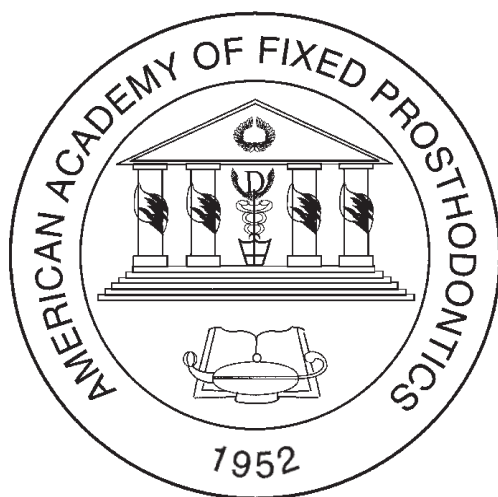


**THE AMERICAN ACADEMY
OF FIXED PROSTHODONTICS**



PLANNING & ACHIEVING
EXCELLENCE IN PATIENT CARE

62ND ANNUAL SCIENTIFIC SESSION

Friday, February 22, 2013

Saturday, February 23, 2013

CHICAGO MARRIOTT DOWNTOWN
7TH FLOOR BALLROOMS I, II, III

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TENTATIVE 2014 MEETING DATE
February 21-22, 2014

The American Academy of Fixed Prosthodontics provides programs for its members that support its mission to foster excellence in the field of fixed prosthodontics, including promoting excellence in patient care and enhancing the professional lives of its members.

Continuing education programs are planned, developed, and managed by the AAFP Program Chair in consultation with the Continuing Dental Education Compliance Committee; the programs are in accordance with the Academy's mission and goals and the content includes the results of responses obtained from the written comments provided by course participants on the evaluation form.

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12.5 hours credit for this course

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, implants, and esthetic dentistry 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, implants, and esthetic dentistry.
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

2013 DIAMOND SPONSOR



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2013 SILVER SPONSOR



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THE ORIGIN AND HERITAGE OF THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS

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

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

The Academy originated in 1950 in Chicago, Illinois. The three men who deserve credit for its concept and preliminary planning are 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 Drs. 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 took place in 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 nearly 600 active and life members in 24 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	* John H. Emmert.....1983
* Robert P. Dressel.....1954	* Alfred C. Macaluso.....1984
* E. David Shooshan.....1955	Ernest B. Mingledorff.....1985
* Earl Allen Nelson.....1956	Herbert Ptack.....1986
* L. Walter Brown, Jr.....1957	Ralph A. Yuodelis.....1987
* George H. Moulton.....1958	* William D. Culpepper.....1988
* Francis B. Vedder.....1959	Ronald G. Granger.....1989
* Stanley D. Tylman.....1960	Maurice H. Martel.....1990
* William H. Hagen.....1961	Ronald D. Woody.....1991
* Everett Carl Brooks.....1962	Albert J. Kazis.....1992
* Ernest B. Nuttall.....1963	* William L. Nequette.....1993
* Fred Norman Bazola.....1964	Dale L. Timberlake.....1994
* John D. Adams.....1965	Jesse T. Bullard.....1995
* Robert Conley Zeisz.....1966	Harvey L. Colman.....1996
* Willis Edward Corry.....1967	Gerald J. Ziebert.....1997
* Joseph E. Ewing.....1968	Richard D. Wilson.....1998
* E. Edward Kraus.....1969	Denny M. Smith.....1999
Raymond M. Contino.....1970	Davis A. Garlapo.....2000
* Douglas H. Yock.....1971	Stephen D. Campbell.....2001
* Philip Williams.....1972	Richard R. Cavanaugh.....2002
* Douglas M. Lyon.....1973	John T. Goodman.....2003
Kenneth A. Morrison.....1974	William W. Nagy.....2004
* Robert Sheldon Stein.....1975	Peter S. Lund.....2005
* John M. Schlick.....1976	H. Philip Pierpont.....2006
* Charles L. Ziegler.....1976	Jane D. Brewer.....2007
Charles J. King.....1977	Martin F. Land.....2008
* Samuel E. Guyer.....1978	John R. Agar.....2009
* Roland W. Dykema.....1979	Kent L. Knoernschild.....2010
* Wade H. Hagerman, Jr.1980	Stephen F. Rosenstiel.....2011
Robert D. Jeronimus.....1981	J. Robert Kelly.....2012
* Lloyd L. Miller.....1982	Carl F. Driscoll.....2013

* Deceased



DR. CARL F. DRISCOLL

President, 2012-2013

Let me extend my personal welcome to all Members, Residents, and Guests attending the 62nd Annual Meeting of the American Academy of Fixed Prosthodontics (AAFP). Considered the premier winter continuing education meeting, AAFP Program Chairs John Agar and Radi Masri have brought together a fantastic array of experts to present at the scientific session. Combined with longer breaks, a great weekend of academic camaraderie is guaranteed!

Special recognition is in order for Jack Lipkin as this is his last meeting as Meeting Director. Jack has served the Academy since 2005, making sure that the meetings go off without the attendees even noticing the many "mini-fires" that he puts out on an annual basis. The reason that this is Jack's last year in this position is that he now serves as Vice President of the AAFP. Please take the time to thank Jack for his outstanding contributions over the years and his willingness to continue to serve the Academy as an Officer. Igor Pesun has agreed to take over the position of Meeting Director and the Academy is also grateful for his continued service.

Special thanks also to our new Academy Secretary Steve Rosenstiel, who has greatly aided me in my Presidential year. As a previous President of the Academy, his institutional knowledge and insight have been invaluable. Thanks are also given to the Officers of the Academy: Julie Holloway, Jack Lipkin, Immediate Past President Bob Kelly, Treasurer Rick Jordan, Parliamentarian Martin Land, and our Directors Hiroshi Hirayama, Stanley Vermilyea, David Burns, Charles Goodacre, Gerry Santulli, Alejandro Peregrina, and Patchnee Rungruanganunt. These are the ones who will lead the Academy into the future. We are in great hands!

Further thanks to Radi Masri for upgrading the website of the Academy, building on the previous efforts of Julie Holloway and Peter Lund.

In addition, the Academy is always on the lookout for members to volunteer to serve on the various committees. Please remember that these committees are filled a year in advance. Anyone desiring to serve should contact Jack Lipkin, as he will be filling his open positions over the next few months.

I thank you all for the honor of serving as your President and look forward to seeing you each and every February for the best meeting in the nation!

A handwritten signature in black ink that reads "Carl F. Driscoll". The signature is written in a cursive, flowing style.

Carl F. Driscoll, President

OFFICERS AND DIRECTORS 2012-2013
STANDING COMMITTEES 2012-2013
AMERICAN ACADEMY OF FIXED PROSTHODONTICS

President

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650 West Baltimore Street, Rm 4219
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Email: cdriscoll@umaryland.edu

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Vice President

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Past President

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Phone: 866-254-0280
Email: aafpjordan@bellsouth.net

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Phone: 617-636-6598 | Email: hiroshi.hirayama@tufts.edu

Dr. Stanley Vermilyea

1118 Abington Court, Westerville, OH 43082-7442

Phone: 614-899-2573 | Email: svermily@columbus.rr.com

DIRECTOR 2014

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Virginia Commonwealth University

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Richmond, VA 23298-0566

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Loma Linda, CA 92350-0001

Phone: 909-558-4683 | Email: cgoodacre@llu.edu

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Phone: 703-360-0790 | Email: gsantulli@cox.net

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Columbus, OH 43210

Phone: 614-247-8389 | Email: peregrina.1@osu.edu

Patchanee Rungruanganunt

University of Connecticut Health Center

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Farmington, Connecticut 06030-1615

Phone: 860-392-9238 | Email: patch@nso1.uchc.edu

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650 W. Baltimore St., 6 North, Office #6253 Baltimore, MD 21201

Phone: 410-706-7047 | Email: rmagri@umaryland.edu

CREDENTIALS COMMITTEE

Sangeetha Raghavendra 2014, Chair
Cornell Lee 2013, Secretary
Nancy Clelland 2013
Marco Padilla 2013
Avi Bidra 2014
Geoff Thompson 2014
Caroline Nguyen 2015

JPD EDITORIAL LIAISON

Kevin Plummer 2015

PROGRAM COMMITTEE

John Agar 2013, Program Co-Chair
Radi Masri 2013, Program Co-Chair
Nancy Chaffee 2014
Charles Goodacre, Ex Officio
Julie Holloway, Ex Officio
Ariel Raigrodski, Ex Officio
John Townsend, Ex Officio

LOCAL ARRANGEMENTS COMMITTEE

Damian Lee 2015, Chair
Anthony Montella 2014
Alex Chan 2014
Randy Vaughan 2014
Keith Guzaitis 2014
Len Lofstrom 2014
Myron Winer 2014, AV Consultant

GEORGE MOULTON AWARD COMMITTEE

John Agar 2013, Chair
Steve Aquilino 2013
Ron Woody 2014
Steve Morgano 2014
Radi Masri 2015

STRATEGIC PLANNING COMMITTEE

Hiroshi Hirayama 2015, Chair
Nadim Baba 2014
Ken Gehrke 2013
Elena Nazarova 2014
Lino Calvani 2015
J. Robert Kelly 2013

POSTER PROGRAM COMMITTEE

Sarit Kaplan 2016, Chair
Patchnee Rungruanganunt 2014
Greg Libby 2013
Mijin Choi 2015

TYLMAN RESEARCH COMMITTEE

Stan Vermilyea 2013, Chair
Mathew Kattadiyil 2013
Fei Liu 2013
Craig Nietzke 2014
Lillian Mitchell 2014
Hai Zhang 2015

NOMINATING COMMITTEE

J. Robert Kelly 2015, Chair
Kent Knoernschild 2013
Stephen Rosenstiel 2014
Julie Holloway, President-Elect, 2016
Jack Lipkin, Vice-President, 2015

ARCHIVAL COMMITTEE

Ron Woody 2016, Chair
Art Rodriguez 2015
Martin Land 2013

BYLAWS COMMITTEE

Martin Land, Chair
Elena Nazarova 2013
Curtis Werking 2016

BUDGET AND FINANCE COMMITTEE

James Dunne 2013, Chair
David Gratton 2014
Julie Holloway, President-Elect, Ex Officio
Jack Lipkin, Vice-President, Ex Officio
Rick Jordan, Treasurer, Ex Officio

PUBLICITY AND COMMUNICATIONS COMMITTEE

Sarita Arteaga 2014, Chair & Newsletter Editor
Elena Nazarova 2014, Photographer
Sangeetha Raghavendra 2014, Consultant
Stephen Rosenstiel, Ex Officio

ETHICS COMMITTEE

Jack Lipkin, Vice President and Chair
Stan Vermilyea 2013
J. Stephen Brousseau 2015

CLAUDE R. BAKER TEACHING AWARD IN FIXED PROSTHODONTICS

Soraya Villarroel 2013, Chair
Ariel J. Raigrodski 2014
Alvin Wee 2014
Mijin Choi 2015
Lillian Mitchell 2015

INFORMATION TECHNOLOGY COMMITTEE

Radi Masri 2017, Chair
Carl Driscoll 2013
Shereen Azer 2014

COMMITTEE FOR THE GARVER-STAFFANOU PROSTHODONTIC RESIDENCY EDUCATOR AWARD

Steve Morgano 2014, Chair
Kent Knoernschild 2013
Gerald Ziebert 2015
Craig Neitzke 2015
Mathew Kattadiyil 2016

EXHIBITS COMMITTEE

Alejandro Peregrina 2013, Chair
Shereen Azer, 2015
Steve Raney 2016

RESEARCH IN FIXED PROSTHODONTICS

Committee A:

Fei Liu 2014, Chair
Hai Zhang 2014
Peter Barndt 2014

Committee B:

Van Ramos 2013, Chair
J. Stephen Brousseau 2013
Avi Bidra 2013
Kevin Plummer, Ex Officio

AD HOC COMMITTEES 2012-2013

AD HOC COMMITTEE FOR CORPORATE SUPPORT

Kent Knoernschild, Chair

Stan Vermilyea

Alejandro Peregrina

John Agar

AD HOC COMMITTEE FOR DENTAL LABORATORY TECHNICIAN SUPPORT

Burney Croll, Chair

Peter Lund

Sarah Johnson

STANDING PRESIDENTIAL APPOINTMENTS 2012-2013

PARLIAMENTARIAN

Martin Land

SECRETARY FOR GUESTS

Richard Jordan

MEETING DIRECTOR

Jack Lipkin

Igor Pesun, Assistant Director

CHAPLAINS

Earl Stover

Sarita Arteaga

ACP PROSTHODONTIC FORUM REPRESENTATIVES

Carl Driscoll

Julie Holloway, Alternate

PREVIOUS 1ST PLACE WINNERS OF THE TYLMAN AWARD

1979:	James N. Ciesco
1980:	Boris Schwartzman
1981:	Timothy O. Hart
1982:	Not awarded
1983:	David Alan Chance
1984:	Jeffrey L. Hudgins
1985:	George W. Kay
1986:	Anthony J. G. Dickinson
1987:	Izchak Bartzilay
1988:	Susan E. Brackett
1989:	Not awarded
1990:	Shane N. White
1991:	Not awarded
1992:	Not awarded
1993:	Louis Menegotto
1994:	Syed Faheem Rasool
1995:	Fonda G. Robinson
1996:	Paula K. Yliheikkila
1997:	Kevin H. O'Boyle
1998:	David G. Gratton
1999:	Douglas E. Ford
2000:	Reza Heshmati
2001:	Salman A. Lakhani
2002:	Periklis Proussaefs
2003:	Luis Keys
2004:	Vanessa Swain
2005:	Philip Tan
2006:	Kelly Copps Wood
2007:	Heather J. Conrad
2008:	Keith L. Guzaitis
2009:	Islam Khasawneh
2010:	Daniel Domagala
2011:	Seok-Hwan Cho
2012:	Monica Parekh

*date listed is date awarded - award adjudicated in the preceding year

*Special thanks to the
Editorial Council of the Journal of Prosthetic Dentistry
for its ongoing support of the
Tylman Research Program*

PREVIOUS 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.
2000:	Lloyd L. Miller
2001:	Ralph Yuodelis
2002:	Robert S. Staffanou
2003:	Maurice H. Martel
2004:	Ronald D. Woody
2005:	Charles J. Goodacre
2006:	Kenneth Malament
2007:	Stephen D. Campbell
2008:	Don G. Garver
2009:	Steven Aquilino
2010:	Harold Litvak
2011:	Bill B. Lefler
2012:	Denny M. Smith

PREVIOUS BAKER AWARD RECIPIENTS

2003:	Alvin Wee
2004:	Ariel Raigrodski
2005:	Nyung G. Chang
2006:	Patchnee Rungruanganunt
2007:	Shigemi Ishikawa-Nagai
2009:	Nadim Baba
2010:	Mijin Choi
2011:	Lillian M. Mitchell
2012:	Judy C-C Yuan

PREVIOUS GARVER-STAFFANOU PROSTHODONTIC RESIDENCY EDUCATOR AWARD RECIPIENTS

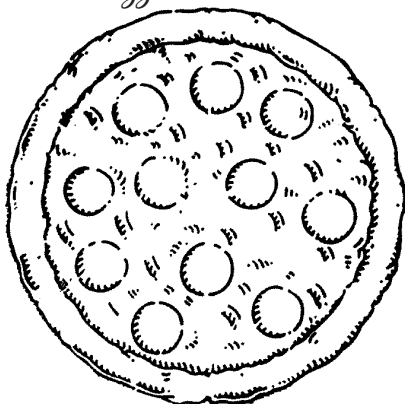
2010:	Gerald Ziebert
2011:	Carl Jerry Andres
2012:	John R. Agar

PREVIOUS HONORARY MEMBERS

1956:	Oscar P. Snyder
1958:	Arthur O. Klaffenbach
1958:	Ralph W. Malone
1959:	George M. Hollenback
1961:	Floyd A. Peyton
1976:	Ralph Phillips
1976:	Robert J. Nelsen
2012:	Charles Gibbs

Members Annual Business Meeting

with Pizza and Drinks



THURSDAY, FEBRUARY 21, 2013

4:30 - 5:00 PM

Early Registration for Members
4th Floor, Halsted Foyer

5:00 - 7:00 PM

*Members Annual Business Meeting
with Pizza and Host Bar*
4th Floor, Marriott Ballroom

Attendance at these events is restricted to Academy Members.

Past Presidents' and New Members' Breakfast

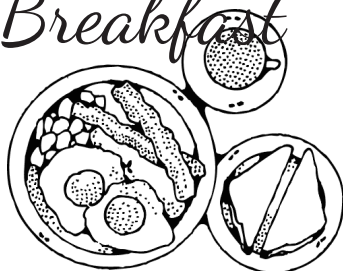
SATURDAY, FEBRUARY 23, 2013

7:00 AM,

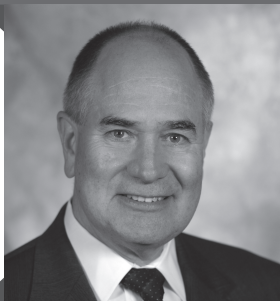
Lincolnshire Room

Salon I & II (6th Floor)

New Members, Past Presidents, Officers,
Directors Only Please.



2013 PROGRAM CO-CHAIRS



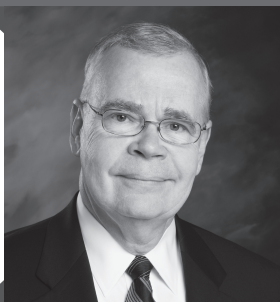
Dr. John Agar & Dr. Radi Masri

2014 PROGRAM CHAIR



Dr. Nancy Chaffee

2012 PROGRAM CO-CHAIRS



Dr. Charles Goodacre & Dr. Julie Holloway

EXHIBITOR DIRECTORY

Dr. Alejandro Peregrina, Chair Exhibits Committee

All breakfasts and coffee breaks are located in the Exhibit Hall,
Salon III, 7th Floor

Company	Booth
1. Ace Ceramic Studio	126
2. Atlantic Precious Metal Resources, Inc.	137
3. Biohorizons	113
4. Biomet 3i Bronze Sponsor*	134-135
5. Brasseler USA	104
6. BTS Bioengineering	111
7. BQ Ergonomics	110
8. Cusp Dental Laboratory	101
9. Centergistix	103
10. Dentsply Implants, Diamond Sponsor*	120-121
11. Designs For Vision	100
12. Dux Dental	125
13. GC America Inc.	127
14. GlaxoSmithKline	115
15. IBUR Biosystems	116
16. Ivoclar Vivadent, Silver Sponsor*	128-129
17. Kuraray America Inc.	117
18. Nobel Biocare, Platinum Sponsor*	130-131
19. Panadent	102
20. Quintessence Publishing Co. Inc.	122-123
21. SAM Präzisionstechnik GmbH	133
22. Sirona Dental Systems	106
23. Thommen Medical	132
24. Ultradent Products Inc.	124
25. Valley Dental Arts	114
26. Whip Mix Corporation	118-119
27. Zimmer	114

* Sponsors

POSTER PRESENTATIONS PROGRAM AAFP 2013

The American Academy of Fixed Prosthodontics
62nd Annual Scientific Session
Friday, February 22, 2013
The Chicago Marriott Hotel Downtown
5:15 - 7 :00 p.m. Chicago Ballroom, 5th Floor

- 1- Title: Effect of different restorative materials on the reliability of a veneering porcelain – First Place Tylman Award
Presenter: Dr. Matthew Anderson
Research Supv.: Dr. Kwok-Hung Chung
Program Dir.: Dr. Ariel J. Raigrodski
Institution: University of Washington, Graduate Prosthodontics
- 2- Title: An in vitro comparison of photogrammetric and conventional complete arch implant impression techniques - Second Place Tylman Award
Presenter: Dr. Junping Bergin
Research Supv.: Dr. Jeffrey Rubenstein
Program Dir.: Dr. Ariel J. Raigrodski
Institution: University of Washington, Graduate Prosthodontics
- 3- Title: The effect of provisional restorations surface treatment on the shear bond strength of bonded orthodontic brackets
Presenter: Dr. Sara Taweel
Mentor: Dr. Youssef S. Al Jabbari
Institution: Graduate Prosthodontics Residency Program, King Saud University, Riyadh, Saudi Arabia
- 4- Title: Anterior resin-bonded fiber reinforced interim fixed partial denture
Presenter: Dr. Hsin-Chi Yeh
Mentor: Dr. John A. Levon
Institution: Indiana University, Indianapolis, Indiana
- 5- Title: Canine substitution: a multidisciplinary approach to health, function and esthetics
Presenter: Dr. Andres Pappa
Mentor: Dr. J Hochstedler
Institution: Louisiana State University, Graduate Prosthodontics, New Orleans, LA
- 6- Title: Marginal fit of lithium disilicate copings fabricated from digital impressions vs VPS impressions
Presenter: Dr. Carolina Manguart
Mentor: Dr. William Nagy
Institution: Baylor College of Dentistry, Dallas, TX.
- 7- Title: Implant supported monolithic zirconia prosthesis in a full mouth rehabilitation: a clinical report
Presenter: Dr. Ramtin Sadid-Zadeh
Mentor: Dr. Ruth Aponte-Wesson
Institution: UAB School of Dentistry, Birmingham, AL

2013 POSTER PROGRAM CONTINUED

- 8- Title: Capacity of intraoral scanners in digitizing edentulous jaws: a feasibility study
 Presenter: Dr. Sebastian Patzelt
 Mentor: Prof. Dr. Dr. H.C. Jorg R. Strub
 Institution: University of Freiburg, Freiburg, Germany
 University of Maryland, Baltimore, MD, USA
- 9- Title: Effects of post length and cement type on the retention of Locator overdenture posts
 Presenter: Dr. Khalil Alesia
 Institution: King Saud University, Riyadh, Saudi Arabia
- 10-Title: Prospective seven year clinical investigation of extended all-ceramic veneers
 Presenters: Dr. Christian Selz & Dr. Petra Guess
 Institution: Albert Ludwigs University, Freiburg, Germany
- 11-Title: Effect of glutaldehyde-based dentin desensitizing agent on the retentive strength of a bioceramic luting agent
 Presenter: Dr. Fransiskus Andrianto
 Mentor: Dr. Anthony P. Randi
 Institution: Columbia University, New York, NY
- 12-Title: Long term evaluation of all-ceramic restorations on zirconia implants
 Presenters: Dr. Benedikt Spies & Dr. Ralf Kohal
 Institution: Albert Ludwigs University, Freiburg, Germany
- 13-Title: Alternative treatment of patient with loss of VDO
 Presenter: Dr. Dhara Patel
 Mentor: Dr. John Levon
 Institution: Indiana University, Graduate Prosthodontic Residency, Indianapolis, IN
- 14-Title: Gingival defect: an approach toward more esthetic outcome
 Presenter: Dr. Nadia Al-Angari & Dr. Eassa Alobaidi
 Mentor: Dr. John Levon
 Institution: Indiana University, School of Dentistry, Graduate Prosthodontic Residency, Indianapolis, IN
- 15-Title: Gingival defect: an approach toward more esthetic outcome
 Presenter: Dr. Alexis Morales
 Mentor: Dr. Rafael G. Castellon
 Institution: Nova Southwestern University, Fort Lauderdale, FL
- 16-Title: Utilizing an eccentric occlusal record in a CAD/CAM restoration process
 Presenter: Dr. James Doll
 Mentor: CAPT Curtis Werking
 Institution: Naval Postgraduate Dental School, Bethesda, MD

2013 POSTER PROGRAM CONTINUED

- 17-Title: Comparison of anterior preparation designs for CAD/CAM vs. pressed lithium disilicate restorations
 Presenter: Dr. Jacqueline Hogan
 Mentor: CAPT Curtis Werking
 Institution: Naval Postgraduate Dental School, Bethesda, MD
- 18-Title: Impact of reference plane variations on sagittal condylar inclination (SCI) for Cadiax
 Presenter: Dr. Derek Gatta
 Mentor: CAPT Curtis Werking
 Institution: Naval Postgraduate Dental School, Bethesda, MD
- 19-Title: Introduction of minimally invasive implant fixture removal technique; fixture split technique
 Presenter: Dr. Wonsup Lee
 Institution: Dental prosthodontics, St. Mary's Hospital, Catholic University of Korea
- 20-Title: Rehabilitation of the severely atrophic maxilla secondary to long standing sub-periosteal implant use
 Presenter: Dr. Sotirios Vrettos
 Mentor: Dr Michael Razzoog
 Institution: University of Michigan, Graduate Prosthodontics, Ann Arbor, MI
- 21- Title: Evaluating student tooth preparations using CAD/CAM technology
 Presenter: Dr. Eric Levine
 Institution: University of Maryland, Baltimore, Maryland
- 22- Title: 3D marginal fit of e.maxCAD crowns made from conventional and digital impressions
 Presenter: Dr. Evanthia Anadioti
 Mentor: Dr. Julie Holloway
 Institution: The Iowa College of Dentistry, Iowa City, IA
- 23-Title: Dental implant bone cement for initially unstable implants: a dog study
 Presenters: Dr. Soo Jeong & Dr. Wook-Jin Seong
 Mentor: Dr. Conrad Heather
 Institution: Postgraduate Prosthodontics, University of Minnesota, Minneapolis, Minnesota
- 24- Title: Retrieving cemented implant prostheses: methods in management of this clinical challenge
 Presenter: Dr. Peterson Huang
 Mentor: Dr. Carl Driscoll
 Institution: University of Maryland, Postgraduate Prosthodontics, Baltimore, Maryland

2013 POSTER PROGRAM CONTINUED

- 25- Title: Esthetic assessment of predoctoral anterior single tooth implant restorations
 Presenter: Dr. Emily Taylor
 Mentor: Dr. Cortino Sukotio
 Institution: University of Illinois at Chicago, Postgraduate Prosthodontic Residency
- 26- Title: Implant threads superimpose screw space on a periapical radiograph: a case report
 Presenters: Dr. Waled Alshhrani & Dr. Abdulaziz Binrayes
 Mentor: Dr. Michael Razzoog
 Institution: University of Michigan, Ann Arbor, MI
- 27- Title: Effect of clutch design on mandibular tracings
 Presenters: Dr. Dennis Waguespack & Dr. P'Jay Merrell
 Mentor: Dr. William Nagy
 Institution: Baylor College of Dentistry, Graduate Prosthodontics, Dallas, TX
- 28- Title: Three techniques for transferring soft tissue contours to Cadent iTero models
 Presenters: Dr. Maureen Libby & Dr. Edward Palos
 Mentor: Dr. William Nagy
 Institution: Baylor College of Dentistry, Graduate Prosthodontics, Dallas, TX
- 29- Title: Long term provisional restoration for a long span FDP
 Presenter: Dr. Carlos Sevilla
 Mentor: Dr. William Nagy
 Institution: Baylor College of Dentistry, Graduate Prosthodontics, Dallas, TX
- 30- Title: Abutment lengthening procedure on a palate-less maxillary overdenture
 Presenters: Dr. Sarah Allen & Dr. Maria Eager
 Mentor: Dr. William Nagy
 Institution: Baylor College of Dentistry, Graduate Prosthodontics, Dallas, TX
- 31- Title: Achieving adequate restorative space for a mandibular fixed detachable prosthesis
 Presenter: Dr. Despoina Bompolaki
 Mentor: Dr. William Nagy
 Institution: Baylor College of Dentistry, Graduate Prosthodontics, Dallas, TX
- 32- Title: Indirect temporization using polyvinyl siloxane dies
 Presenters: Dr. Taylor Goggins & Dr. James Fischer
 Mentor: Dr. William Nagy
 Institution: Baylor College of Dentistry, Graduate Prosthodontics, Dallas, TX

2013 POSTER PROGRAM CONTINUED

- 33- Title: The relationship between excessive anterior overlap and dental status
 Presenter: Dr. Steven Koutnik
 Mentor: Dr. Geoffrey Thompson
 Institution: Marquette University, School of Dentistry, Graduate Prosthodontics, Milwaukee, WI
- 34- Title: The effect of implant angulation and impression technique on impression accuracy
 Presenter: Dr. Gillian Alexander
 Mentor: Dr. Carl Driscoll
 Institution: University of Maryland, Postgraduate Prosthodontics, Baltimore, Maryland
- 35- Title: The effect of adhesive cementation techniques on marginal seal of porcelain veneers
 Presenter: Dr. Ismail Okasha
 Mentor: Dr. Carl Driscoll
 Institution: University of Maryland, Postgraduate Prosthodontics, Baltimore, Maryland
- 36- Title: Evaluation of the gelation time and setting time on polyvinyl-siloxane putty materials
 Presenters: Dr. Alex Delgado & Dr. Silvia Amaya-Pajares
 Mentor: Dr. Terri E. Donovan
 Institution: University of North Carolina at Chapel Hill
- 37- Title: Case presentation: obturator overdenture with CAD/CAM framework & zygomatic implants
 Presenter: Dr. Ellis Burke Jardine
 Mentor: Dr. J Hochstedler
 Institution: Louisiana State University, Graduate Prosthodontics, New Orleans, LA
- 38- Title: Acrylic teeth in implant supported fixed partial dentures
 Presenter: Dr. Paul Romriell
 Mentor: Dr. John Levon
 Institution: Fellow of Maxillofacial Prosthodontics, Indiana University, Indianapolis, Indiana
- 39- Title: Clinical acceptability of the internal gap of CAD/CAM Pd-Ag crowns using intraoral digital impressions
 Presenters: Dr. Tae-Gyung Kim & Dr. Sungtae Kim
 Mentor: Dr. Hongseok Moon
 Institution: College of Dentistry, Yonsei University, Seoul, Korea
- 40- Title: In vitro testing of the accuracy of a computerized pantograph
 Presenter: Dr. Richard Dryer
 Mentor: Dr. Heather Conrad
 Institution: Postgraduate Prosthodontics, University of Minnesota, Minneapolis, MN

2013 POSTER PROGRAM CONTINUED

- 41- Title: Restoration of the maxillary lateral incisor
Presenter: Dr. Diane Vo
Mentor: Dr. Carl Driscoll
Institution: University of Maryland, Postgraduate Prosthodontics, Baltimore, Maryland
- 42- Title: Implant fracture: current literature and removal techniques
Presenter: Dr. Noah Orenstein
Mentors: Dr. John Agar and Dr. Avinash Bidra
Institution: University of Connecticut, Postgraduate Prosthodontics
- 43- Title: Comparing clinical experiences of implant surgery with a stereolithographic and a laboratory-fabricated guide
Presenter: Dr. Yung Kim
Mentors: Dr. John Agar & Dr. Avinash Bidra
Institution: University of Connecticut, Postgraduate Prosthodontics, Farmington, CT
- 44- Title: Esthetic anterior fixed provisional restorations using polycarbonate veneers
Presenter: Dr. Anna Manzotti
Mentor: Dr. John Agar
Institution: University of Connecticut, Postgraduate Prosthodontics
- 45- Title: Comparison of porcelain fracture in metal ceramic and all ceramic restorations
Presenter: Dr. Choel Kim
Mentors: Dr. Mijin Choi and Dr. Francis Tung
Institution: NYU College of Dentistry, Postgraduate Prosthodontic Program
- 46- Title: Different modalities of designing implant supported metal ceramic restorations
Presenter: Dr. Dima Ghunaim
Mentor: Dr. Carl Driscoll
Institution: University of Maryland, Postgraduate Prosthodontics, Baltimore, Maryland
- 47- Title: Candida and the stressed patient
Presenter: Dr. Samuel Richards
Mentor: Dr. Carl Driscoll
Institution: University of Maryland, Postgraduate Prosthodontics, Baltimore, Maryland
- 48- Title: Antimicrobial fixed provisional materials
Presenter: Dr. Priscilla Sia
Mentor: Dr. Carl Driscoll
Institution: University of Maryland, Postgraduate Prosthodontics, Baltimore, Maryland

2013 POSTER PROGRAM CONTINUED

- 49- Title: Post glazing value changes of pressable lithium disilicate restorations
 Presenter: Dr. Ryan Zimmerman
 Mentor: COL Van Ramos
 Institution: United States Army Advanced Education in Prosthodontics, Fort Gordon, GA
- 50- Title: Occlusal vertical dimension challenge with a bonded full arch overlay prostheses: a case report
 Presenter: Dr. Brian Slighy
 Mentor: COL Van Ramos
 Institution: United States Army Advanced Education in Prosthodontics, Fort Gordon, GA
- 51- Title: The effects of various methods of repairing fracture denture bases on fracture strengths
 Presenter: Dr. Yinghan Tan
 Mentor: Dr. Carl Driscoll
 Institution: University of Maryland, Postgraduate Prosthodontics, Baltimore, Maryland
- 52- Title: A case report: utilizing wireless electromyography to assess occlusal stability
 Presenter: Dr. Aundrea Vereen
 Mentor: Dr. Hiroshi Hirayama
 Institution: Division of postgraduate prosthodontics, Tufts Univ., School of Dental Medicine, Boston, MA
- 53- Title: Treatment options for the fixed rehabilitation of the edentulous maxilla
 Presenter: Dr. Guillermo Zapata
 Mentor: Dr. John Agar
 Institution: University of Connecticut, Postgraduate Prosthodontics, Farmington, CT
- 54- Title: Paget's disease and dental implants
 Presenter: Dr. Jenin Yahya
 Mentor: Dr. Carl Driscoll
 Institution: University of Maryland, Postgraduate Prosthodontics, Baltimore, Maryland
- 55- Title: Literature review of dental implant surgical guides and case series presentation
 Presenter: Dr. Hai Qing
 Mentor: Dr. Carlo Ercoli
 Institution: Prosthodontic Division, Eastman Institute for Oral Health, University of Rochester, NY

**THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS
SIXTY-SECOND ANNUAL SCIENTIFIC SESSION
FRIDAY, FEBRUARY 22, 2013**

**PLANNING & ACHIEVING
EXCELLENCE IN PATIENT CARE**

- 7:00 a.m. Registration, 7th Floor Foyer
Continental Breakfast in Exhibit Hall, Salon III
- 8:00 a.m. WELCOME: Dr. Carl F. Driscoll, President
- 8:05 a.m. Introductory Remarks, Dr. John Agar and Dr. Radi Masri,
Program Co-chairs
- 8:10 a.m. Dr. David M. Sarver
Dentofacial Esthetics: A New Face on Interdisciplinary Dentistry
- 9:00 a.m. Dr. Charles J. Goodacre
The Effective Development and Use of Digital and 3D Education
Resources in Dentistry: Benefits, Formats, and Application
- 9:45 a.m. REFRESHMENT BREAK IN THE 7th FLOOR EXHIBIT HALL
All members, guests and students invited
- 10:30 a.m. Dr. Arnold S. Weisgold
Achieving Esthetic Success Around Teeth and Dental Implants
As Well As Predicting Future Success?
- 11:15 a.m. Dr. John D. B. Featherstone
Caries Management by Risk Assessment for the Prosthodontist
- 12:00- ANNUAL LUNCHEON FOR MEMBERS, GUESTS,
AND GRADUATE STUDENTS
- 2:00 p.m. 5th Floor Chicago Ballroom
- 2:00 p.m. Dr. Dennis P. Tarnow
Immediate vs. Delayed Socket Management - What We Know,
What We Think We Know and What We Don't Know.
- 2:45 p.m. REFRESHMENT BREAK IN THE 7th FLOOR EXHIBIT HALL
All members, guests and students invited
- 3:15 p.m. Dr. Dennis Rohner
Esthetic and Functional Reconstruction of Extended Maxillofacial
Defects
- 4:00 p.m. Dr. Andrew R. Chapokas
Surgical Versus Prosthetic Tissue Reconstruction in
Implant Dentistry
- 4:45 p.m. Closing Comments
- 5:00 - ANNUAL MEMBER & GUEST COCKTAIL RECEPTION AND
7:00 p.m. ANNUAL POSTER SESSION
Chicago Ballroom, 5th Floor
All members, guests and students invited

**THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS
SIXTY-SECOND ANNUAL SCIENTIFIC SESSION
SATURDAY, FEBRUARY 23, 2013**

**PLANNING & ACHIEVING
EXCELLENCE IN PATIENT CARE**

- 7:00 a.m. Registration, 7th Floor Foyer
Continental Breakfast in Exhibit Hall, Salon III
- 8:00 a.m. Dr. Thomas J. Balshi
Implant Prosthodontics: Evolution of Protocols
- 8:50 a.m. Dr. Kenneth A. Malament
Comprehensive Care for Patients Requiring Complex
Prosthodontic Reconstruction
- 9:45 a.m. REFRESHMENT BREAK IN THE 7th FLOOR EXHIBIT HALL
All members, guests and students invited
- 10:30 a.m. Dr. Van Ramos and Dr. Fred Bisch
What is the Reality of Esthetic AND Predictable Implant
Prosthodontics?
- 11:15 a.m. Dr. Thomas D. Taylor
Occlusion and Dental Implants Revisited
- 12:00- LIGHT LUNCHEON
- 1:45 p.m. Food Served in the 7th Floor Exhibit Hall, Salon III
(Exhibits will close at the start of the afternoon program)
- 1:45 p.m. Dr. Van P. Thompson
Ceramic Materials - What's the Truth?
- 2:45 p.m. Dr. Avinash Bidra
Classifying Patients for Fixed Implant-
Supported Prosthesis in the Edentulous Maxilla
- 3:45 p.m. POSTER AWARDS
Dr. Sarit Kaplan, Posters Committee Chair
- 4:00 p.m. CLOSING REMARKS
Dr. Radi Masri, Program Co-chair
Dr. Carl F. Driscoll, President

For more Information about the Academy visit the AAFP Web site:
www.fixedprosthodontics.org



DR. DAVID M. SARVER

*Dentofacial Esthetics: A New Face on
Interdisciplinary Dentistry*

Friday, February 22, 2013 | 8:10 a.m.

Synopsis:

In Restorative dentistry, we associate esthetics with anterior tooth display and smile design. To Orthodontists and Oral Surgeons it is the facial profile. Interdisciplinary treatment in dentistry has progressed enormously in the past two decades, with collaboration between dentists and all the specialties of dentistry. This has resulted in superior results compared to those achieved working without collaboration. But our vision can now expand to broader appearance issues. With the assessment and treatment of other dimensions of smile and facial esthetics, the target for the patient may be the ultimate dentofacial esthetic outcome. This lecture will demonstrate the coordination of care between the disciplines of dentistry and facial plastic surgery resulting in outstanding enhancement of our esthetic and functional results. We will introduce the imaginative use of new technologies for diagnosis, patient communication, and interdisciplinary communication and documentation.

Curriculum Vitae:

Dr. Sarver received his DMD from The University of Alabama School of Dentistry and M.S. in Orthodontics from the University of North Carolina in 1979.

In addition to his private practice, Dr. Sarver has authored or co authored over 60 scientific articles, 14 book chapters, and his book credits include "Esthetics in Orthodontics and Orthognathic Surgery", "Contemporary Treatment of Dentofacial Deformity" (with Drs. Proffit and White) and is co-author of the 4th edition of Proffit's classic textbook "Contemporary Orthodontics". He has given more than 250 professional presentations in the United States, Europe, Australia and the Middle and Far East. Dr. Sarver has been featured on NBC's "The Today Show", ABC's "The View", and Fox National News.



DR. CHARLES J. GOODACRE

The Effective Development and Use of Digital and 3D Education Resources in Dentistry: Benefits, Formats, and Application

Friday, February 22, 2013 | 9:00 a.m.

Synopsis:

The merging of two synergistic processes has introduced a new era of learning for practitioners and students. The development of 3-dimensional resources that can be manipulated by the user, coupled with an educational focus upon the learner and their participation in the process, offer incredible opportunities for enhanced learning. This presentation will identify the benefits of electronic resources with a focus upon interactive, navigable, nonlinear 3D program formats that have been effectively used, and also demonstrate recently developed 3D programs that engage learners and substantially enhance the 3-dimensional visualization skills that are so important to optimal health care skills.

Objectives: Following this presentation, attendees will be able to:

- Describe methods by which learners can direct their education
- Understand how interactive, navigable 3D programs can enhance the learning process
- Identify the emerging design principles being used to develop 3D electronic education programs

Curriculum Vitae:

Dr. Goodacre received his DDS degree from Loma Linda University School of Dentistry in 1971. He completed a three year combined program in Prosthodontics and Dental Materials at Indiana University School of Dentistry and in 1974 earned his MSD degree. In 2011 he received Honorary Fellowship in the Faculty of Dentistry of the Royal College of Surgeons in Ireland and also the Distinguished Service Award from the American College of Prosthodontists.

He is currently Dean of the Loma Linda University School of Dentistry. He is a Diplomate of the American Board of Prosthodontics, Past-President of the American Board of Prosthodontics, Past-President of the American College of Prosthodontists, and Past-President of the Academy of Prosthodontists.



DR. ARNOLD S. WEISGOLD

Achieving Esthetic Success Around Teeth and Dental Implants As Well As Predicting Future Success?

Friday, February 22, 2013 | 10:30 a.m.

Synopsis:

As critical as shade matching is to esthetic success, as demanding is our ability to create a restoration that will emerge from the sulcus in the same fashion as does a natural tooth. This program will explore when we can achieve this, but more importantly, when we cannot. Crown and root form, root inclination, emergence profile, and the periodontal biotypes will be discussed. A full understanding of these factors should enhance our ability to develop life-like restorations whether they be natural teeth, implants, or pontics.

Objectives:

- Differentiate between the tooth forms consistent with the thick/flat and thin/scalloped periodontia.
- List the differences between the root forms and inclinations in the square tooth vs the triangular one.
- Cite commonly occurring long-term esthetic complications surrounding anterior implants, even when performed under optimal conditions.

Curriculum Vitae:

Arnold Weisgold received his dental degree from Temple University School of Dentistry in 1961. After graduation, he served as a Captain in the U.S. Army Dental Corps for two years.

In 1963, he matriculated at the University of Pennsylvania Graduate School of Medicine where he studied Periodontal Prosthesis, successfully receiving certificates in both Periodontics and Fixed Prosthodontics.

In 1965, he was named the first Coordinator of Occlusion at Temple University where he developed a four year program in this discipline. He returned to the University of Pennsylvania in 1967 where he established the Department of Form and Function of the Masticatory System, the first of its kind in the world. In 1973, he became the Director of Postdoctoral Periodontal Prosthesis and served in this capacity until 2006. From 1984 until 1987 he was the Associate Dean for Clinical Sciences and was the first Director of the Implant Research Center (1990-1996). He is presently Adjunct Professor of Periodontics.

Dr. Weisgold has faculty appointments at New York University School of Dentistry, Tufts University School of Dental Medicine, Nova Southeastern University School of Dental Medicine and Kaohsiung Medical College School of Dentistry (Taiwan). He has also had affiliations with the U.S. Army and Naval Dental Corps, the Veteran's Administration, Albert Einstein Medical Center and the Medical College of Pennsylvania.

He has served on the Council on National Board Examinations and is a Consulting Editor for the Compendium of Continuing Education in Dentistry, the International Journal of Periodontics and Restorative Dentistry and the Journal of Esthetic and Restorative Dentistry. He was the President of the Associate Section of the American Academy of Periodontology (1974-75) and the President of the Greater New York Academy of Prosthodontics (1989-1990). In 2006, he received the Saul Schluger Memorial Award for Clinical Excellence from the Seattle Study Club.

Dr. Weisgold has presented lectures throughout this country, Canada, Mexico, South America, Europe, South Africa, the Mideast and Far East and is the author of many papers and/or chapters in the areas of Periodontal Prosthesis, Restorative Dentistry, Esthetics, Implant Prosthodontics and Occlusion.



DR. JOHN D. B. FEATHERSTONE

*Caries Management by Risk Assessment
for the Prosthodontist*

Friday, February 22, 2013 | 11:15 a.m.

Synopsis:

Effective management of dental caries is critical for the success of the prosthodontist. Dental caries is a bacterially based disease that progresses when acid produced by bacterial action on dietary fermentable carbohydrates travels into the tooth and dissolves the carbonated hydroxyapatite mineral. Pathological factors, including acidogenic bacteria, salivary dysfunction, and dietary carbohydrates are related to caries progression. Protective factors, which include antibacterials, salivary calcium, phosphate and proteins, salivary flow, and fluoride in saliva can balance, prevent or reverse dental caries.

This presentation will summarize the science behind the “caries balance” concept, which is the key to caries management by risk assessment in prosthodontic clinical practice.

Objectives:

- To understand the process of dental caries as an infectious and transmissible disease.
- To learn about the pathological and protective factors related to caries initiation, progression and prevention.
- To understand the principles of clinical intervention in the caries process, and how to put this into dental practice.

Curriculum Vitae:

Dr. John Featherstone is Dean of the School of Dentistry at the University of California, San Francisco (UCSF) and Professor of Preventive and Restorative Dental Sciences. He holds a Ph.D. in chemistry from the University of Wellington (New Zealand). His research over the past 36 years has covered several aspects of cariology (study of tooth decay) including fluoride mechanisms of action, caries risk assessment, de- and remineralization of the teeth, apatite chemistry, salivary dysfunction, caries prevention, and laser effects on dental hard tissues. He has received numerous National and International awards, including the Norton Ross Award for excellence in clinical research from the American Dental Association (2007) and is an Honorary Fellow of the American College of Dentists. He has published over 230 papers.



**ANNUAL
ACADEMY
LUNCHEON**
CHICAGO BALLROOM
5th Floor

Friday, February 22, 2013 | 12:00 p.m.

2013 STANLEY D. TYLMAN RESEARCH AWARDS*
Dr. Stan Vermilyea, Chair, Tylman Research Committee

FIRST PLACE AWARD
Dr. Matthew R. Anderson
University of Washington, Graduate Prosthodontics
Research Supervisor: Dr. Kwok-Hung Chung
Program Director: Dr. Ariel J. Raigrodski

SECOND PLACE AWARD
Dr. Junping Ma Bergin
University of Washington, Graduate Prosthodontics
Research Supervisor: Dr. Jeffrey Rubenstein
Program Director: Dr. Ariel J. Raigrodski

**GARVER-STAFFANOU PROSTHODONTIC PROGRAM
DIRECTOR'S AWARD FOR EXCELLENCE**
Dr. Steve Morgano, Chair, Garver-Staffanou Award Committee

Dr. William Nagy
2013 RECIPIENT

**GEORGE H. MOULTON AWARD OUTSTANDING ACHIEVEMENT IN THE ART AND
SCIENCE OF FIXED PROSTHODONTICS**
Dr. John Agar, Chair, George H. Moulton Award Committee

Dr. Jesse T. Bullard
2013 Recipient

PRESENTATION OF NEW AAFP MEMBERS
Dr. Sangeetha Raghavendra, Chair, Credentials Committee

**We wish to acknowledge the generous support of the Editorial Council of the Journal
of Prosthetic Dentistry for the Tylman Research Program.*



DR. DENNIS P. TARNOW

Immediate vs. Delayed Socket Management - What We Know, What We Think We Know and What We Don't Know.

Friday, February 22, 2013 | 2:00 p.m.

Synopsis:

Immediate placements of implants into extraction sockets is an exciting treatment alternative for our patients. However, there are many potential short and particularly long term risks which the practitioner must be fully aware of. This presentation will focus on the potential problems and benefits both clinically and biologically when the choice of immediate socket placement is made for single and multiple sites.

Objectives:

- Identify what type of healing takes place against the implant in immediate socket placement
- Know how to minimize recession with immediate provisionalization
- Know the proper crown contour for immediate provisionals
- Know if the gap distance really matters
- Know if primary closure should be attempted or should it be left open?
- Know if membranes should be utilized?
- Know what type of graft material if any should be utilized?
- Identify what are the potential short and long term risks involved with immediate placement of implants?

Curriculum Vitae:

Dennis P. Tarnow is currently Clinical Professor of Periodontology and Director of Implant Education at Columbia School of Dental Medicine. He is the former Professor and Chairman of the Department of Periodontology and Implant Dentistry at New York University College of Dentistry. Dr. Tarnow has a certificate in Periodontics and Prosthodontics and is a Diplomate of the American Board of Periodontology. He is a recipient of the Master Clinician Award from the American Academy of Periodontology and Teacher of the Year Award from New York University. Dr. Tarnow has a private practice in New York City, and has been honored with a wing named after him at New York University College of Dentistry. He has published over one hundred articles on perio-prosthodontics and implant dentistry and has coauthored three textbooks including one titled Aesthetic Restorative Dentistry. Dr. Tarnow has lectured extensively in the United States and internationally in over thirty countries.



DR. DENNIS ROHNER

*Esthetic and Functional Reconstruction of
Extended Maxillofacial Defects*

Friday, February 22, 2013 | 3:15 p.m.

Synopsis:

The reconstruction of acquired maxillary and mandibular defects is a demanding procedure. To fulfill the patient's request there is need for a meticulous preoperative planning. Adequate esthetical outcome, satisfactory functional rehabilitation and reduced number of surgeries should be the aim of treatment.

The use of free vascularized flaps for the reconstruction of extended defects is nowadays the standard procedure. Correct implant-supported occlusion, adequate reconstruction of soft tissue, correct positioning of the flap within the defect and immediate functional rehabilitation are the main tasks that decide about success and level of quality of life for the patient. Based on 3-D models of skull and fibula the new occlusion, the extension of the suprastructure, the position of the dental implants, the desired shape of the fibula and the amount of necessary soft tissue can be determined and planned before surgery.

In a first surgical procedure implants are placed in the fibula and a vestibuloplasty is performed simultaneously at the lower limb. In a second surgical procedure the reconstruction of the defect is carried out using the preplanned reconstructed occlusion as a guide for orientation.

In a series of cases the development, the technical planning, the surgical steps and our 12-year results will be presented.

Objectives:

- To understand the steps of the development of prefabricated fibular flaps
- To understand the importance of occlusion and preoperative planning for the reconstruction of extensive defects
- To understand the impact of modern techniques to the quality of life for patients

Curriculum Vitae:

Dennis Rohner completed the Dental and Medical Board examinations in 1985 and 1990, respectively. He has been trained in Hand Surgery, General Surgery and Orthopedic Surgery before Maxillofacial Surgery. He spent 1 year as Research Fellow in Singapore (Plastic Surgery, Singapore General Hospital). He completed his training in Maxillofacial and Reconstructive Surgery at the University Hospital in Basel (Prof. Prein) in 1999.

In 2005 he completed his master thesis ("Prefabrication of free vascular flaps") and was subsequently appointed as an Associate Professor at the University of Basel. He is a senior consultant in the Craniofacial Center, where he practices since 2003. He is a Faculty Member of AO International. He has widely lectured and published internationally.



DR. ANDREW R. CHAPOKAS

*Surgical Versus Prosthetic Tissue
Reconstruction in Implant Dentistry*

Friday, February 22, 2013 | 4:00 p.m.

Synopsis:

Attaining optimal gingival esthetics continues to be one of the most challenging aspects of treatment for partial edentulism. New technical approaches are rapidly emerging in both surgical and prosthodontic disciplines. Although limited scientific evidence exists, discussion of clinical treatment and review of relevant literature will be used to provide guidance in treatment planning certain prosthetic solutions. Thorough understanding of all limitations may result in more frequent use of conservative options as they tend to reduce treatment time and risk of surgical morbidity.

Objectives:

- Consideration of these options in prosthodontics treatment planning
- Graft complications versus materials complications (literature review)
- Surgical approaches and prosthetics material options

Curriculum Vitae:

Dr. Andrew Chapokas, originally from Philadelphia, PA, received his "bachelor's degree" at Temple University and his "doctor of dental medicine" from the University of Pennsylvania. Afterwards, he completed both periodontology and prosthodontics, at the University of Connecticut, structured as a dual certificate program. He is board certified in both specialties. During his residency, he obtained his Master's by studying the biological effects of *Porphyromonas gingivalis* dihydroceramide lipids. Currently, he is in private practice, San Diego. His special interests in dentistry include biological versus prosthetic alveolar ridge reconstruction in the esthetic zone, surgical uncover of impacted teeth for orthodontics, and dental ceramics.



DR. THOMAS J. BALSHI

Implant Prosthodontics: Evolution of Protocols

Saturday, February 23, 2013 | 8:00 a.m.

Synopsis:

Implant prosthodontics is continuously evolving and therefore changes the way patient treatment plans are presented. This lecture will look back at the history of implant protocols and how they have evolved to the ones used today. Part of this evolution in protocols is to look at different ways to engineer implant-supported prostheses. Implants are now placed on a tilt or in remote locations to eliminate additional surgical procedures such as bone grafting or sinus augmentation; this also allows a faster path to the definitive fixed prosthesis. The No BoneZ Solution is the latest clinical protocol developed which uses a combination of CAD/CAM surgical templates and traditional free-hand procedures to treat the atrophic maxilla immediately and with predictability. A further look into the CAD/CAM technologies that are used in aiding implant placement and prosthesis construction will be reviewed.

Objectives:

- To layout the evolution of implant protocols and how maintaining an evidence-based approach to patient case is paramount
- To demonstrate the concept of tilting implants and remote implant anchorage and how these play a role in patient rehabilitation
- To explain the differences between Teeth in a Day and the guided surgical procedures
- To illustrate the predictable treatment of the atrophic maxilla, known as the No BoneZ Solution

Curriculum Vitae:

Dr. Thomas J. Balshi, a Diplomate of the American Board of Prosthodontics, is the founder of Prosthodontics Intermedica, and also the Director of the Institute For Facial Esthetics in suburban Fort Washington, Pennsylvania. Both his graduate and post-graduate degrees were earned from Temple University School of Dentistry, and he received an Honorary Doctorate of Science degree from Cabrini College. His legacy working with Brånemark implants dates to 1984. He is Charter Member and Fellow of the Academy of Osseointegration, and a Fellow of both the American and International Colleges of Prosthodontists. Dr. Balshi lectures globally and his scientific research using Brånemark implants and immediate function is widely published. He co-authored A Patient's Guide To Dental Implants.



DR. KENNETH A. MALAMENT

*Comprehensive Care for Patients
Requiring Complex Prosthodontic
Reconstruction*

Saturday, February 23, 2013 | 8:50 a.m.

Synopsis:

This presentation will present a collaborative approach to patient care including the management of cases compromised by prosthetic challenges with loss of vertical dimension, periodontal treatment planning decisions regarding when to save the tooth versus place an implant and the challenge of bone reconstruction in preparation for dental implant therapy. Treating patients requiring simple or complex prosthodontics has changed remarkably over the last 10 years. The treatment goals have remained similar, as the first tenants are to eliminate disease and to restore function and esthetics.

Patients presenting with advanced periodontal disease, multiple missing teeth, or occlusal deficiencies require comprehensive diagnosis and treatment planning utilizing traditional periodontal and prosthetic guidelines.

A comprehensive diagnosis and step by step treatment plan established prior to beginning therapy is a key factor in treatment success. With sophisticated hard and soft tissue grafting procedures and placement of dental implants prosthodontic care has changed. Treatment today is designed to decrease long-term risk and diminish the use of long-span fixed and removable prosthodontics with the use of implant supported restorations. Periodontal and dental implant foundational health is a critical criterion for long-term survival. This often involves correcting vertical dimension and occlusal deficiencies.

With healthy tooth and implant abutments or with complete implant retained prosthodontics, treatment today relies on dental materials that have a proven long-term survival that allows the clinician to develop the most esthetic care.

Objectives:

- To understand interdisciplinary treatment sequencing in complex patient care.
- To understand prosthodontic objectives and how to minimize long-term risk

Curriculum Vitae:

Dr. Malament received his D.D.S. from N.Y.U. College of Dentistry and a specialty certificate and Master's degree from Boston University School of Graduate Dentistry. Dr. Malament has a full time practice limited to prosthodontics in Boston that includes a dental laboratory with master dental technologists. He is a Clinical Professor at Tufts University and a Course Director in postgraduate department of Prosthodontics. He is a Past-President of the American Board of Prosthodontics and Past-President of the Greater New York Academy of Prosthodontics, Northeastern Gnathological Society, Northeast Prosthodontic Society and Past Secretary-Treasurer of the International College of Prosthodontists. Dr. Malament is a Fellow of the American College of Prosthodontists, Academy of Prosthodontics, Greater New York Academy of Prosthodontics and Northeastern Gnathological Society. He is an active member of the International College of Prosthodontists, American Academy of Fixed Prosthodontics, American Academy of Esthetic Dentistry and Academy of Osseointegration. Dr. Malament was on the research and development teams for two different well-known ceramic products and developed instrumentation used in clinical practice.



DR. VAN RAMOS & DR. FRED BISCH

*What is the Reality of Esthetic AND
Predictable Implant Prosthodontics?*

Saturday, February 23, 2013 | 10:30 a.m.

Synopsis:

The goal of implant therapy is no longer just represented by successful osseointegration. The final result must be a synergy between the periodontium and the restoration, each compensating for the shortcomings of the other. The challenge for clinicians is to match a diagnosis with a correct treatment protocol. Topics to be covered include: 1) Simple classifications in the literature that provide a foundation for predictable outcomes; 2) Treatment strategies for both failing teeth and healed ridges involving decision trees for either implant or conventional fixed prosthodontics.

Curriculum Vitae:

Dr. Ramos is a Colonel in the United States Army Dental Corps and is the Program Director for the U.S. Army Prosthodontic Residency Program at Fort Gordon, Georgia. Dr. Ramos received his D.D.S. from the University of Texas Dental Branch at Houston in 1985 and his certificate in the Advanced Education Program in Prosthodontics from Walter Reed Army Medical Center in 1994. He is a Diplomate of The American Board of Prosthodontics, a Fellow in the American College of Prosthodontists and the International College of Dentists. Additionally, Dr. Ramos is member of the American Academy of Fixed Prosthodontics, the American Dental Association and the editorial staff for Quintessence of Dental Technology.

Dr. Bisch is a Colonel in the United States Army Dental Corps and has been the Program Director at the U.S. Army Advanced Education Program in Periodontics since 2007. Dr. Bisch received his D.M.D. from the University of Alabama School of Dentistry in 1985, a M.S. in Oral Biology from Medical College of Georgia (now Georgia Health Sciences University) in 1994, and his certificate in Periodontics from the Army Advanced Education Program in Periodontics Fort Gordon in 1995. He is a Diplomate of the American Board of Periodontology, a Fellow in the International College of Dentists, and an ITL AAP Foundation Scholar. In addition, Dr. Bisch is a member of the American Academy of Periodontology, American Dental Association, and Southern Academy of Periodontology.



DR. THOMAS D. TAYLOR

Occlusion and Dental Implants Revisited

Saturday, February 23, 2013 | 11:15 a.m.

Synopsis:

The biomechanical basis for implant component design has evolved dramatically since the early days of implant dentistry. Changes in thread profile, surface treatment, materials, connector configurations and many other aspects have improved the strength, stability and esthetic outcome of implant supported restorations. Unfortunately, many of the assumptions dentists and dental implant manufacturers continue to work under are not based on scientific evidence and may, in fact, be erroneous. Issues such as axial vs. nonaxial loading, progressive loading, occlusal overload and occlusion related bone loss are areas of concern to the dentist who places and/or restores dental implants and will be the topic of this presentation.

Objectives:

- The participant will be able to discuss the current evidence regarding occlusion as a risk factor for osseointegrated implants.
- The participant will be able to discuss the current evidence regarding progressive loading of dental implants.

Curriculum Vitae:

Dr. Taylor is Professor and head, Department of Reconstructive Sciences and chairman, Division of Prosthodontics and Operative Dentistry at the University of Connecticut School of Dental Medicine. He is involved in both clinical and laboratory research and has published extensively in the prosthodontic literature. He is a past editor of the International Journal of Oral and Maxillofacial Implants. Dr. Taylor currently serves as executive director of as well as being past president of the American Board of Prosthodontics. He is also past president of the American College of Prosthodontists, the International College of Prosthodontists and the International Team for Implantology (ITI). He currently serves as president of the Academy of Prosthodontics. Dr. Taylor maintains a part-time practice limited to prosthodontics.



DR. VAN P. THOMPSON

Ceramic Materials - What's the Truth?

Saturday, February 23, 2013 | 1:45 p.m.

Synopsis:

All-ceramic restorations are being applied in situations of increasing levels of stress and fatigue. Ceramic materials must strike a balance between strength and toughness. Ceramics are subject to slow crack growth and once a crack extends to a critical size the ceramic is likely to rapidly fracture. Current research centers on microstructural alterations to limit crack initiation and propagation which become particularly important for long span bridges or in preparations of reduced thickness. This presentation will focus on the latest ceramic materials, the laboratory studies of their properties as well as clinical evidence of their efficacy.

Objectives

- Discuss the interactions between ceramic slow crack growth, strength, fracture toughness and fatigue
- Describe the structure property relationship in glass-ceramic and crystalline ceramic dental systems
- Describe the clinical evidence for clinical applications of glass-ceramic and crystalline ceramics

Curriculum Vitae:

Van P Thompson, DDS, PhD, Professor and Chair, Biomaterials and Biomimetics, NYU College of Dentistry.

Known for his work on adhesion and bonded bridges at the University of Maryland he has published many articles and made numerous presentations on dental biomaterials in the U.S. and internationally. His current research areas include occlusal hidden caries, new ceramics for layer crowns, fatigue damage in ceramics, tissue engineering for alveolar ridge augmentation and practice based research (PEARL Network).



DR. AVINASH BIDRA

Classifying Patients for Fixed Implant-Supported Protheses in the Edentulous Maxilla

Saturday, February 23, 2013 | 2:45 p.m.

Synopsis:

Fixed implant-supported protheses for the edentulous maxilla have gained tremendous popularity over the years. It is necessary to treat each patient uniquely and avoid using a generic or a similar design of fixed prosthesis for all patients. Therefore, the proposed classification system categorizes patients into 4 classes based on amount of tissue loss, position of anterior teeth in relation to residual ridge, type of smile, need for lip support and need for gingival prosthesis.

Objectives:

- To differentiate various types of patients seeking maxillary fixed protheses based on esthetics.
- To understand when lip support is required and when it does not make a difference.
- To know when gingival protheses are needed and not needed.
- To understand management of edentulous gummy smile patients seeking maxillary fixed protheses.

Curriculum Vitae:

Dr. Bidra is a Board Certified Maxillofacial Prosthodontist and an Assistant Professor at the University of Connecticut Health Center. He serves as the Assistant Program Director of the Prosthodontics Residency Program. He completed his dental and specialty training from India, Florida, Connecticut and Texas respectively. His research interests include facial and dental esthetics, implant-based reconstructions of the maxilla and clinical outcomes of prosthodontic treatment. He has lectured at national and international meetings, as well as published on these topics in international journals. He is a fellow of the ACP and member of the AAMP and AAEP.

*Please join in the excellence of Fixed Prosthodontics
at the 2014 Annual Scientific Session of the
American Academy of Fixed Prosthodontics*

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FEBRUARY 21 AND 22, 2014

"The Art and Science of Patient Rehabilitation"

Dr. Ricardo Mitrani
Treatment Design - A Restoratively Driven Interdisciplinary Endeavor

Dr. Robert Winter
Outcome Based Preparation Design

Dr. Tyler Lasseigne
Management of the Aesthetic Compromised Patient

Dr. Gary DeWood
The Art of Applying the Science

Dr. John Kois
Anterior Guidance is a Myth!

Dr. James Friction
Evidence-Based Rehabilitation of TMD

Dr. Michael Ragan
Limiting Exposure in the Contemporary Dental Practice

Ms. Karen Baker
Drug Interactions and Reactions Important in Prosthodontics

Dr. David Eggleston
Gummy Smiles, Laser Dentistry, and the Biologic Width

Dr. Daniel Edelhoff
*CAD/CAM-Generated High-Density Polymer Restorations for the
Pre-treatment of Complex Cases*

Dr. Edward McLaren
CERAMIC WARS: The Return of the Ceramist

Mr. Nondas Vlachopoulos
Full Ceramic Aesthetic Restorations

Dr. Ken Anusavice
Enhancing the Survival of Ceramic Restorations

Dr. Dennis Fasbinder
Restorations Done Digitally

Dr. Sascha Jovanovic
Hard and Soft Tissue Augmentation

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