will be open continuously from 7:00AM to 5:00PM for your convenience.  
\*All food and refreshments will be served in the Exhibit Hall

\*Note: Exhibits will be open continuously from 7:00AM to 2:00PM for your convenience.  
\*\*All food and refreshments will be served in the Exhibit Hall





Urs C. Belser, DMD, Prof. Dr. med.dent.

**"Metal-Ceramic and Ceramo-ceramic Restorations:  
Critical Appraisal and Clinical Perspectives"**

Learning Objectives: 1. Challenge of long-term results in implant utilization,  
2. Review of clinical trials, 3. Step-by-step clinical protocols and procedures.

**Synopsis:** Partially edentulous patients who are treated with either tooth supported prostheses or endosseous implants, increasingly tend to expect that the respective prosthetic suprastructures cannot be recognized as such. The primary therapeutic objective being the predictable achievement of a long term esthetic and functional result. This trend represents a particular challenge as implants are more and more utilized in clinical situations where conventional tooth-borne fixed partial dentures with a well established potential prognosis would be possible.

As a consequence, predictability, longevity, superior cosmetics, minimal invasiveness, cost-effectiveness, as well as a clearly defined, evidence-based decision making process which should comprise comprehensive risk assessment, will be specifically addressed in this presentation. Where available, systematic reviews and randomized clinical trials will be briefly discussed. Furthermore, the related step-by-step clinical protocols and procedures will be presented in detail, including ceramic veneers, posterior bonded porcelain and indirect composite restorations, metal-ceramic and all-ceramic full crowns, resin-bonded bridges, conventional fixed partial dentures, and dental implants.

**Curriculum Vitae:** Dr. Belser was born in Zurich, Switzerland, and completed his undergraduate studies at the Dental Institute, University of Zurich, graduating in 1972. He obtained his Doctor's degree (Dr. med. dent.) in 1974. He did his postgraduate training in Fixed Prosthodontics and Occlusion from 1973 - 1976. He was Assistant Professor and then, Senior Lecturer in the Department of Fixed Prosthodontics and Dental Materials at the University of Zurich from 1976 to 1980. He was visiting Assistant Professor in the Departments of Oral Biology and Clinical Dental Sciences at the University of British Columbia, Canada, from 1980-1982. From 1982 to 1983 he was Senior Lecturer in the Department of Fixed Prosthodontics and Dental Materials at the University of Zurich. Since 1983 he has been Professor and Head of the Department of Fixed Prosthodontics and Occlusion at the University of Geneva Dental Institute. He was President of the Swiss Association of Prosthetic Dentistry (1984-1988) and President of the European Association of Prosthodontists (2002-2003). He was recipient of the Scientific Research Award of the Greater New York Academy of Prosthodontics in 2002. His research activities include the fields of functional behaviour of the muscles of mastication, periodontal prosthesis, dental ceramics, adhesive prosthodontics and endosseous implants.



Joerg R. Strub, DMD, PhD

**"CAD-CAM in Restorative Dentistry"**

Learning Objectives: 1. Quality, manufacturing and cost of CAD-CAM restorations, 2. Performance of available systems, 3. Overview of CAD-CAM at the present time.

**Synopsis:** CAD-CAM fabricated veneers, inlays/onlays, and bridges guarantee a high material quality, a standardized manufacturing process, and a reduction in costs. The performance of the available systems greatly differ in relation to materials used, the quality, and the quantity of the produced units. This presentation gives an overview of CAD-CAM at present and its application and performance in restorative dentistry.

**Curriculum Vitae:** Dr. Joerg R. Strub received his DDS, D. Med. Dent. and PhD degrees from the University of Zurich, Switzerland. He was a Visiting Professor of Biomaterials at Louisiana State University and was formerly an Associate Professor and Co-Director of the Graduate Program in Periodontal Prosthetics at the University of Zurich. Since 1988, Dr. Strub has been Professor and Chair of the Department of Prosthodontics at the Albert-Ludwig University in Freiburg, Germany. Dr. Strub is married and has one child.



Kenneth A. Malament, DDS, M.Sc. D.

**"Choosing the Appropriate Crown for Different Areas of the Mouth: Esthetics Versus Long-term Prognosis"**

Learning Objectives: 1. Improvements in dental ceramics, 2. All-ceramic materials, 3. Life history and fracture rates on all ceramic restorations, 4. Factors that affect success with all ceramic restorations.

**Synopsis:** Dental ceramics have improved in versatility, scientific understanding, and the quality of clinical applications. They are the most consistently predictable esthetic dental materials. All-ceramic materials were developed to improve ceramic color and marginal fit but different in-vitro material testing methodologies might present conflicting strength analysis. New evidence in ceramic science and clinical data will be discussed on complete and partial coverage restorations. Life history and fracture rates on more than thirty-four hundred Empress, InCeram, and Dicor restorations will be discussed in relationship to factors that might affect success. These factors are overall tooth position, axial core material, ceramic etching and bonding, type of luting agent, type of tooth preparation finish line and ceramic thickness measured at seven points. This presentation will report on data that was analyzed using a variety of statistical models and analysis, and reflect on the use of metal ceramic materials.

**Curriculum Vitae:** Dr. Malament received his DDS from NYU College of Dentistry and a Master's Degree from Boston University School of Graduate Dentistry. He is an Examiner for, and Diplomate of, the American Board of Prosthodontics. In Boston, he has a full time practice that includes a dental laboratory with Master Dental Technologists. He is a Clinical Professor at Tufts University in postgraduate prosthodontics. Dr. Malament is the President of the Greater New York Academy of Prosthodontics, President of the Northeastern Prosthodontic Society, Secretary of the American College of Prosthodontists, and Secretary-Treasurer of the International College of Prosthodontists. He is a Fellow of the American College of Prosthodontists, Greater N.Y. Academy of Prosthodontics, Academy of Prosthodontics, and Northeastern Gnathological Society and an active member of The American Academy of Fixed Prosthodontics, American Academy of Esthetic Dentistry and the Academy of Osseointegration. He was on the research and development teams for two different well known ceramic products and developed instrumentation used in clinical practice. He has been a consultant to three journals and has published in the dental literature in the areas of all-ceramic survival statistics, fixed and implant prosthodontics, risk analysis, occlusion, material science and periodontics.

**ANNUAL ACADEMY LUNCHEON**

**PRESENTATION OF THE STANLEY D. TYLMAN  
RESEARCH AWARDS FOR 2004\***

DR. STEVEN M. MORGANO  
CHAIRMAN, TYLMAN RESEARCH COMMITTEE

**FIRST PLACE WINNER**

Dr. Philip L. B. Tan  
University of Iowa  
"The Effect of Metal Ceramic Restoration Framework Design on Tooth Color"  
Program Director: Dr. Dennis J. Weir  
Research Director: Dr. Steven A. Aquilino

**SECOND PLACE WINNER**

Dr. Si-Woo Park  
University of Maryland  
"Ceramic Implant Abutments: Cutting Efficiency and Resultant Surface Finish"  
Program Director: Dr. Carl F. Driscoll  
Research Director: Dr. Carl F. Driscoll

**UNDERGRADUATE FACULTY AWARD FOR  
EXCELLENCE IN TEACHING**

Dr. Jack Edge, Chairman  
2005 Awardee: Dr. Myung B. Chang  
UNMC College of Dentistry

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

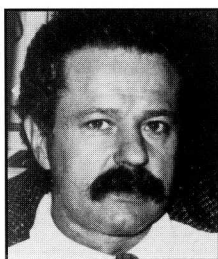
Dr. Stephen D. Campbell  
Chairman, George H. Moulton Award Committee

**2005 Recipient: Dr. Charles J. Goodacre**

**PRESENTATION OF NEW AAFP MEMBERS**

Dr. Peter S. Lund  
President, AAFP  
Dr. Igor Pesun  
Chairman, Credentials Committee

**\*We wish to acknowledge the generous support of  
the following corporate sponsor for the Tylman Award  
The Editorial Council of the Journal of  
Prosthetic Dentistry.**



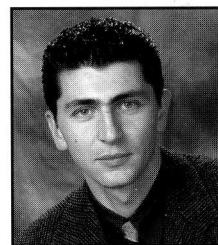
Willi Geller, Master Ceramist

**"Then and Now: How Have New Materials Changed the Way We Communicate With the Laboratory"**

**Learning Objectives:** 1. Advanced techniques using all types of ceramics, 2. Techniques using minimally invasive techniques, 3. Techniques that will change the way we operate and communicate.

**Synopsis:** Mr. Geller will discuss advanced techniques using all types of dental ceramics including porcelain veneers. He will speak about conventional restorative techniques, as well as new minimally invasive techniques that produce beautiful results while preserving precious tooth structure. These new techniques will change the way we operate and will demand increased communication between the doctor and laboratory technician.

**Curriculum Vitae:** Mr. Willi Geller has lived in Zurich, Switzerland, for the past 40 years where he has operated his own dental laboratory. He has been involved with the development of dental ceramics for 25 years, which included development of Creation porcelain. Mr. Geller has lectured extensively on all aspects of ceramics in dentistry and is recognized as an authority by his peers.



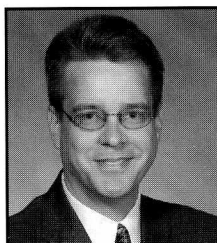
Oliver Tric, MDT

**"The Anterior Single Crown: Achieving Optimum Results Utilizing Direct Technician and Patient Contact"**

**Learning Objectives:** 1. Predictable results for the anterior single tooth, 2. Customized layering techniques, 3. Esthetic Factors

**Synopsis:** This lecture will provide the insight necessary to achieve brilliant and predictable results for one of the most difficult cases we face in the dental laboratory, the single anterior tooth. There will be a strong emphasis placed on customized layering techniques, as well as proper shape, color, texture, and luster. These esthetic factors, combined with direct patient contact and open communication with the doctor provide the foundation for creating the ideal restoration.

**Curriculum Vitae:** Mr. Tric is a truly gifted and highly passionate dental technician from the heart of France. Mr. Tric began his apprenticeship in France's dental laboratories while attending both the College of Leonardo DiVinci and the University of Pharo. He has worked for many years both in France and, more recently, the United States.



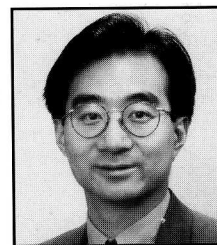
Todd A. Fridrich, CDT, FNBC

**"Achieving Optimum Esthetic and Functional Results Using  
Traditional Laboratory Communication Methods"**

**Learning Objectives:** 1. The challenge of color matching of the natural dentition, 2. The failure of traditional communication methods, 3. Present standard of laboratory communication.

**Synopsis:** Consistent matching of natural dentition with indirect restorations remains a challenge in most dental practices. Minor discrepancies in color and contour prevent restorations from reaching their full esthetic potential. Traditional communication methods have failed to provide reliable esthetic outcomes. This presentation will examine the evolving standard of practical laboratory communication necessary for optimal results.

**Curriculum Vitae:** Todd A. Fridrich, CDT, FNBC is a Fellow of the National Board for Certification and the International Team for Implantology (ITI). He holds certificates in both Crown and Bridge and Ceramics. Prior to joining Straumann as a Technical Specialist, he served as a Dental Technology instructor for the Graduate Prosthodontics Program at the University of Iowa for over twelve years.



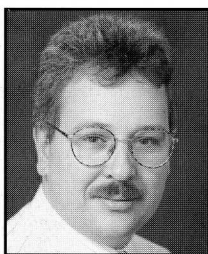
Joseph Kan, DDS, MS

**"Predictable Peri-Implant Gingival Esthetics"**

**Learning Objectives:** 1. The challenge in achieving predictable anterior implant esthetics, 2. Understanding the biologic and physiologic limitations of tissues, 3. Proper implant positioning, 4. Current implant treatment philosophies.

**Synopsis:** Achieving predictable anterior implant esthetics is often challenging for the clinicians. To create anterior implant restorations with harmonious gingival contour that emulate nature is a fusion of science and art. Understanding the biologic and physiologic limitations of soft and hard tissue along with proper implant positioning will facilitate predictability in simple to complex esthetic situations. This presentation will focus on current implant treatment philosophies and methodologies for tooth replacement in the esthetic zone. In addition, long-term results (up to 9 years) as well as the benefits of immediate loading of anterior single tooth restorations will be presented.

**Curriculum Vitae:** Dr. Kan completed his training in Prosthodontics and Implant Dentistry at Loma Linda University School of Dentistry in 1997. Dr. Kan is currently an Associate Professor and maintains a private practice limited to Prosthodontics and Implant Surgery. His honors include the 1997 Best Research Award from the Academy of Osseointegration and the 2003 Judson C. Hickey Award from the Journal of Prosthetic Dentistry. Dr. Kan is a member of the Editorial Board for Practical Procedures and Aesthetic Dentistry. Dr. Kan belongs to numerous Prosthodontic organizations.



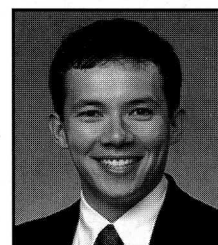
Dean Morton, BDS, MS

**"Single Stage Implants: Esthetic and Functional Considerations"**

**Learning Objectives:** 1. Treatment with single-stage implant supported prostheses, 2. Improvement in esthetic outcomes, 3. Restoration-based planning and treatment in the "esthetic zone"

**Synopsis:** Treatment of patients exhibiting complete and partial edentulism with single-stage implant supported prostheses is well documented and has become routine. The predictability of esthetic outcomes in particular continues to improve with implant morphology and advancing knowledge with regard to the biological basis for treatment. This presentation will consider restoration-based planning and treatment of patients missing teeth in the "esthetic zone". Emphasis will be placed on principles applicable to single-stage implants and clinical treatment procedures.

**Curriculum Vitae:** Dr. Morton completed his dental training in Prosthodontics at the University of Iowa. He joined the faculty at the University of Florida in 1995, serving as Director of Advanced Education (1996-1999). He is currently Associate Professor in the Department's of Oral and Maxillo-Facial Surgery and Diagnostic Sciences and Prosthodontics at the University of Florida. Dr. Morton is a Diplomate of the American Board of Prosthodontics, a Fellow of the American College of Prosthodontists, the International College of Dentists and the ITI. He maintains a practice limited to Prosthodontics within the Center for Implant Dentistry.



Philip L. B. Tan, BDS, MS

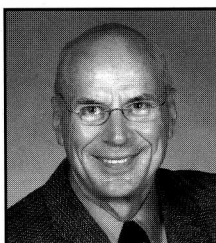
**"Prosthodontic Versus Surgical Management of Ridge Deficiencies"**

**Learning Objectives:** 1. Effectiveness of a uniform ferrule; 2. Effectiveness of a non-uniform ferrule, 3. Resistance to static loading with uniform and non-uniform ferrule configurations.

**Synopsis:** The in-vitro effectiveness of a uniform circumferential ferrule has been established in the literature; however, the effect of a non-uniform circumferential ferrule height on fracture resistance is unknown. This in-vitro study investigated the resistance to static loading of endodontically treated teeth with uniform and non-uniform ferrule configurations.

**Curriculum Vitae:** Dr Philip Tan received his BDS from the University of Melbourne in 1997. During this time he won the Pierre Fuchard Academy Award, the Prosthodontics Prize, and the Entrance Scholarship to Queen's College. He earned his Graduate Diploma in Clinical Dentistry (Endodontics and Prosthodontics) from the University of Melbourne in 2000, and his Certificate in Prosthodontic and MS in Oral Science from The University of Iowa in 2004. Before completing his graduate education at the University of Iowa College of Dentistry, Dr. Tan was the undergraduate endodontics supervisor at the School of Dental Science, University of Melbourne. He also practiced general dentistry in Victoria, Australia. Dr. Tan is currently a Family Dentistry Group Leader, involved in the clinical and didactic education of senior dental students. He also teaches in the freshman preclinical Occlusion course. Dr. Tan is a member of the American Prosthodontic Society, the American College of Prosthodontists, The American Dental Association, and the Australian Dental Association. He has also reviewed for the *Journal of Prosthodontics*. Dr. Tan's research interests have encompassed clinical decision making regarding dental caries, mechanical properties of endodontically treated teeth, and physical characteristics of CAD/CAM restorations.





Gerald E. Denehy, DDS, MS

**"An Update in Vital Tooth Whitening"**

**Learning Objectives:** 1. Different bleaching options, 2. Advantages and disadvantages, 3. Long-term effectiveness, 4. Indications and techniques for whitening.

**Synopsis:** Tooth whitening is currently one of the most rapidly growing of all dental related procedures. This lecture will review the different patient bleaching options available including over-the-counter, dentist supervised, and in-office methods, with emphasis on advantages and disadvantages as well as long-term effectiveness. Indications and techniques for using whitening to facilitate restorative treatment procedures will be presented.

**Curriculum Vitae:** Dr. Gerald Deheny is a Professor and Graduate Program Director in the Department of Operative Dentistry at the University of Iowa College of Dentistry. He is author of one book and over one hundred articles on Operative Dentistry. Dr. Deheny has lectured widely both nationally and internationally. His part-time private practice is devoted primarily to esthetic dentistry.



David Schwab, PhD

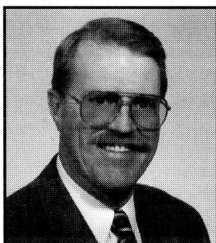
**"Taking Your Prosthodontic Practice to the Next Level"**

**Learning Objectives:** 1. Attracting and educating the right patients, 2. Communication issues, 3. User-friendly, practical advice, 4. Patient education: treatment benefits working smarter.

**Synopsis:** It's not just about attracting patients - it's about attracting the right patients and educating them about the benefits of prosthodontics. Focusing on communications issues, this entertaining and informative lecture provides attendees with user-friendly, practical advice that they can take back to their offices and implement immediately. Designed for doctors who place an emphasis on fixed prosthodontics, this lecture addresses important issues such as developing the practice's niche, educating patients about the benefits of treatment, working smarter not harder, and improving communications.

**Curriculum Vitae:** Dr. David Schwab is an internationally known seminar speaker and practice management consultant who has worked with dental professionals since 1983. He has previously served as Director of Marketing for the American Dental Association and as Executive Director of the American College of Prosthodontists. In 1989, he founded his own marketing consulting firm, David Schwab & Associates, Inc.. Located in the Orlando, Florida area, the company provides in-office seminars and other practice management services for fee-for-service dentists in the U. S. and Canada.





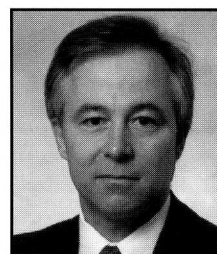
Mr. James R. Clark, Photographer

**"Digital Clinical Photography, What's New?"**

Learning Objectives: 1. Value of photography as a tool for practicing dentists and educators, 2. New dimension in communication, 3. Latest advances in digital clinical photography.

**Synopsis:** Dental Photography is an extremely valuable tool for practicing dentists and dental educators. The old adage "a picture is worth a thousand words" is never truer when discussing a patient's dental concerns. Digital imaging adds a new and exciting dimension to communicating with patients, referring dentists, and specialists. The latest advances in digital clinical photography will be discussed.

**Curriculum Vitae:** Mr. James Clark joined the staff of the University of Washington Dental Photography Department in 1972. Since 1980 he has been teaching dental photography to graduate students, and now, all undergraduate dental students at the University of Washington. He has lectured nationally and internationally. Over the last four years he has authored five articles on photography for dentistry.



Stephen D. Campbell, DDS, MMSc

**"Making the Best Choices for our Partially and Completely Edentulous Patients"**

Learning Objectives: 1. Changes in Prosthodontics, 2. Treatment alternatives, 3. Factors effecting treatment outcomes, 4. Demographics of partially edentulous populations.

**Synopsis:** Prosthodontics has changed in a way that few envisioned. Changing technology and patient care trends have expanded our scope of patient therapy. The result has been that our practices and patient care alternatives have become more diverse and complex. The first choice treatment alternatives are changing. Unlike much of our conventional therapy, the dental implant literature is rich in its range of clinical studies. Treatment outcomes are influenced by systemic factors, local factors, surgical considerations, surgical development, implant design, complications, prosthesis design, economic factors, and patient expectations. This presentation will review the demographics of the partially edentulous patient populations. It will also compare implant-supported therapy with our conventional alternatives that include fixed and removable prostheses, as well as endodontics. The best supporting evidence will be provided for a variety of decision-making scenarios from diagnosis to treatment planning and actual patient care. This presentation will consider how the existing evidence supports our techniques and patient care in prosthodontics. Are we making the best choices given the prevailing evidence?

**Curriculum Vitae:** Dr. Stephen D. Campbell received his DDS from the Medical College of Virginia. He completed an Advanced Program in Prosthodontics at Harvard School of Dental Medicine and a Master of Medical Science Degree with a biomaterials focus at Harvard University, in conjunction with the Massachusetts Institute of Technology. Dr. Campbell is a Diplomate of the American Board of Prosthodontics and is active in several dental organizations. He is Past-President of The American Academy of Fixed Prosthodontics and the International Association of Dental Research Prosthodontics Section. Dr. Campbell is one of seven examining members of the American Board of Prosthodontics and is presently serving as Vice-President of the Board. He recently was elected Vice-President of the American College of Prosthodontists and chair their Prosthodontic Forum. Dr. Campbell is Professor and Head of the Department of Restorative Dentistry and Director of the Comprehensive Dental Implant Center at the University of Illinois at Chicago. He has been active in dental research throughout his career, having been the principal investigator for several NIH grants dealing with ceramics.