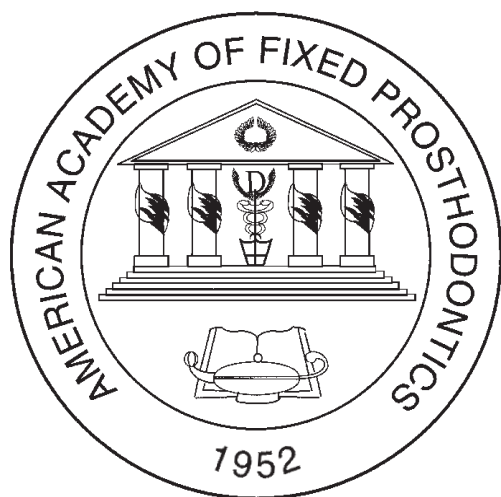


**THE AMERICAN ACADEMY
OF FIXED PROSTHODONTICS**



NAVIGATING

— NEW FRONTIERS IN —

PROSTHODONTICS

66TH ANNUAL SCIENTIFIC SESSION

Friday, February 24, 2017

Saturday, February 25, 2017

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

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Garver-Staffanou Award Presentation

Moulton Award Presentation

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TENTATIVE 2018 MEETING

February 23-24, 2018

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.

ADA CERP®
Continuing Education Recognition Program

ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructions, nor does it imply acceptance of credit hours by boards of dentistry.

AAFP is a Recognized National Sponsor by FAGD/MAGD #214695

AAFP is an approved not-for-profit organization registered in the state of Illinois: #23-7349704

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

2017 GOLD SPONSOR



2017 SILVER SPONSORS



2017 BRONZE SPONSOR



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.

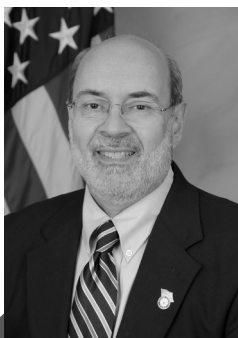
Members of today have a proud heritage in the Academy. We continue to dedicate ourselves to the pursuit of knowledge, truth, and competency in research, in teaching, and in the clinical practice of crown and bridge prosthodontics.

Authored by Dr. Jesse T. Bullard

PAST PRESIDENTS

* Claude R. Baker.....1952-53	Ernest B. Mingledorff.....1985
* Robert P. Dressel.....1954	Herbert Ptack.....1986
* E. David Shooshan.....1955	* Ralph A. Yuodelis.....1987
* Earl Allen Nelson.....1956	* William D. Culpepper.....1988
* L. Walter Brown, Jr.....1957	Ronald G. Granger.....1989
* George H. Moulton.....1958	Maurice H. Martel.....1990
* Francis B. Vedder.....1959	Ronald D. Woody.....1991
* Stanley D. Tylman.....1960	Albert J. Kazis.....1992
* William H. Hagen.....1961	* William L. Nequette.....1993
* Everett Carl Brooks.....1962	Dale L. Timberlake.....1994
* Ernest B. Nuttall.....1963	Jesse T. Bullard.....1995
* Fred Norman Bazola.....1964	Harvey L. Colman.....1996
* John D. Adams.....1965	Gerald J. Ziebert.....1997
* Robert Conley Zeisz.....1966	* Richard D. Wilson.....1998
* Willis Edward Corry.....1967	Denny M. Smith.....1999
* Joseph E. Ewing.....1968	Davis A. Garlapo.....2000
* E. Edward Kraus.....1969	Stephen D. Campbell.....2001
* Raymond M. Contino.....1970	Richard R. Cavanaugh.....2002
* Douglas H. Yock.....1971	John T. Goodman.....2003
* Philip Williams.....1972	William W. Nagy.....2004
* Douglas M. Lyon.....1973	Peter S. Lund.....2005
Kenneth A. Morrison.....1974	H. Philip Pierpont.....2006
* Robert Sheldon Stein.....1975	Jane D. Brewer.....2007
* John M. Schlick.....1976	Martin F. Land.....2008
* Charles L. Ziegler.....1976	John R. Agar.....2009
Charles J. King.....1977	Kent L. Knoernschild.....2010
* Samuel E. Guyer.....1978	Stephen F. Rosenstiel.....2011
* Roland W. Dykema.....1979	J. Robert Kelly.....2012
* Wade H. Hagerman, Jr.1980	Carl F. Driscoll.....2013
* Robert D. Jeronimus.....1981	Julie A. Holloway.....2014
* Lloyd L. Miller.....1982	Jack Lipkin.....2015
* John H. Emmert.....1983	Steven Morgano.....2016
* Alfred C. Macaluso.....1984	Gerald Santulli.....2017

* Deceased



DR. GERRY SANTULLI

President, 2016-2017

It is my distinct pleasure and honor as your President to welcome all of our members, guests, meeting sponsors and exhibitors to the 66th annual Scientific Session of the American Academy of Fixed Prosthodontics. This is by far the best national meeting with regards to Fixed Prosthodontics. It has to be. Why else would we all be here in blustery Chicago in the middle of February instead of some warm sunny venue?

Dr. David Burns, our Program Chair, has assembled a terrific group of speakers under the theme of "Navigating New Frontiers in Prosthodontics." Our specialty is once again undergoing exciting and radical changes with regards to digital dentistry much as we did thirty years ago with the advent of implants. I sincerely hope that our scientific session will not only inspire you but also provide you and your patients with the tangible and relevant information that will enable you to attain clinical excellence and the highest levels of quality care. I also hope you take the opportunity during our meeting to make new friends, to reacquaint yourselves with old friends and colleagues and to visit our exhibitors.

This great meeting does not just "happen" on its own. A lot of work and effort goes on behind the scenes to make the Fixed Academy meeting a success year after year. I would be remiss in not recognizing all of our officers and committee members who give selflessly in that regard. I'd like to specifically thank our stalwarts Steve Rosenstiel, our Academy Secretary, Rick Jordan our Treasurer/ Secretary for Guests and Radi Masri our Webmaster who also serves as a Director. I'd also like to give a special shout out to Igor Pesun our Meeting Director and Judy Yuan and her Local Arrangements committee who do so much to make our meeting run smoothly.

Finally, I owe a great many thanks to my fixed Academy mentors. We all have had mentors in our careers. They inspire, motivate and help us attain success. Dr. Martin Land and the late Tom Barco have been instrumental in guiding me throughout my time in the Academy. Tom was one of my residency instructors. He introduced me to the AAFP, encouraged and instilled in me a passion for clinical excellence and a love of the Prosthodontic literature. Martin is a valued friend and has guided me in Academy duties and has instilled in me a respect for the legacy of the Academy.

I hope you all enjoy the meeting and your time in Chicago.

Gerry Santulli
President

OFFICERS AND DIRECTORS 2016-2017
STANDING COMMITTEES 2016-2017
AMERICAN ACADEMY OF FIXED PROSTHODONTICS

President

Gerald A. Santulli
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President-Elect

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Email: aafpsec@gmail.com

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DIRECTORS 2017

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Damian Lee
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Phone: 614-292-2013 | E-mail: lee.6221@osu.edu

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Sarit Kaplan
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Phone: 301-493-9500 | E-mail: kaplandmd@comcast.net

WEBMASTER

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Department of Endodontics,

Prosthodontics and Operative Dentistry

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

CREDENTIALS COMMITTEE

Avi Bidra 2017, Chair

Ken Chen 2017, Secretary

Aaron Kim 2017

Servando (Van) Ramos 2018

Kelly Miller 2020

JPD EDITORIAL LIAISON

Darshanjit Pannu 2018

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Avi Bidra 2018

Sangeetha Raghavendra 2018

Mathew Kattadiyil 2019

LOCAL ARRANGEMENTS COMMITTEE

Judy Yuan 2017

Fatemeh Afshari 2017

Alex Chan 2017, AV Consultant

Anna Manzotti 2018

James Ywon AV Consultant, ad hoc

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Jesse Bullard 2017, Chair

Denny Smith 2017

Arthur Rodriguez 2018

Jane Brewer 2020

Steve Brousseau 2020

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David Donatelli 2021

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Ricardo Schwedhelm 2020
Ramtin Sadid-Zadeh 2022

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Geoff Thompson 2019
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Ariel Raigrodski 2017

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Stephen Rosenstiel Ex-Officio

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Martin Land, Chair
Gerry Santulli, ad hoc

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Karen Bruggers 2020
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Ariel Raigrodski, Vice-President, Ex Officio
Rick Jordan, Treasurer, Ex Officio

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Ariel Raigrodski 2017, Chair
Nadim Baba 2018
Anton Petrich 2020
Stephen Rosenstiel, Ex Officio

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Alvin Wee 2021, Chair and Newsletter Editor
Aaron Kim 2018
Art Rodriguez 2018
Steve Rosenstiel, Ex Officio
Silvia Amaya Pajares, Academy Photographer

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John Van der Creek 2018
Craig Neitzke 2020

CLAUDE R. BAKER TEACHING AWARD IN FIXED PROSTHODONTICS

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Vanessa Swain 2017
Art Rodriguez 2017
Peter Barndt 2020

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Garima Talwar 2017
Caroline Nguyen 2022
Joanna Kempler ad hoc

COMMITTEE FOR THE GARVER-STAFFANOU PROSTHODONTIC RESIDENCY EDUCATOR AWARD

Bill Nagy 2017, Chair
John Agar 2018
Carl Driscoll 2018
Curt Werking 2020

EXHIBITS COMMITTEE

Jack Marincel 2020, Chair
Darshanjit Pannu 2017
Ramtin Sadid-Zadeh 2019
Steve Raney, ad hoc

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Committee A:

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Geoffrey Thompson 2019
Elias Kontogiorgos 2019
Kevin Plummer, Ex Officio

Committee B:

Fahad Al-Harbi 2017, Chair
Matthew Kattadiyil 2017
Alejandro Peregrina 2017
Darshanjit Pannu, 2017

AD HOC COMMITTEES 2016-2017

AD HOC COMMITTEE FOR CORPORATE SUPPORT

J. Robert Kelly, Chair
Shereen Azer
Alejandro Peregrina
Jack Lipkin

AD HOC COMMITTEE FOR DENTAL LABORATORY TECHNICIAN SUPPORT

Peter Lund
Sarah Johnson

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PARLIAMENTARIAN

Martin Land

SECRETARY FOR GUESTS

Richard Jordan

MEETING DIRECTOR

Igor Pesun

CHAPLAINS

Earl Stover
Sarita Arteaga

ACP PROSTHODONTIC FORUM REPRESENTATIVES

Gerry Santulli
David Burns, Alternate

PREVIOUS 1ST PLACE WINNERS OF THE TYLMAN AWARD

1979: James N. Ciesco	2000: Reza Heshmati
1980: Boris Schwartzman	2001: Salman A. Lakhani
1981: Timothy O. Hart	2002: Periklis Proussaefs
1982: Not awarded	2003: Luis Keys
1983: David Alan Chance	2004: Vanessa Swain
1984: Jeffrey L. Hudgins	2005: Philip Tan
1985: George W. Kay	2006: Kelly Copps Wood
1986: Anthony J. G. Dickinson	2007: Heather J. Conrad
1987: Izchak Bartzilay	2008: Keith L. Guzaitis
1988: Susan E. Brackett	2009: Islam Khasawneh
1989: Not awarded	2010: Daniel Domagala
1990: Shane N. White	2011: Seok-Hwan Cho
1991: Not awarded	2012: Monica Parekh
1992: Not awarded	2013: Matthew Anderson
1993: Louis Menegotto	2014: Matilda Dhima
1994: Syed Faheem Rasool	2015: Aurora Dibner
1995: Fonda G. Robinson	2016: Diane Vo
1996: Paula K. Yliheikkila	*date listed is date awarded - award adjudicated in the preceding year
1997: Kevin H. O'Boyle	
1998: David G. Gratton	
1999: Douglas E. Ford	

*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	2005:	Charles J. Goodacre
1993:	Ernest B. Nuttall	2006:	Kenneth Malament
	Max Kornfeld	2007:	Stephen D. Campbell
1994:	Robert J. Nelson	2008:	Don G. Garver
1995:	Everitt V. Payne	2009:	Steven Aquilino
1996:	Samuel E. Guyer	2010:	Harold Litvak
1997:	Roland W. Dykema	2011:	Bill B. Lefler
1998:	Herbert T. Shillingburg, Jr.	2012:	Denny M. Smith
2000:	Lloyd L. Miller	2013:	Jesse T. Bullard
2001:	Ralph Yuodelis	2014:	Stephen F. Rosenstiel
2002:	Robert S. Staffanou	2015:	John R. Agar
2003:	Maurice H. Martel	2016:	Carl Driscoll
2004:	Ronald D. Woody		

PREVIOUS BAKER AWARD RECIPIENTS

2003:	Alvin Wee	2011:	Lillian M. Mitchell
2004:	Ariel Raigrodski	2012:	Judy C-C Yuan
2005:	Nyung G. Chang	2013:	Not Awarded
2006:	Patchnee Rungruanganunt	2014:	Alexander Bendayan
2007:	Shigemi Ishikawa-Nagai	2015:	Matthew Palermo
2009:	Nadim Baba	2016:	Fatemeh Afshari
2010:	Mijin Choi		

PREVIOUS GARVER-STAFFANOU PROSTHODONTIC RESIDENCY EDUCATOR AWARD RECIPIENTS

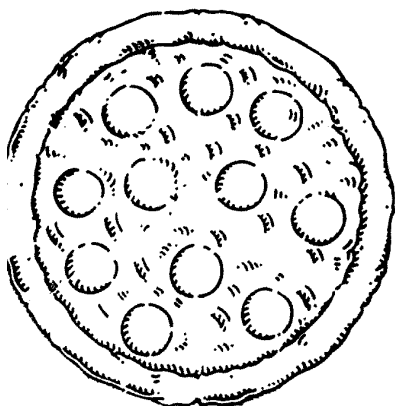
2010:	Gerald Ziebert
2011:	Carl Jerry Andres
2012:	John R. Agar
2013:	William Nagy
2014:	Carl Driscoll
2015:	Wayne Campagni
2016:	Hiroshi Hirayama

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 23, 2017

4:30 - 5:00 PM

Early Registration for Members
4th Floor, Halsted Foyer

5:00 - 6:15 PM

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

6:15 - 6:45 PM

Members Town Hall Meeting
4th Floor, Marriott Ballroom

Attendance at these events is restricted to Academy Members.

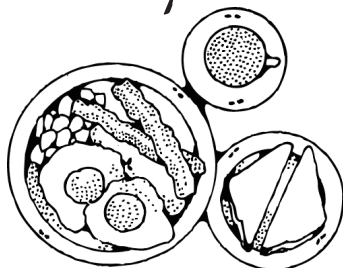
Past Presidents and New Members Breakfast

SATURDAY, February 25, 2017

7:00 AM,

Lincolnshire Room
Salon I & II (6th Floor)

New Members, Past Presidents, Officers,
Directors only please.



2017 PROGRAM CHAIR



Dr. David Burns

2018 PROGRAM CO-CHAIRS



Dr. Avidash Bidra & Dr. Sangeetha Raghavendra

2016 PROGRAM CO-CHAIRS



Dr. Carlo Ercoli & Dr. Nadim Baba

EXHIBITOR DIRECTORY

Dr. Jack Marincel, Chair Exhibits Committee

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

Company	Booth
Asahi Refining USA, Inc.	104
BioHorizons	126
Brasseler USA	120
Cusp Dental Research, Inc.	103
Dentsply Sirona Implants*	121
Designs for Vision, Inc.	100
Garfield Refining Co.	113
GC America	127
Henry Schein Dental	136-137
Ivoclar Vivadent*	128-129
Kuraray America, Inc.	102
MoraVision, Inc.	132
Navigate Surgical Technologies Inc.	112
Nobel Biocare*	130-131
Orofacial Therapeutics – QuickSplint	115
Panadent	101
Preat Corporation	106
Quintessence Publishing Co., Inc.	122-123
Renstrom Dental Studio, Inc.	105
SAM Präzisionstechnik GmbH	117
Straumann USA*	116
Swissmeda - smop implant planning	107
Valley Dental Arts, Inc.	114
Vita lab	133
Whip Mix Corporation	118-119
Zimmer Biomet*	124-125

**Sponsors*

POSTER PRESENTATIONS PROGRAM AAFP 2017

The American Academy of Fixed Prosthodontics
66th Annual Scientific Session
Friday, February 24, 2017
The Chicago Marriott Hotel Downtown
5:15 - 7 :00 p.m. Chicago Ballroom, 5th Floor

1. Tylman Award First Place Winner:
Radiographic evaluation of all ceramic crown margins
Presenter: Dr. William Wahle
Mentor: Dr. Carl Driscoll
University of Maryland
Max.wahle@gmail.com
2. Tylman Award Second Place winner:
Effect of hydrothermal degradation on properties of highly translucent zirconias
Presenter: Dr. Amand Putra
Mentors: Dr. Kwok-Hung Chung & Dr. Ariel Raigrodski
University of Washington
Armandputra17@gmail.com
3. Tylman Award Third Place Winner:
In vitro intraoral mouth opening and retraction comparison of photogrammetric and conventional complete-arch implant impression technique
Presenter: Dr. Manuel Bratos
Mentor: Dr. JE Rubenstein & Dr. JA Sorensen
University of Washington
bratosm@uw.edu
4. A multidisciplinary approach to the rehabilitation of a patient with amelogenesis imperfecta
Presenter: Dr. Watcharapong Aroonsang
Mentor: Dr. Keith Kinderknecht
University of Alabama
aroonsw@uab.edu
5. An alternative method for treating prosthetic biomechanical failure
Presenter: Dr. Dan Lin
Mentor: Dr. Winston Chu
University of Southern California
ldan@usc.edu
6. A review of the applications and use of scan bodies in implant dentistry
Presenter: Dr. Ryan M. Mizumoto
Mentor: Dr. Damian Lee
The Ohio State University
Mizumoto.1@buckeyemail.osu.edu

2017 POSTER PROGRAM CONTINUED

7. Linear accuracy of indexed dies
Presenter: Dr. Patrick E. McCurdy
Mentor: Dr. Anton Petrich
Naval Dental School, Bethesda, Maryland
Patrick.e.mccurdy4.mil@mail.mil
8. Accuracy of 3D printed models
Presenter: Dr. Ezra I. Merritt
Mentor: Dr. Anton Petrich
Naval Dental School, Bethesda, Maryland
Emerritt06@gmail.com
9. Examining inter-operator precision of digital impressions using the CEREC omnicam
Presenter: Dr. Douglas A. Porr
Mentor: Dr. Anton Petrich
Naval Dental School, Bethesda, Maryland
Doug.porr@gmail.com
10. Simple technique for removal of titanium connection sleeve wedged onto an implant
Presenter: Dr. Faris Jamjoom
Mentor: Dr. Damian Lee
The Ohio State University
Jamjoom.1@osu.edu
11. An innovative CAD-CAM application in the provisional restoration of amelogenesis imperfecta patients
Presenter: Dr. Rory Boyd
Mentor: Dr. Michael O'Sullivan
Trinity College Dublin, Ireland
Rory.boyd@dental.tcd.ie
12. Methodology to fabricate a CAD/CAM crown on a virtual articulator incorporating the mastication movement
Presenters: Dr. Kazuhiro Umehara & Dr. Toru Sato
Umehara Dental Office, Tokyo Dental College, Japan
Ume1@cocoa.ocn.ne.jp | torusato@tdc.ac.jp
13. A novel method to master the crown wax up technique by projection mapping application
Presenters: Dr. Mamoru Yotsuka | Dr. Kazuhiro Umehara
Umehara Dental Office, Tokyo Dental College, Japan
yotsuyam@tdc.ac.jp & ume1@cocoa.ocn.ne.jp
14. The management and treatment of a mandibulectomy defect: A case report
Presenter: Dr. R. Kyle Gazdeck
Mentor: Dr. Anna Manzotti
The University of Illinois at Chicago
Rgazde2@uic.edu

2017 POSTER PROGRAM CONTINUED

15. Utilizing digital treatment planning and guided implant surgery to restore fully edentulous arches: A clinical case report
Presenters: Dr. Haidar Alalawi & Dr. Nael Eid
Mentor: Dr. Hiroshi Hirayama
Boston University
halalawi@bu.edu | naeid@bu.edu
16. Utilizing digital treatment planning and guided implant surgery to restore fully edentulous arches: A clinical case report
Presenters: Dr. Nael Eid & Dr. Anhar Basunbull
Mentor: Dr. Alexander Bendayan
Boston University
naeid@bu.edu | anharbas@bu.edu
17. Third generation monolithic zirconia restorations for fixed prosthodontics
Presenter: Dr. Carlos Alberto Jurado
Mentor: Dr. Daniel A. Givan
University of Alabama
carlosju@uab.edu
18. Digital manufacture of consecutive virtual ceramic veneers: A clinical report
Presenter: Dr. Firas Mourad
Mentor: Dr. Daniel A. Givan
University of Alabama
Firios80@hotmail.com | drmourad@uab.edu
19. Predictable digital approach for complete edentulous patient: Immediate loading of full arch prosthesis
Presenter: Dr. Saad Saleh AlResayes
Mentor: Dr. Kent Knoernschild
University of Illinois in Chicago
sresayes@uic.edu.sa
20. Utilizing zygoma and pterygoid implants in full mouth rehabilitation: Improved hybrid prosthesis
Presenter: Dr. Bahaa Alshawaf
Mentor: Dr. Khaled Elrafie
Tufts University
Bahaa.alshawaf@tufts.edu
21. Esthetic analysis of lip support and overcoming the challenge of "split philtrum" in restoring an edentulous maxilla
Presenter: Dr. Hamed Alenezi
Mentor: Dr. Panos Papaspyridakos
Tufts University
Hamed.alenezi@tufts.edu

2017 POSTER PROGRAM CONTINUED

22. Digital workflow for a non-invasive prosthodontic treatment for adolescents with ectodermal dysplasia
Presenter: Dr. Edmond A. Bedrossian
Mentor: Dr. Van Ramos
University of Washington
Edmon1@uw.edu
23. Single maxillary complete denture: A case report
Presenter: Dr. Seung Kee Choi
Mentor: Dr. Carl Driscoll
University of Maryland
schoi@umaryland.edu
24. Use of existing implants for retention of a non-restrictive surgical guide
Presenter: Dr. Andrey Doroshenko
Mentor: Dr. Carl Driscoll
University of Maryland
Andrey.d@umaryland.edu
25. Interdisciplinary management of a patient with multiple congenitally missing teeth: Digital workflow & treatment
Presenter: Dr. Michele Buda
Mentor: Dr. Hai Zhang
University of Washington
budam@uw.edu
26. Clinical workflow of digitally designed metal restorations
Presenter: Dr. Leah Romay
Mentor: Dr. Carl Driscoll
University of Maryland
Leah.romay@umaryland.edu
27. CAD/CAM polymethyl methacrylate long-term provisional onlays in facilitating interdisciplinary case
Presenter: Dr. Chin Chun Peng
Mentor: Dr. Hai Zhang
University of Washington
jeanpeng@uw.edu
28. Digital workflow of a FPM crown to an implant crown
Presenter: Dr. Navpreet Khatra
Mentor: Dr. Carl Driscoll
University of Maryland
Navi.khatra@gmail.com
29. Complete digital workflow in an interdisciplinary case report of a terminal dentition
Presenter: Dr. Konstantina Angelara
Mentor: Dr. Yen-Wei Chen
University of Washington
angelara@uw.edu

2017 POSTER PROGRAM CONTINUED

30. Dental hypersensitivity case series
Presenter: Dr. Geoffrey Johnston
Mentor: Dr. Damian Lee
The Ohio State University
Johnston.523@osu.edu
31. Cost analysis of digital impressions vs. conventional impressions for single unit crowns
Presenter: Dr. Aneeqa Malik
Mentor: Dr. Damian Lee
The Ohio State University
Anneqa.malik@gmail.com
32. Prosthodontic rehabilitation for an existing transmandibular implant system
Presenter: Dr. Naser B. Alawadhi
Mentor: Dr. John Levon
Indiana University
nabalawa@iupui.edu
33. Direct technique of denture conversion for immediate implant loading in the edentulous mandible: Case report
Presenters: Dr. Sami Almohefer & Dr. Yasmin Alzayer
Mentor: Dr. John Levon
Indiana University
Sami_8812@hotmail.com
34. Full mouth rehabilitation for severely worn dentition with restored vertical dimension utilizing dental implant and computer-guided surgery: A clinical report
Presenter: Dr. Peerapat Kaweewongprasert
Mentor: Dr. John Levon
Indiana University
pkaweewo@iupui.edu
35. Computer-guided implant planning for partial edentulous maxillae: Case report
Presenter: Dr. Ya-Ting Yu
Boston University
Mentor: Dr. Hiroshi Hirayama
Dentist0209@gmail.com
36. Tooth structure removal associated with various preparations for esthetic full coverage restoration
Presenters: Dr. Adrian Farsaii & Dr. Athena Goodarzi
Mentor: Dr. Ramtin Sadid-Zadeh
University of Buffalo
adrianfa@buffalo.edu | athenago@buffalo.edu

2017 POSTER PROGRAM CONTINUED

37. Differences between conventionally and CAD/CAM fabricated complete removable dental prostheses – objective & subjective analysis
Presenters: Dr. Christopher Coffey & Dr. Krystle Kendall
Mentor: Dr. Kent Knoernschild & Dr. Anna Manzotti
University of Illinois
Ccoffe6@uic.edu | kkenda3@uic.edu
38. Prosthetically driven surgical planning with guided implant placement in the posterior mandible
Presenters: Dr. Yuko Otsubo & Dr. Po-Hsu Chen
Mentor: Dr. Alexander Bendayan
Boston University
yukoo@bu.edu | bogyrok@bu.edu
39. Guided surgery for immediate implant placement in the esthetic zone replacing ankylosed teeth
Presenter: Dr. Walter E. Odisho & Dr. Nicolas Brombal
Mentor: Dr. Hiroshi Hirayama
Boston University
wodisho@bu.edu
40. Management of immediate implant placement and loading in the esthetic zone
Presenters: Dr. Justine Oliveros & Dr. Peixi Liao
Mentors: Dr. Gurkan Goktug and Dr. Hiroshi Hirayama
Boston University
jos@bu.edu
41. Altered implant cast technique
Presenter: Dr. Edward Chao Chien
Mentors: Dr. Mohammad Hossein Dashti and Dr. Hideo Yamamoto and Dr. Arthur Sun
Boston University
echchien@bu.edu
42. A method to restore a worn dentition using digital workflow
Presenter: Dr. Anthony Alexander
Mentor: Dr. Ramtin Sadid-Zadeh
University of Buffalo
asalexan@buffalo.edu
43. Maxillary removable complete denture prosthesis fabricated with CAD/CAM workflow: A case report
Presenters: Dr. Maram AlGhamdi & Dr. Dania EL Azzouni
Mentors: Dr. Hiroshi Hirayama & Dr. Sun Arthur & Dr. Alexander Bendayan
Boston University
maramg@bu.edu | dazzouni@bu.edu

2017 POSTER PROGRAM CONTINUED

44. Utilizing digital treatment planning and guided implant surgery to restore fully edentulous arches: A clinical case report
Presenters: Dr. Asmaa Bukhari & Dr. Waleed Hafi
Mentor: Hiroshi Hirayama
Boston University
asmaab@bu.edu | Whafiz@bu.edu
45. Sequential loss of teeth: Case report converting individual implant restorations to an ISFDP
Presenters: Dr. Druthi Belur & Dr. Christopher Gonzales
Mentor: Dr. William Nagy
Texas A&M University
dbelur@tamhsc.edu
46. The effect of firing on marginal fit of heat-pressed lithium disilicate veneers
Presenters: Dr. Panagiotis Gakis & Dr. Prokopios Antonellis & Dr. Kimberly R. Dennis
Mentor: Dr. William Nagy
Texas A&M University
47. Marginal fit of lithium Disilicate crowns using three different fabrication techniques
Presenters: Dr. Steven Williams & Dr. Mohammed Rawas
Mentor: Dr. William Nagy
Texas A&M University
sawilliams@tamhsc.edu | mrawas@tamhsc.edu
48. Dental photography: How lighting affects your photos and how photos affect your practice
Presenters: Dr. Brian Aguirre & Dr. Stephanie Zeller & Dr. John Buie
Mentor: Dr. William Nagy
Texas A&M University
Bca410@gmail.com | StephanieKZeller@gmail.com | john.m.buie@gmail.com
49. Digital solution for fabricating an interim complete arch fixed implant supported interim prosthesis
Presenter: Dr. Mitchell Persenaire
Mentor: Dr. Avinash Bidra
University of Connecticut
persenaire@uchc.edu
50. Predictability in treating the exacting patient
Presenter: Dr. Kerin M Jamison
Mentor: Dr. Cynthia Aita-Holmes
US Army Fort Gordon GA
Kerin.m.jamison.mil@mail.mil
51. An alternative method of retrofitting existing crown after endodontic treatment
Presenters: Dr. Ken Jenn-Hwan Chen & Dr. James Nai-Bang Lin
Texas A&M University & Kaohsiung Chang Gung Memorial Hospital
jhchen@bcd.tamhsc.edu | asdftw@gmail.com

52. Retracting from the cord way
 Presenter: Ms. Loren N. Genetti
 Mentor: Dr. Josheph B. Breitman
 Temple University
 Loren.genetti@gmail.com

53. Design considerations for screw access channel with screw-retained implant restoration: SAC classification
 Presenters: Dr. Abdulrahman Taleb & Dr. Abdulaziz Alzaid
 Mentor: Dr. Mathew Kattadiyil
 Loma Linda University
 ataleb@llu.edu | aalzaid@llu.edu

54. Diagnostic classification and design considerations for implant-supported fixed partial dentures: The ABC/PBC classifications
 Presenters: Dr. Sarah Bukhari & Dr. AbdulAziz Alhelal
 Mentor: Dr. Mathew Kattadiyil
 Loma Linda University
 sbukhari@llu.edu | aalhelal@llu.edu

55. Polyetheretherketone – A new material in prosthetic dentistry
 Presenter: Dr. Maryam Gheisarifar
 Mentor: Dr. Geoffrey Thompson
 Marquette University
 Maryam.gheisarifar@marquette.edu

56. Post-treatment splinting method for zirconia crowns
 Presenter: Dr. Amelia L. Orta
 Mentor: Dr. Philip S. Baker
 Augusta University
 acaptain@augusta.edu

57. Fabricating Implant fixed complete denture utilizing selective laser melting technology
 Presenter: Dr. Ali Ramadhan
 Mentor: Dr. Geoffrey Thompson
 Ali.ramadhan@marquette.edu

58. Comparing workflows for CAD-CAM monolithic vs hand crafted layered veneers.
 Presenters: Dr. Rudy Vega & Dr. Marko Tadros
 Mentor: Dr. Philip Baker
 Augusta University
 RUVEGA@augusta.edu

59. Comparison of marginal and internal discrepancies of zirconia crowns with different digital impression methods
 Presenters: Dr. Hay-Won Cho & Dr. Sung-Sook Kim
 Mentor: Dr. Ji-Myung Bae
 Wonkwang University, Iksan, Korea
 hwcho@wku.ac.kr | sugarage79@naver.com

60. Digital and analog workflow for predictable full mouth reconstruction and implants
Presenter: Dr. Randold Binns
Mentor: Dr. Aristóteles Marinis
Program Director: Dr. Kent Knoernschild
University of Illinois
rbinns@uic.edu
61. A method of locating the abutment screw access channel with a 3D printed drilling guide
Presenter: Dr. Waleed Nasir Asiri
Mentor: Dr. Geoffrey Thompson
Marquette University
Waleed.asiri@marquette.edu
62. Fabrication of a 3D printed crown-lengthening guide
Presenters: Dr. Bryan Lara & Dr. Marko Tadros
Mentor: Dr. Philip Baker
Augusta University
blara@augusta.edu | mtadros@augusta.edu
63. A predictable, controlled approach to immediate implant-supported fixed full-arch prostheses
Presenter: Dr. Stuart Schelkopf
Mentor: Dr. Kent Knoernschild
University of Illinois
Sschelk2@gmail.com

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

**THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS
SIXTY-SIXTH ANNUAL SCIENTIFIC SESSION
FRIDAY, FEBRUARY 24, 2017**

NAVIGATING NEW FRONTIERS IN PROSTHODONTICS

- 7:00 a.m. Registration, 7th Floor Foyer
Continental Breakfast in Exhibit Hall, Salon III
- 8:00 a.m. WELCOME: Dr. Gerry Santulli, President
Introductory Remarks, Dr. David Burns, Program Chair
AAFP European Meeting, Dr. Jack Lipkin
- Session I Moderators: Dr. Charles Goodacre and Dr. Carl Driscoll
- 8:10 a.m. Dr. Lyndon Cooper
The Impact of Technology on the Prosthodontic Frontier
- 9:00 a.m. Dr. Irena Sailer
Fixed Prosthodontics in the Era of CAD/CAM –
Are Conventional Restorations Outdated?
- 9:45 a.m. REFRESHMENT BREAK IN THE 7th FLOOR EXHIBIT HALL
All members, guests and students invited
- 10:30 a.m. Dr. Peter Wohrle
Integrated Treatment Flow: Treatment Planning and Execution
for Improved Prosthetic Outcome
- 11:15 a.m. Panel Discussion with Moderator; Drs. Cooper, Sailer, Wohrle
- 12:00- ANNUAL LUNCHEON FOR MEMBERS, GUESTS,
AND STUDENTS
5th Floor Chicago Ballroom
- Session II Moderator: Dr. David Burns
- 2:00 p.m. Dr. Stephen Chu
Prosthodontic Strategies for Maintaining Soft Tissue
Esthetics Around Single Tooth Implants Placed into Extraction
Sockets in the Esthetic Zone
- 2:45 p.m. Dr. Eric Van Dooren
New Opportunities for Enhancement in the Esthetic Zone
- 3:30- REFRESHMENT BREAK IN THE 7th FLOOR EXHIBIT HALL
All members, guests and students invited
- 4:15 p.m. Dr. Matthias Kern
Bonding Capacity of Luting Agents to Alloys and Ceramics in
Adhesive Prosthodontics
- 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-SIXTH ANNUAL SCIENTIFIC SESSION
SATURDAY, FEBRUARY 25, 2017**

NAVIGATING NEW FRONTIERS IN PROSTHODONTICS

7:00 a.m. Registration, 7th Floor Foyer
Continental Breakfast in Exhibit Hall, Salon III

Session III Moderator: Dr. Sarita Arteaga

8:00 a.m. Dr. Dennis Tarnow
Immediate vs. Delayed Socket Placement. Where Are We Today?

8:45 a.m. Dr. Wael Att
Three-Dimensional Engineering in Dentofacial Rehabilitation

9:30 a.m. REFRESHMENT BREAK IN THE 7th FLOOR EXHIBIT HALL
All members, guests and students invited

10:15 a.m. POSTER AWARDS
Dr. Carol Lefebvre
Dr. Sarit Kaplan, Poster Committee Chair

10:30 p.m. Dr. Martijn Moolenaar
Managing the Three-Dimensional Tissue Profile Around
Implants in the Esthetic Zone

11:15 p.m. Dr. B. Ellen Byrne
Pharmacology Update: The Ten Most Prescribed Drugs Your
Patients are Taking

12:00- LIGHT LUNCHEON
1:30 p.m. Food Served in the 7th Floor Exhibit Hall, Salon III
(Exhibits will close at the start of the afternoon program)

Session IV Moderator: Dr. Billie Sue Kyger

1:30 p.m. Dr. Leonardo Bacherini
The Prosthetic Rehabilitation: Tradition vs. Innovation

2:15 p.m. Dr. Michael Ragan
Navigating New Exposures in Prosthodontics

3:15 p.m. Dr. Gerald Grant
The Digital Dental Thread: Where are We Going With This?

4:00 p.m. CLOSING REMARKS
Dr. Gerry Santulli, President
Dr. David Burns, Program Chair

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



DR. LYNDON COOPER

*The Impact of Technology on the
Prosthodontic Frontier*

Friday, February 24, 2017 | 8:10 a.m.

Synopsis:

Technology comes in many forms and prosthodontics has been changed by hardware, software, materials, and emerging datasets. Our decisions, techniques, and outcomes are changing with these technologies. This presentation will illustrate how these technologies alter the delivery of prosthodontic care. Our future likely depends on our ability to better estimate or predict the future of our own therapies. We will explore our proximal future and investigate factors that will influence the balance of diagnostic-based versus outcome-based practice.

Objectives:

- Understand the forces acting in dentistry that will alter prosthodontics.
- Be able to identify key biologic and technical factors that influence therapeutic outcomes.
- Identify current strategies that influence factors that affect outcomes.
- Appreciate how integrating advancing technologies in practice and education may alter the discipline and specialty of prosthodontics.

Curriculum Vitae:

Dr. Lyndon Cooper D.D.S., Ph.D. is the Associate Dean for Research and Head of the Department of Oral Biology at University of Illinois School of Dentistry, Chicago. He previously served as Stallings Distinguished Professor of Dentistry and Director of Graduate Prosthodontics at the University of North Carolina at Chapel Hill. Dr. Cooper is a Diplomate of the American Board of Prosthodontics and served as the 2010 President of the American College of Prosthodontists. He presently serves as the Chair of the American College of Prosthodontists Education Foundation. He received the ACP's 2004 Clinician/Researcher Award and the IADR's 2009 Distinguished Scientist Award for Prosthodontics and Implantology. Dr. Cooper's Bone Biology and Implant Therapy Laboratory focuses on bone biology, adult stem cell bone regeneration, and clinical evaluation of dental implant therapies. Their research findings have been presented in over 150 publications and numerous national and international presentations. These efforts integrate basic and clinical research to improve patient care.



DR. IRENA SAILER

*Fixed Prosthodontics in the Era of CAD/CAM
– Are Conventional Restorations Outdated?*

Friday, February 24, 2017 | 9:00 a.m.

Synopsis:

Digital impressions and computer-aided manufacturing of restorations steadily gain in importance within restorative dentistry. Irrespective of the fact that digital impressions have been introduced to dentistry more than 30 years ago with the development of the Cerec CAD/CAM system, their application in daily clinical practice was not very frequent - until recently. Today, a high number of intraoral scanners and associated CAD/CAM procedures are available.

One of the factors raising the attractiveness of computerized procedures is the high variety of new restorative materials that were introduced for the computerized manufacturing.

High-strength ceramics, lithium-disilicate glass-ceramics or non-precious alloys are already well established as restorative materials. New hybrid materials like e.g. nano-ceramics even promise to be long-lasting, highly esthetic and less costly. They can be used in the monolithic stage and processed chairside in the dental practice. An increase in the application of these monolithic tooth – and/or implant- borne restorations can be observed in daily clinical practice. Still, the literature on their outcomes is very scarce.

The lecture will critically evaluate the possibilities that the new technologies offer to the practitioner, and will highlight whether or not they are unlimited.

Objectives:

- Identify differences between digital impression systems.
- Compare CAD/CAM with conventional fabrication processes.
- Compare all-ceramic, metal-ceramic, and hybrid materials.
- Discuss outcomes of clinical studies.

Curriculum Vitae:

Irena Sailer received her dental education and Dr. med. dent. degree from the Faculty of Medicine, University of Tübingen, Germany in 1997/1998. In 2003 Dr. Sailer received an Assistant Professorship at the Clinic of Fixed and Removable Prosthodontics and Dental Material Sciences in Zurich. From 2010 on she was an Associate Professor at the same institute. In 2007 Dr. Sailer was a Visiting Scholar at the Department of Biomaterials and Biomimetics, Dental College, New York University, USA. Additionally, since 2009 she holds an Adjunct Associate Professorship at the Department of Preventive and Restorative Sciences, Robert Schattner Center, School of Dental Medicine, University of Pennsylvania, Philadelphia, USA.

Irena Sailer is a Specialist for Prosthodontics (Swiss Society for Reconstructive Dentistry) and holds a specialization degree for Dental Implantology (WBA) of the Swiss Society for Dentistry.

Since September 2013 she has been the Head of the Division of Fixed Prosthodontics and Biomaterials at the University of Geneva.



DR. PETER WOHRLE

Integrated Treatment Flow: Treatment Planning and Execution for Improved Prosthetic Outcome

Friday, February 24, 2017 | 10:30 a.m.

Synopsis:

As newer treatment concepts such as CT-assisted diagnosis, minimally invasive surgery, guided surgery and immediate restorations advance, the outcome of treatment has become more predictable. These new approaches allow for a significantly reduced treatment complexity, facilitate the overall process, and deliver the prosthetic restoration in an expedient and cost-effective manner. Furthermore, these new techniques enhance the patient experience and provide the necessary information for proper evaluation and critical decisions.

Objectives:

- Discuss how digital data acquisition and planning can help establish the potential outcome as well as limits of any proposed treatment.
- Understand the various entry- and exit points of the digital workflow based on their preference and availability of digital equipment.
- Apply a materials selection algorithm to select the most appropriate dental materials for the various indications.

Curriculum Vitae:

Dr. Peter Wöhrle received his DMD cum laude and Master of Medical Sciences in Oral Biology from Harvard University. Additionally, he completed an advanced education program in Prosthodontics and an advanced education program in Implant Dentistry at Harvard, and a four-year certified dental technician program in Switzerland.

While at Harvard, he worked with his mentor, Dr. Paul Schnitman, on the groundbreaking concept of immediate loading with endosseous implants. Once in private practice, Dr. Wöhrle applied these principles to the concept of immediate tooth replacement in the esthetic zone. Currently, he is actively involved in optimizing the digital workflow as it relates to Implant Dentistry.



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

Friday, February 24, 2017 | 12:00 p.m.

2017 STANLEY D. TYLMAN RESEARCH AWARDS*

Dr. Fei Liu, Chair, Tylman Research Committee

FIRST PLACE AWARD

Dr. William Maxwell Wahle

University of Maryland

Program Director: Dr. Carl Driscoll

Research Advisor: Dr. Radi Masri

SECOND PLACE AWARD

Dr. Armand Putra

University of Washington

Program Director: Dr. Hai Zhang

Research Advisor: Dr. Kwok-Hung Chung and Dr. Ariel Raigrodski

THIRD PLACE AWARD

Dr. Bratos Manuel

University of Washington

Program Director: Dr. Hai Zhang

Research Advisor: Dr. Jeffrey Rubenstein

GARVER-STAFFANOU PROSTHODONTIC PROGRAM

DIRECTOR'S AWARD FOR EXCELLENCE

Dr. William Nagy, Chair, Garver-Staffanou Award Committee

Dr. Steven Aquilino

2017 Recipient

CLAUDE R. BAKER FACULTY AWARD

Dr. Caroline Nguyen, Chair Baker Award Committee

Dr. Aaron (Seok Hwan) Cho

2017 Recipient

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

Dr. Jane Brewer, Chair, George H. Moulton Award Committee

Dr. Martin Land

2017 Recipient

PRESENTATION OF NEW AAFP MEMBERS

Dr. Avinash Bidra, 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. STEPHEN CHU

Prosthodontic Strategies for Maintaining Soft Tissue Esthetics Around Single Tooth Implants Placed into Extraction Sockets in the Esthetic Zone

Friday, February 24, 2017 | 2:00 p.m.

Synopsis:

Implant dentistry is continuously evolving, offering new and more predictable forms of therapy with minimally invasive protocols. Innovative techniques now allow for better esthetics, decreased treatment times, and greater patient comfort. However, these new techniques and therapies continue to raise questions and concerns regarding the risk and rewards of each. Specifically, controversial issues regarding immediate post-extraction socket implant placement in relationship to survival and esthetic outcomes. Immediate provisional restoration of immediate implants placed into healed [delayed] or augmented sites will be presented.

In addition, this lecture will address current concepts [i.e. platform switching], techniques, clinical research, histologic evidence, and innovations in immediate implant placement and provisional restoration and how they can enhance treatment procedures, time, and clinical outcomes for greater patient comfort, care, and satisfaction.

Objectives:

- Discuss the esthetic impact on peri-implant soft tissue thickness.
- Consider the biologic impact of provisional materials.
- Evaluate innovative techniques in provisional restoration fabrication.

Curriculum Vitae:

Stephen J. Chu maintains an academic appointment in the Ashman Department of Periodontology and Implant Dentistry at New York University College of Dentistry as an Adjunct Clinical Professor. He also has a private practice in fixed prosthodontics, esthetic, and implant dentistry in New York City.

Dr. Chu has published extensively in the dental literature and has given lectures nationally and internationally on the subjects of esthetic, restorative, and implant dentistry.

Dr. Chu is on the editorial review board of several peer-reviewed dental journals. He is the recipient of the Peter Scharer distinguished lecturer award from the European Academy of Esthetic Dentistry.



DR. ERIC VAN DOOREN

New Opportunities for Enhancement in the Esthetic Zone

Friday, February 24, 2017 | 2:45 p.m.

Synopsis:

The esthetic implant rehabilitation of patients with esthetically and functionally compromised dentition frequently involves a multidisciplinary approach. The achieving of esthetic objectives in multidisciplinary cases represents a considerable clinical challenge.

During recent years, treatment modalities and options have changed. From a surgical point of view, less invasive procedures are used in order to preserve soft tissue anatomy and minimize recession. Also, the design of implants and prosthetic components has changed in order to minimize bone resorption and soft tissue alterations. This lecture will focus on a new surgical and prosthetic approach in difficult esthetic implant rehabilitations.

Objectives:

- Understanding the importance of the implant geometry.
- Understanding the biology of the transmucosal components.
- Understanding the abutment design and materials.
- Understanding prosthetic soft tissue recontouring.

Curriculum Vitae:

Dr. Eric Van Dooren attended the Katholieke Universiteit Leuven, Belgium, where he received his degree in dentistry in 1982. After graduating, he opened a private practice in Antwerp, Belgium, which is limited to periodontics, fixed prosthodontics, and implants.

Currently, Dr. Van Dooren is a Visiting Professor at University of Liege (Belgium) and University of Marseille. He is an active member of the European Academy of Esthetic Dentistry.

Dr. Van Dooren lectures nationally and internationally, mainly on aesthetics, implants, and aesthetic periodontal surgery.



DR. MATTHIAS KERN

*Bonding Capacity of Luting Agents to Alloys
and Ceramics in Adhesive Prosthodontics*

Friday, February 24, 2017 | 4:15 p.m.

Synopsis:

Adhesive bonding methods changed the world of restorative dentistry in allowing minimal and highly esthetic invasive restorations.

This lecture summarizes the bonding methods available today when bonding metal or all-ceramic restorations. Every bonding method consists of at least three basic steps: 1. Cleaning the bonding surface, 2. surface roughening and increasing the wettability, and 3. creating a chemical bond via adhesive monomers. In addition, clinical applications and promising results with resin-bonded, minimally-invasive restorations will be presented.

Objectives:

- Learn how to bond to metals successfully.
- Learn how to bond to all-ceramics successfully.
- Learn how to use resin-bonded attachments for removable dental prostheses.
- Understand why cantilevered RBFDPs with a single retainer are superior to two-retainer RBFDPs.

Curriculum Vitae:

Graduation from Dental School in Freiburg, Germany in 1985. Assistant Professor in the Department of Prosthodontics, University of Freiburg 1985-1991 and 1994-1997. DMD thesis 1987. 1991-1993 Visiting Research Associate Professor, University of Maryland at Baltimore, USA (Grant from the German Society of Research). 1995 Habilitation. Since 1997 Professor and Chairman of the Department of Prosthodontics, Propaedeutics and Dental Materials, Christian-Albrechts University at Kiel, Germany. In Dec 2011 Dr. Kern received the Schweitzer Research Award of the Greater New York Academy of Prosthodontics (GNYAP). From 2012-2016 Dr. Kern served as President of the German Society for Prosthetic Dentistry and Biomaterials (DGPro).



DR. DENNIS TARNOW

*Immediate vs. Delayed Socket Placement
Where are We Today?*

Saturday, February 25, 2017 | 8:00 a.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 for which the practitioner must be fully aware. 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 provisional restorations.
- 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 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 Diplomat 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. WAEL ATT

Three-Dimensional Engineering in Dentofacial Rehabilitation.

Saturday, February 25, 2017 | 8:45 a.m.

Synopsis:

The progressive shift towards implementing digitally-driven 3D engineering tools in reconstructive dentistry is obvious. Compared to conventional methods, the ultimate goal of digital technologies is to improve the quality and capabilities in examination, diagnosis, and treatment of the dental patient. It is still questionable, however, whether such digital tools facilitate improved accuracy in data acquisition and assessment, superior efficacy in treatment planning, and more controlled and faster manufacturing process. This presentation will provide an overview of 3D engineering in comprehensive dento-facial rehabilitation and discuss different possibilities and advantages when using a conventional or a digital approach.

Objectives:

- Identify the different components of the digital workflow in reconstructive dentistry.
- See how the combination of different digital technologies can benefit the overall treatment.
- Discover the advantages and drawbacks of implementing the digital workflow in complex rehabilitations.

Curriculum Vitae:

Prof. Att is the Director of Postgraduate Program at the Department of Prosthodontics, Dental School, University of Freiburg. He is a board-certified prosthodontist from the German Society of Prosthodontics and Biomaterials (DGPro). He obtained his DDS degree in 1997 and received the Dr Med Dent (2003) and PhD (2010) degrees as well as the title of extraordinary professor (2013) from the University of Freiburg. He was a Visiting Assistant Professor from 2005 to 2007 at the Weintraub Center for Reconstructive Biotechnology, UCLA School of Dentistry.



DR. MARTIJN MOOLENAAR

*Managing the Three-Dimensional Tissue Profile
Around Implants in the Esthetic Zone*

Saturday, February 25, 2017 | 10:30 a.m.

Synopsis:

One of the factors that will impact the final esthetic outcome of an implant-retained restoration is the volume and shape of the soft tissue around the restoration. Before starting treatment, the “final” position of the soft tissue needs to be determined so that any hard- and/or soft-tissue grafts can be planned.

After completion of the surgical phase, the soft tissue management phase begins.

A provisional restoration can be used to shape the soft tissue in an optimal form before a ceramic restoration is placed. During this lecture, biologic principles of the implant position and soft tissue management will be discussed and illustrated using clinical examples.

Objectives:

- Learn how to determine the 3D implant positioning in the esthetic zone.
- Consider soft tissue management during the healing and maturation phase.
- Identify how to communicate the soft tissue shape to the laboratory.

Curriculum Vitae:

Dr. M.C. Moolenaar graduated from the University of Amsterdam in July 1999, followed by a postgraduate private training in restorative dentistry for three years at the Dental Center in Hoofddorp. Dr. Moolenaar earned a specialist certificate in Oral Implantology (NVOI). He holds membership in numerous dental professional organizations, including the American Academy for Fixed Prosthodontics.

Additionally, he is a board member of the Dutch Academy for Restorative Dentistry (NVRT) and the visiting committee of the Dutch Academy for Oral Implantology. In 2011 he became an EPA board certified specialist in Prosthodontics. Since October 2014 he became an active member of the European Academy of Esthetic Dentistry (EAED). Dr. Moolenaar has lectured nationally and internationally on restorative dentistry and implantology as well as being a published author on esthetically related dental topics. He maintains a private practice in Blaricum, The Netherlands. Limited to fixed prosthodontics and implantology. In January 2014 he founded Dental Design Academy, a post-graduate program in Prosthodontics.



DR. B. ELLEN BYRNE

Pharmacology Update: The Ten Most Prescribed Drugs Your Patients are Taking

Saturday, February 25, 2017 | 11:15 a.m.

Synopsis:

Not all pharmacology fits into a textbook. While many pharmacological principles remain the same, the number of drugs introduced yearly is explosive. The practitioner is required to ponder the significance of complex medical history with numerous drugs listed. This fast moving, clinically relevant pharmacology presentation will review the top most prescribed drugs and their implications to dental treatment and oral health care.

Objectives

- Identify most commonly prescribed drugs
- Identify dental “side effects” of commonly prescribed drugs

Curriculum Vitae:

Dr. B. Ellen Byrne’s academic background includes a BS in Pharmacy, DDS, General Practice Residency, Certificate in Endodontics and a PhD in Pharmacology and Toxicology all from Virginia Commonwealth University.

She is currently a professor of Endodontics and Senior Associate Dean of the VCU School of Dentistry. Dr. Byrne has enjoyed national recognition as a speaker, has served on multiple ADA Committees and has won prestigious alumni awards. She is a fellow in the International College of Dentists, American College of Dentists and Pierre Fauchard Academic. She is a gifted and entertaining speaker on pharmacology.



DR. LEONARDO BACHERINI

The Prosthetic Rehabilitation: Tradition vs. Innovation

Saturday, February 25, 2017 | 1:30 p.m.

Synopsis:

The presentation will discuss the fundamentals required to accomplish a pleasing, functional, and long-lasting esthetic outcome: treatment planning, team collaboration, understanding of the patient's needs, and selection of restorative materials.

Nowadays an innovative operative protocol allows us to face highly compromised clinical situations, with a minimally invasive prosthetic procedure (MIPP) that guarantees an excellent, long-lasting esthetic result and a better acceptance of the treatment by the patient.

Objectives:

- Discuss how to minimize the invasiveness of the prosthetic treatment and still obtain an ideal esthetic result.
- Consider how to optimize esthetics and function thanks to innovative prosthetic procedures.

Curriculum Vitae:

Dr. Bacherini graduated in Dentistry from the University of Florence in 1995. He has been a member of the Nobel Biocare Mentor Project and lectures nationally and internationally on prosthodontics and implants. He has been a member for more than ten years of the Italian Society of Prosthetic Dentistry, and is an active member of the Italian Academy of Esthetic Dentistry. He is the author of scientific publications in Italian and focuses his professional activities mainly on Prosthodontics and Implant dentistry in his private practice in Florence, Italy.



DR. MICHAEL RAGAN

*Navigating New Exposures in
Prosthodontics*

Saturday, February 25, 2017 | 2:15 p.m.

Synopsis:

The scope of practice in twenty-first century Prosthodontics has expanded greatly. As such, the exposure to civil litigation and licensure actions has increased concomitantly. This presentation will address the frequency and severity of the present claims spectrum. Measures to mitigate exposure will be addressed.

Objectives:

- Address the frequency and severity of prosthodontic claims.
- Develop practice parameters to mitigate civil exposure.
- Develop methodology to protect dental licensure.

Curriculum Vitae:

Dr. Michael R. Ragan is Managing Partner of a Miami, Florida law firm with 25 years of experience as a defense trial attorney. Dr. Ragan received a B.A. from Syracuse University, a D.M.D. from the University of Pennsylvania School of Dental Medicine, a J.D. from the Georgetown University Law Center, and an L.L.M. in Health Law from Loyola University College of Law in Chicago, Illinois. Dr. Ragan has held academic appointments at the University of Pennsylvania School of Dental Medicine, the University of Florida College of Dentistry, and the Georgetown University School of Dentistry. Dr. Ragan is presently Adjunct Professor in the Department of Oral and Maxillofacial Surgery at the Nova Southeastern College of Dental Medicine.

Dr. Ragan practiced clinical dentistry for fifteen years and supervised healthcare professional liability claims for seven years within the insurance industry. Dr. Ragan is a member of the Board of Directors of Fortress Insurance Company and Chairman of their Claims Committee. Dr. Ragan is a Fellow of the American College of Dentists, the International College of Dentists, and the American College of Legal Medicine.



DR. GERALD GRANT

The Digital Dental Thread: Where are We Going With This?

Saturday, February 25, 2017 | 3:15 p.m.

Synopsis:

The current pace in the development of technologies for scanning, computer design of dental restorations, virtual surgery, and some form of digital manufacturing is moving at an alarming rate for dentistry. Not unlike our highly technical world, the “tools” for use with digital technology in medicine and dentistry seem to be obsolete just as we begin to accept them. This presentation seeks to discuss the use of a digital workflow, providing choices for different options to leverage the technology and attempt to stay the flow of the ever evolving changes.

Objectives:

- Introduce the concepts of the “digital thread” and its development.
- Provide insight into how to use the “digital thread” to develop a digital practice without going bankrupt.
- Provide an overview of the role of dentist in a highly technical workflow.

Curriculum Vitae:

Dr. Gerald Grant is a Maxillofacial Prosthodontist who recently retired from 30 years with the US Navy, where he spent the last 15 years in research and development of the use of digital technologies in head and neck reconstruction and the Service Chief of the Walter Reed National Military Medical Center 3D Medical applications Center. He is a diplomat of the American Board of Prosthodontics and Past President of the American Academy of Maxillofacial Prosthetics.



DR. CARL DRISCOLL

Is Plastic in the Best Interest of Our Patients?

RESERVE SPEAKER

Synopsis:

Traditional full arch fixed implant restorations that have been used for years have proven to be very fruitful for both the patient and the prosthodontist. However, long-term clinical observations combined with recent literature now raises questions on the efficacy of this treatment. Spend time with this presentation to question what we are doing and the potential long-term effects of this treatment. Learn potential answers to the question "Is Plastic in the Patient's Best Interest?"

Objectives:

- Learn the complications that you may face with implants in your practice.
- Learn clinical techniques to make implant treatment less stressful to you and the patient.
- Learn methods to deal with implant complications that we may not yet understand completely.

Curriculum Vitae:

Dr. Carl F. Driscoll currently serves as a Professor at the University of Maryland Dental School and as Director of the Prosthodontic Residency. Dr. Driscoll is a Diplomate of the American Board of Prosthodontics and a Fellow of the American College of Prosthodontists (ACP). Dr. Driscoll has served as President of the American Academy of Fixed Prosthodontics, President of the American Board of Prosthodontics, and as President of the ACP. He has been awarded both the Garver-Staffanou and Moulton Awards from the AAFP. Dr. Driscoll has given over 350 presentations nationally and internationally and has authored over 75 publications.

*Please join in the excellence of Fixed Prosthodontics at the 2018
Annual Scientific Session of the
American Academy of Fixed Prosthodontics*

PRESIDENT DR. DAVID R. BURNS
FEBRUARY 23 AND 24, 2018

"Integrating Conventional and Contemporary Treatment Philosophies"

Mark Adams, DDS, MS
"Keys to Predictably Providing the Third Dentition"

Gordon Christensen, DDS, MS, PhD
"How has Digital Dentistry Changed Fixed Prosthodontics?"

Katherine Corcoran, J.D.
"Implants: Trends and Topics in Dental Malpractice Litigation"

Martin Land, DDS, MSD
"Contemporary Prosthodontics: Contrasting Past, Present and Future"

Stanley Malamed, DDS
"What's New in Local Anesthesia - Dentistry's Most Important Drugs"

Palo Malo, DDS, PhD
*"The MALO CLINIC Bridge: History, Challenges, Advantages,
Disadvantages, the Future"*

William Martin, DMD, MS, FACP
*"Fixed Restorative Solutions for the Edentulous Arch,
Planning Driving Predictability"*

Jeffrey Okeson, DMD
"A Contemporary look at Prosthodontics and TMD"

Vijay Parashar, DDS, MDSc.
"Cone Beam CT: Standard of Care for Dental Implants?"

Stephen Parel, DDS
"A Retrospective on the Prosthodontic Perspective of Implant Therapy"

John Sorensen, DMD, PhD, FACP
*"The Convergence of Modern Ceramics & Digital Technology
for Enhanced Prosthodontics"*

Enrico Steger, MDT
"100% Esthetics - Digital Components for the Practice"

Thomas Taylor, DDS, MSD
*"Occlusion as it Relates to Implant Prosthodontics: Conventional Thinking and
Contemporary Realities."*

Glenn Wolfinger, DMD, FACP
"The Evolution of the Teeth In A Day® Protocol"

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