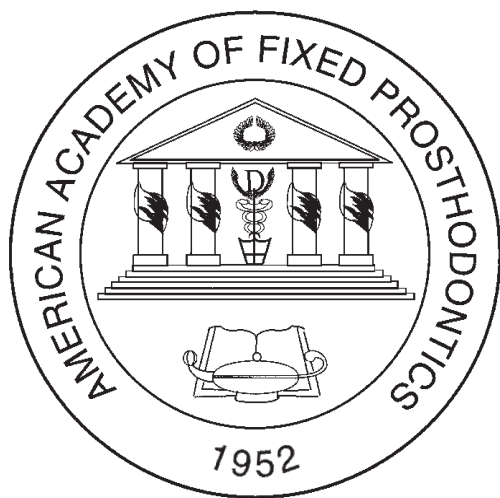


# THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS



## NAVIGATING EXPECTATIONS

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IN

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## FIXED PROSTHODONTICS

73<sup>rd</sup> ANNUAL SCIENTIFIC SESSION

Friday, February 23, 2024

Saturday, February 24, 2024

CHICAGO MARRIOTT DOWNTOWN  
7<sup>TH</sup> FLOOR BALLROOMS I, II, III

# TABLE OF CONTENTS

MISSION AND GOALS ..... 2

INTRODUCTION OF CORPORATE SPONSORS ..... 3

ORIGIN AND HERITAGE ..... 4

PAST PRESIDENTS ..... 5

PRESIDENT'S MESSAGE ..... 6

OFFICERS AND DIRECTORS ..... 7-8

COMMITTEES AND PRESIDENTIAL APPOINTMENTS..... 9-12

PREVIOUS TYLMAN AWARD RECIPIENTS ..... 13

PREVIOUS MOULTON, BAKER, GARVER-STAFFANOU AWARD  
RECIPIENTS AND HONORARY MEMBERS ..... 14

ANNUAL MEMBERS FELLOWSHIP AND BUSINESS MEETING..... 15

PROGRAM CHAIRS ..... 16

EXHIBITOR DIRECTORY ..... 17

POSTER PROGRAM DIRECTORY ..... 19-27

FRIDAY SCIENTIFIC PROGRAM..... 28

SATURDAY SCIENTIFIC PROGRAM ..... 29

ANNUAL LUNCHEON..... 34

Tylman Award Presentations  
Baker Faculty Award Presentation  
Garver-Staffanou Award Presentation  
Moulton Award Presentation  
Introduction of New Members

FRIDAY PROGRAM SPEAKERS AND SYNOPSES..... 30-37

SATURDAY PROGRAM SPEAKERS AND SYNOPSES ..... 38-44

RESERVE SPEAKER ..... 45

2025 PROGRAM PREVIEW ..... 46-47

NOTE SPACE ..... 48-49

## TENTATIVE 2025 MEETING DATE February 21-22, 2025

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 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 instructors, nor does it imply acceptance of credit hours by boards of dentistry.

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13.5 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

2024 SILVER SPONSORS

The Ivoclar logo features a small green dot above the letter 'i', followed by the word 'ivoclar' in a bold, blue, sans-serif font.



The Straumann logo consists of a green graphic element on the left, composed of two parallel slanted bars, followed by the word 'straumann' in a bold, black, sans-serif font.



**KEYSTONE DENTAL**  
GROUP

## 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	Ronald G. Granger.....1989
* Robert P. Dressel.....1954	* Maurice H. Martel.....1990
* E. David Shooshan.....1955	* Ronald D. Woody.....1991
* Earl Allen Nelson.....1956	* Albert J. Kazis.....1992
* L. Walter Brown, Jr.....1957	* William L. Nequette.....1993
* George H. Moulton.....1958	Dale L. Timberlake.....1994
* Francis B. Vedder.....1959	Jesse T. Bullard.....1995
* Stanley D. Tylman.....1960	* Harvey L. Colman.....1996
* William H. Hagen.....1961	* Gerald J. Ziebert.....1997
* Everett Carl Brooks.....1962	* Richard D. Wilson.....1998
* Ernest B. Nuttall.....1963	Denny M. Smith.....1999
* Fred Norman Bazola.....1964	* Davis A. Garlapo.....2000
* John D. Adams.....1965	Stephen D. Campbell.....2001
* Robert Conley Zeisz.....1966	Richard R. Cavanaugh.....2002
* Willis Edward Corry.....1967	John T. Goodman.....2003
* Joseph E. Ewing.....1968	William W. Nagy.....2004
* E. Edward Kraus.....1969	Peter S. Lund.....2005
* Raymond M. Contino.....1970	H. Philip Pierpont.....2006
* Douglas H. Yock.....1971	Jane D. Brewer.....2007
* Philip Williams.....1972	Martin F. Land.....2008
* Douglas M. Lyon.....1973	John R. Agar.....2009
* Kenneth A. Morrison.....1974	Kent L. Knoernschild.....2010
* Robert Sheldon Stein.....1975	Stephen F. Rosenstiel.....2011
* John M. Schlick.....1976	J. Robert Kelly.....2012
* Charles L. Ziegler.....1976	Carl F. Driscoll.....2013
* Charles J. King.....1977	Julie A. Holloway.....2014
* Samuel E. Guyer.....1978	Jack Lipkin.....2015
* Roland W. Dykema.....1979	Steven Morgano.....2016
* Wade H. Hagerman, Jr.....1980	Gerald Santulli.....2017
* Robert D. Jeronimus.....1981	David Burns.....2018
* Lloyd L. Miller.....1982	Ariel Raigrodski.....2019
* John H. Emmert.....1983	* Stan Vermilyea.....2020
* Alfred C. Macaluso.....1984	Radi Masri.....2021
* Ernest B. Mingledorff.....1985	James Dunne.....2022
Herbert Ptack.....1986	Jennifer Kuracina.....2023
* Ralph A. Yuodelis.....1987	
* William D. Culpepper.....1988	

---

\* Deceased



## DR. Sarit Kaplan President, 2023-2024

Let me extend my warmest personal welcome to all Members, Residents, Guests, Exhibitors, and meeting Sponsors to the 73rd Annual Meeting of the American Academy of Fixed Prosthodontics (AAFP).

The academy offers unparalleled value for continued education and fellowship. Program Co-Chairs, Drs. Lauren Bolding and Anton Petrich have put together an outstanding program titled “Navigating Expectations in Fixed Prosthodontics”. They invited an exceptional group of experts that we will all benefit from being exposed to their ideas and progressive accomplishments. We strive to promote excellence in patient care and attract those practitioners with that commitment and dedication. Our Poster Session continues to grow and to attract the top students from around the world. Please take the time to meet them, learn of their research and work, and assess the strength of our future. Tylman Research awardees are included as Poster Session presenters, so look out for them and their posters. Sponsors and exhibitors are an extremely important component of a successful AAFP meeting as well, and you are encouraged to take advantage of their presence and their great offers. We are having the pre-meeting workshops on Thursday to offer attendees additional learning opportunities and promise to offer comprehensive training in techniques that the practitioner can employ in the office on Monday.

This year we have a very special additional meeting in Ireland. This joint meeting with our Irish colleagues in April will give us a chance to interact and share treatment ideas and experiences, as well as visiting their beautiful country. I would like to extend my sincerest appreciation and thanks to them, as well as, the Executive Committee, Board of Directors, Committee Chairs and members, for their exceptional efforts in making this meeting a success. Serving with such a dedicated and motivated team is incredibly rewarding.

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 Dr. Douglas Phillips, as he will be filling his open positions over the next few months.

Lastly, enjoy the opportunities at our meeting to catch up with treasured colleagues and to form new friendships through the Academy. New members and guests, please introduce yourselves to our speakers and to members. Our meeting is structured to facilitate such socialization, and this remains a primary rationale for holding “in-person” sessions versus simply providing web-based CE. Let us all take advantage of this wonderful gathering of high quality and like-minded people! Enjoy Chicago and return to your practices with renewed enthusiasm for patient care.

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!

Sarit Kaplan DMD MS FACP

OFFICERS AND DIRECTORS 2023-2024  
STANDING COMMITTEES 2022-2024  
AMERICAN ACADEMY OF FIXED PROSTHODONTICS

PRESIDENT

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2206 Sussex Way, Woodstock, MD 21163  
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Email: cchoi1019@gmail.com

## CREDENTIALS COMMITTEE

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Maryam Mobarhan 2025 Secretary  
Joseph Breitman 2026  
Fei Liu 2026  
Gillian Alexander Hazboun 2025

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Darshanjit Pannu

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Tony Petrich 2024  
Jack Lipkin 2025  
Darshanjit Pannu 2025

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Ramtin Sadid-Zadeh AV Consultant 2026  
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Rui Li 2027

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Bin Yang 2024  
Patchanee Rungruanganunt 2024  
Jianguo Tan 2025  
Soraya Villarroel 2025  
Elisandra Reyes-Perez 2025  
David Burns 2028  
Damian Lee 2028

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Jim Dunne 2025  
Sangeetha Raghavendra 2024  
Doug Phillips 2025

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Myron Stein 2025  
Martin Land ad hoc  
Stephen Rosenstiel, Ex-Officio

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Gerry Santulli, Consultant

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Jack Marincel 2025  
Sangeetha Raghavendra, President-Elect, Ex Officio  
Douglas Phillips, Vice-President, Ex Officio  
Anthony Kritkauskys, Incoming Treasurer, Ex Officio

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Geoffrey Thompson 2025  
Ariel Raigrodski 2026  
Stephen Rosenstiel, Ex Officio

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Alejandro (Alex) Peregrina 2027  
Jennifer Kuracina 2027  
Steve Rosenstiel Ex Officio

## ETHICS COMMITTEE

Douglas Phillips, Chair  
Craig Neitzke 2026  
Anthony Kritkauskys 2025

## CLAUDE R. BAKER TEACHING AWARD IN FIXED PROSTHODONTICS

Judy Yuan 2025, Chair  
Ramtin Sadid-Zadeh 2026  
Hesham Nouh 2026  
Fatemeh Afshari 2025  
Geoffrey Thompson 2026

## INFORMATION TECHNOLOGY COMMITTEE

Seung (Chris) Kee Choi 2027, Chair  
Loana Tovar Suinaga 2025  
Sangeetha Raghavendra 2024

## GARVER-STAFFANOU PROSTHODONTIC RESIDENCY EDUCATOR AWARD

Gillian Alexander Hazboun 2026, Chair  
Aram Kim 2024  
Geoffrey Thompson 2024  
Julie Holloway 2025

## EXHIBITS COMMITTEE

Soni Prasad 2024, Chair  
Darshanjit Pannu 2024  
Judy Yuan 2027  
Jack Marincel, ad hoc

## RESEARCH IN FIXED PROSTHODONTICS

### Committee A

Paul de Kok, 2024, Chair  
Edward Chaoho Chien 2024  
Peixi Liao 2024

### Committee B

Dean Morton 2025 Chair  
Ramtin Sadid-Zadeh 2025  
Kamolphob (Aek) Phasuk  
2025

## INVESTMENT COMMITTEE

Sarit Kaplan 2024, Chair  
Duane Douglas  
Doug Phillips  
Robert Walter

## STANDING PRESIDENTIAL APPOINTMENTS 2022-2024

### PARLIAMENTARIAN

Phil Pierpont

### SECRETARY FOR GUESTS

Anthony Kritkauskys

### MEETING DIRECTOR

Damian Lee

### CHAPLAIN

Sarita Arteaga

### ACP PROSTHODONTIC FORUM REPRESENTATIVES

Sarit Kaplan  
Sangeetha Raghavendra, Alternate

## PREVIOUS 1ST PLACE WINNERS OF THE TYLMAN AWARD

1979: James N. Ciesco	2002: Periklis Proussaefs
1980: Boris Schwartzman	2003: Luis Keys
1981: Timothy O. Hart	2004: Vanesåsa Swain
1982: Not awarded	2005: Philip Tan
1983: David Alan Chance	2006: Kelly Coppins Wood
1984: Jeffrey L. Hudgins	2007: Heather J. Conrad
1985: George W. Kay	2008: Keith L. Guzaitis
1986: Anthony J. G. Dickinson	2009: Islam Khasawneh
1987: Izchak Bartzilay	2010: Daniel Domagala
1988: Susan E. Brackett	2011: Seok-Hwan Cho
1989: Not awarded	2012: Monica Parekh
1990: Shane N. White	2013: Matthew Anderson
1991: Not awarded	2014: Matilda Dhima
1992: Not awarded	2015: Aurora Dibner
1993: Louis Menegotto	2016: Diane Vo
1994: Syed Faheem Rasool	2017: William Wahle
1995: Fonda G. Robinson	2018: Michele Buda
1996: Paula K. Yliheikkila	2019: Ryan Mizumoto
1997: Kevin H. O'Boyle	2020: Nisha Patel
1998: David G. Gratton	2021: Not Awarded
1999: Douglas E. Ford	2022: Amir Hossein Nejat
2000: Reza Heshmati	2023: Brandon Yeager
2001: Salman A. Lakhani	

\*date listed is date awarded – award adjudicated in the preceding year

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

## PREVIOUS MOULTON AWARD RECIPIENTS

1992: George H. Moulton	2008: Don G. Garver
1993: Ernest B. Nuttall	2009: Steven Aquilino
Max Kornfeld	2010: Harold Litvak
1994: Robert J. Nelson	2011: Bill B. Lefler
1995: Everitt V. Payne	2012: Denny M. Smith
1996: Samuel E. Guyer	2013: Jesse T. Bullard
1997: Roland W. Dykema	2014: Stephen F. Rosenstiel
1998: Herbert T. Shillingburg, Jr.	2015: John R. Agar
2000: Lloyd L. Miller	2016: Carl Driscoll
2001: Ralph Yuodelis	2017: Martin F. Land
2002: Robert S. Staffanou	2018: J. Robert Kelly
2003: Maurice H. Martel	2019: Jane Brewer
2004: Ronald D. Woody	2020: William W. Nagy
2005: Charles J. Goodacre	2021: Not Awarded
2006: Kenneth Malament	2022: Jack Lipkin
2007: Stephen D. Campbell	2023: Not Awarded

## PREVIOUS BAKER AWARD RECIPIENTS

2003: Alvin Wee	2014: Alexander Bendayan
2004: Ariel Raigrodski	2015: Matthew Palermo
2005: Nyung G. Chang	2016: Fatemeh Afshari
2006: Patchnee	2017: Aaron Cho
Rungruanunt	2018: Natalie Buu Hastings
2007: Shigemi Ishikawa-Nagai	2019: Hesham Nouh
2009: Nadim Z. Baba	2020: Not awarded
2010: Mijin Choi	2021: Ramtin Sadid-Zadeh
2011: Lillian M. Mitchell	2022: Not Awarded
2012: Judy C-C Yuan	2023: Jonathan Esquivel
2013: Not Awarded	

## PREVIOUS GARVER-STAFFANOU PROSTHODONTIC RESIDENCY EDUCATOR AWARD RECIPIENTS

2010: Gerald Ziebert	2017: Steven Aquilino
2011: Carl Jerry Andres	2018: Julie Holloway
2012: John R. Agar	2019: Not awarded
2013: William Nagy	2020: Geoffrey Thompson
2014: Carl Driscoll	2021: Matthew Kattadiyil
2015: Wayne Campagni	2022: Not Awarded
2016: Hiroshi Hirayama	2023: Kent Knoernschild

## PREVIOUS HONORARY MEMBERS

1956: Oscar P. Snyder	1976: Ralph Phillips
1958: Arthur O. Klaffenbach	1976: Robert J. Nelsen
1958: Ralph W. Malone	2012: Charles Gibbs
1959: George M. Hollenback	2019: Allen Steinbock
1961: Floyd A. Peyton	

# MEMBERS ANNUAL BUSINESS MEETING AND WELCOME RECEPTION

WITH SLIDERS AND DRINKS



THURSDAY, FEBRUARY 22, 2024

4:30 – 5:00 PM

EARLY REGISTRATION FOR MEMBERS

5th Floor, Chicago Foyer

5:00 – 6:15 PM

MEMBERS ANNUAL BUSINESS

MEETING WITH PIZZA AND CASH BAR

5th Floor, Chicago Ballroom E

Attendance at these events is restricted to Academy Members.

## PAST PRESIDENTS' AND NEW MEMBERS' BREAKFAST



Saturday, February 24, 2024

7:00 AM,

LINCOLNSHIRE ROOM

(6th Floor)

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



## 2024 PROGRAM CO-CHAIRS



Dr. Lauren Bolding & Dr. Anton Petrich

## 2023 PROGRAM CO-CHAIRS



Dr. Sarit Kaplan & Dr. Ariel Raigrodski

## 2025 PROGRAM CO-CHAIRS



Dr. Jack Lipkin & Dr. Darshanjit Pannu

## EXHIBITOR DIRECTORY

Dr. Soni Prasad, Chair Exhibits Committee  
All breakfasts and coffee breaks are  
located in the Exhibit Hall, Salon III, 7th Floor

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The American Academy of Fixed Prosthodontics  
73<sup>rd</sup> Annual Scientific Session  
Friday, February 23, 2024  
The Chicago Marriott Hotel Downtown  
5:15 – 7:00 p.m. Chicago Ballroom, 5th Floor

1. Tylman Award First Place Winner:  
Comparing wear of printed polymer resin and milled polymer infused ceramic network  
Presenter: Dr. Christian Loo  
Mentor: Dr. Damian Lee  
The Ohio State University College of Dentistry  
christian.loo.007@gmail.com
2. Tylman Award Second Place winner:  
Color stability of CAD-CAM hybrid ceramic materials  
Presenter: Toshiki Nagai  
Mentor: Dr. Wei-Shao Lin  
Indiana University  
toshi.105514@gmail.com
3. Evaluation of color stability of stained monolithic zirconia in modern dentistry  
Presenter: Dr. Doan-Trang Kha  
Mentor: Dr. Stacy Yu  
Naval Postgraduate Dental School  
nataliekha3213@gmail.com
4. Contemporary fixed implant-assisted management of edentulous arches  
Presenter: Dr. Ting Wang  
Mentor: Dr. Wei-Shao Lin  
Indiana University  
twa5@iu.edu
5. 3-D facial scanning for diagnosis of ideal smile designs and occlusion  
Presenter: Dr. Sejal Jain  
Mentor: Dr. Dean Vafiadis  
NOVA Southeastern University  
sj1594@mynsu.nova.edu
6. Management of non-prosthetically driven implant placement for full-arch implant reconstruction. A clinical report  
Presenter: Dr. Vicente Vera  
Mentor: Dr. Konstantinos Vazouras  
Tufts University  
vicente.vera\_rodriguez@tufts.edu
7. Available techniques and accuracy of digital impressions for complete-arch implant-supported prosthesis  
Presenter: Dr. Panisa Homyai and Priscila Ceolin Meneghetti  
Mentor: Dr. Ramtin Sadid -Zadeh  
University of Alabama at Birmingham  
phomyai@uab.edu and pceolinm@uab.edu

8. High-temperature sintering cycle on the strength and translucency of multi-translucent zirconia  
Presenter: Dr. Thunyamon Wongsuwannakorn  
Mentor: Dr. Hyeongil Kim  
University at Buffalo School of Dental Medicine  
thunyamo@buffalo.edu
9. Implant abutment screw fracture; review of screw retrieval techniques  
Presenter: Dr. Ruhaniyot Kaur Cheema and linh Tran  
Mentor: Dr. Ramtin Sadid -Zadeh  
University of Alabama at Birmingham  
rkcheema@uab.edu and lmtran@uab.edu
10. Full-mouth rehabilitation: treatment planning considerations amidst esthetic, biological and mechanical implant complications  
Presenter: Dr. Alena Poe  
Mentor: Dr. Bin Yang  
University of Illinois at Chicago  
alenapoedds@gmail.com
11. Digital mounting jigs: a novel technique  
Presenter: Dr. Maria Aglaia Soundia  
Mentor: Dr. Mohammed Akl  
University of Minnesota  
sound021@umn.edu
12. Fracture strength of 3D printed Interim fixed partial dentures, varying connector sizes  
Presenter: Dr. Katie Melich  
Mentor: Dr. Elias Kontogorgios  
Texas A&M University College Of Dentistry  
drkatiemelich@tamu.edu
13. Evaluating mechanical properties of novel 3D-printed polymer based restorative materials  
Presenter: Dr. Abdalla Alkandari  
Mentor: Dr. Russell Giordano  
Boston University Henry M. Goldman School of Dental Medicine  
abdalla3@bu.edu
14. A novel approach to fabricate a wear resistant implant-supported prosthesis  
Presenter: Dr. Katherine Malyszek  
Mentor: Dr. Ramtin Sadid-Zadeh  
University of Alabama at Birmingham  
mariateresa-rosasdiaz@uiowa.edu
15. Strategic intentional tooth retention for full arch digitally-guided implant placement  
Presenter: Dr. Salma Elsaadany  
Mentor: Dr. Berna Saglik  
University of Michigan  
salmaels@umich.edu

16. Digital mastery for precision full mouth rehabilitation of massive torus mandibularis patient  
Presenter: Dr. Hiba Shareef  
Mentor: Dr. Tarek K El Kerdani  
University of Iowa  
hiba-shareef@uiowa.edu
17. Accuracy of occlusal devices fabricated using digital versus analog workflow: a review of clinical studies  
Presenter: Dr. Pranjal Daundkar  
Mentor: Dr. Chin- Chuan Fu  
University of Alabama at Birmingham  
daundkar.pranjal@gmail.com
18. New updates in connections for full arch fixed prosthesis: an overview of novel concepts in screw design  
Presenter: Dr. Ambreen Yusaf  
Mentor: Dr. Berna Saglik  
University of Michigan  
ambreenny@umich.edu
19. Impact of high-speed sintering on the mechanical and optical properties of multi-layered zirconia  
Presenter: Dr. Omar Mohamed  
Mentor: Dr. Rui Li  
University at Buffalo School of Dental Medicine  
ommohame@buffalo.edu
20. In-vitro biological effect on mechanical properties of zirconia implant materials  
Presenter: Dr. Akshar Bajaj  
Mentor: Dr. Russell Giordano  
Boston University Henry M. Goldman School of Dental Medicine  
anbajaj@bu.edu
21. Implant supported denture treatment in combination with orthodontic treatment - case report  
Presenter: Dr. Seoyoun Hahn  
Mentor: Dr. Van Ramos  
University of Washington  
syhahn5@uw.edu
22. Shade outcome of 3Y, 4Y, 5Y monolithic zirconia over anodized titanium of varying voltages  
Presenter: Dr. Katie Senkiw  
Mentor: Dr. Jennifer V Sabol  
U.S. Army Advanced Education Program in Prosthodontics  
katie.m.senkiw.mil@health.mil
23. Color stability of CAD-CAM fabricated resin teeth-an in vitro study  
Presenter: Dr. Ali Sameer Alsharif  
Mentor: Dr. Ramtin Sadid-Zadeh  
University at Buffalo School of Dental Medicine  
Alialsha@buffalo.edu

24. Immobile implant abutment screw: is this the end?  
Presenter: Dr. Ryan Seehafer  
Mentor: Dr. Stacy Yu  
Naval Postgraduate Dental School  
ryanwseehafer@gmail.com
25. Technique for CAD-CAM indirect provisional fixed partial denture fabrication: a case report  
Presenter: Dr. Il Won Chang  
Mentor: Dr. Konstantinos Vazouras  
Tufts University  
il.chang@tufts.edu
26. Work around strategies for artifacts in the CBCT in digital work flow  
Presenter: Dr. Ghislain Cohen  
Mentor: Dr. Damian Lee  
The Ohio State University College of Dentistry  
cohen.1293@osu.edu
27. A literature review for maintenance of full-arch fixed-implant restorations: a suggested protocol  
Presenter: Dr. Himanshi Aggarwal and Dr. Surabhi Chhabra  
Mentor: Dr. Ramtin Sadid-Zadeh  
University of Alabama at Birmingham  
drhimanshi84@gmail.com and chhabra@uab.edu
28. Prosthodontic management of amelogenesis imperfecta utilizing a digital workflow: a case report  
Presenter: Dr. Nadima Khodor  
Mentor: Dr. David Donatelli  
University of Louisville, School of Dentistry  
nokhodo2@louisville.edu
29. Case report: the use of a snap coping multi-unit to replace damaged lab implant analog of an implant working cast  
Presenter: Dr. Catherine Arreaza  
Mentor: Dr. Damian Lee  
The Ohio State University College of Dentistry  
arreazahernandez.1@osu.edu
30. Fibula free-flap rehabilitation with hybrid implant supported fixed dental prosthesis: clinical report  
Presenter: Dr. Ana Schettini  
Mentor: Dr. Igor Pesun  
University of Manitoba  
anaceciliats@gmail.com
31. Enhancing implant-crown esthetics by converting a natural tooth to interim implant-retained restoration  
Presenter: Dr. Dimitra Vasilaki  
Mentor: Dr. Thomas Taylor  
University of Connecticut School of Dental Medicine  
vasilaki\_dent@yahoo.com

32. Fully digital workflow to temporize and align intra-oral scans of prepared teeth and provisional restorations  
Presenter: Dr. Nicholas Ehmann  
Mentor: Dr. Tarek El-Kerdani  
University of Iowa  
nicholas-ehmann@uiowa.edu
33. Full arch implant rehabilitation in a patient with florid cemento-osseous dysplasia  
Presenter: Dr. MinTae Kim  
Mentor: Dr. Sandra Al-Tarawneh  
University of Illinois at Chicago  
mtkim108@gmail.com
34. Digital approach to maxillary implant supported fixed complete dentures  
Presenter: Dr. Samuel Andrews  
Mentor: Dr. Dima Ghunaim  
University of Illinois at Chicago  
sandre24@uic.edu
35. Complete oral rehabilitation combining fixed hybrid prostheses and natural dentition  
Presenter: Dr. Dagmarie Rodriguez-Maldonado  
Mentor: Dr. Jason D. Lee  
Harvard School of Dental Medicine  
drodriguezmaltonado@hsdm.harvard.edu
36. Effects of sterilization and disinfection methods on 3D-printed dental prosthetic material  
Presenter: Dr. Kyung Chul Oh  
Mentor: Dr. Hong Seok Moon  
Yonsei University College of Dentistry  
kyungabc@yuhs.ac
37. Multidisciplinary full-mouth rehabilitation incorporating a complete digital workflow: a clinical report  
Presenter: Dr. Sadaf Gavahi Kashani  
Mentor: Dr. Chris Wyatt  
University of British Columbia  
sadaf.gavahi@gmail.com
38. Maintenance of tooth-borne restorations; literature review and suggested protocol for UAB prosthodontics  
Presenter: Dr. Alia Khazaal and Dr. Daniel Diaz  
Mentor: Dr. Ramtin Sadid-Zadeh  
University of Alabama at Birmingham  
ak.khazaal@hotmail.com and ddiazsam@uab.edu
39. Prosthodontic rehabilitation of a patient with treacher collins syndrome: a case report  
Presenter: Dr. Yu Jen Chen  
Mentor: Dr. Berna Saglik  
University of Michigan  
yujenc@umich.edu

40. Positioning guide for provisionalization in the esthetic zone  
Presenter: Dr. Filipe Parente  
Mentor: Dr. Damian Lee  
The Ohio State University College of Dentistry  
parente.19@buckeyemail.osu.edu
41. A technique for jaw relations and teeth setup “the screw-in once” concept utilizing magnetic connections  
Presenter: Dr. Omar HMS Moustafa  
Mentor: Dr. Damian Lee  
The Ohio State University College of Dentistry  
moustafa.12@buckeyemail.osu.edu
42. Botulinum toxin therapy in the management of bruxism  
Presenter: Dr. Muskan Gupta  
Mentor: Dr. Damian Lee  
The Ohio State University College of Dentistry  
gupta.337@osu.edu
43. A simplified technique for fabricating a fully-guided sleeveless surgical guide  
Presenter: Dr. Kendall Latshaw  
Mentor: Dr. Damian Lee  
The Ohio State University College of Dentistry  
latshaw.17@osu.edu
44. Digital workflow for the fabrication of a tooth-supported stackable guide for bone reduction and implant placement with an added interlocking mechanism  
Presenter: Dr. Hassan Alamri  
Mentor: Dr. Damian Lee  
The Ohio State University College of Dentistry  
alamri.34@osu.edu
45. Scan body-supported surgical utilizing existing implants for accurate implant placements  
Presenter: Dr. Sung Ryul Kim  
Mentor: Dr. Hyunok Cindy Jo  
Columbia University  
sk4947@cumc.columbia.edu
46. Prosthetically driven implant placement and prosthodontic treatment using dynamic navigation  
Presenter: Dr. Mamdouh Kachlan  
Mentor: Dr. Radi Masri  
University of Maryland  
mkachlan@umaryland.edu
47. Utilizing a printed assessment tool to assess the convergence angle of a crown preparation  
Presenter: Dr. Natasha Gandarilla  
Mentor: Dr. Jennifer V. Sabol  
U.S. Army Advanced Education Program in Prosthodontics  
dmdgandarilla@gmail.com



48. Fabricating direct cast post patterns utilizing 3D-printed custom cores and seating guide  
Presenter: Dr. Nicole Newberry  
Mentor: Dr. Radi Masri  
University of Maryland  
nnewberry@umaryland.edu
49. Effects of anodization and instrumentation on titanium abutment surface characteristics and biofilm formation  
Presenter: Dr. Weiqing Liu  
Mentor: Dr. Wei-Shao Lin  
Indiana University  
weiqliu@iu.edu
50. From implant explantation to aesthetic rehabilitation: a multidisciplinary clinical report  
Presenter: Dr. Maria Mora  
Mentor: Dr. Chin-Chuan Fu  
University of Alabama at Birmingham  
mariyomora@gmail.com
51. Achieving optimum esthetics: Monolithic restorations colored with liquid ceramics  
Presenter: Dr. Amr Abouzeid  
Mentor: Dr. Van Ramos  
University of Washington  
Amr\_abozaid@yahoo.com
52. Full-arch implant restoration using digital scan gauges workflow: case series report  
Presenter: Dr. Abhina Gautam  
Mentor: Dr. Sherif Hosney  
University of Florida  
abhinnagautam89@gmail.com
53. Use of mini implants for temporary anchorage to aid in maxillofacial rehabilitation of a gunshot injury patient  
Presenter: Dr. Paul Sim  
Mentor: Dr. Avinash S. Bidra  
University of Connecticut School of Dental Medicine  
sim@uchc.edu
54. Fully-guided digital approach to full-arch implant supported rehabilitations of the mandibular arch  
Presenter: Dr. Abdul Andejani  
Mentor: Dr. Sandra Al-Tarawneh  
University of Illinois at Chicago  
abdulandejani@gmail.com
55. Digitally fabricated transfer guide preserves occlusal relationship of full arch implant provisionals  
Presenter: Dr. Vinay K Madavan  
Mentor: Dr. Radi Masri  
University of Maryland  
vmadavan@umaryland.edu

56. Unlocking dental implant success: an in-depth exploration of anabolic osteoporosis drugs  
Presenter: Dr. Fatma Mohamed  
Mentor: Dr. Fei Liu  
University of Michigan  
fmohamed@umich.edu
57. Canine substitution: a joint orthodontic-prosthodontic approach  
Presenter: Dr. Annie Hughes  
Mentor: Dr. Michael O'Sullivan  
Dublin Dental University Hospital, Trinity College Dublin  
ahughes5@tcd.ie
58. CAD-CAM transfer jig for fabrication of an immediate provisional fixed dental prosthesis  
Presenter: Dr. Joe Molisani  
Mentor: Dr. Ramtin Sadid-Zadeh  
University of Alabama at Birmingham  
molisani@uab.edu
59. Utilizing a dental implant as absolute anchorage - a bracket free solution  
Presenter: Dr. Justin Roy Montenegro  
Mentor: Dr. Stacy Yu  
Naval Postgraduate Dental School  
justin.montenegro62@gmail.com
60. Complications and redesign considerations for montreal bar-supported implant fixed complete dental prostheses  
Presenter: Dr. Tisama Siyootagrai  
Mentor: Dr. Chao Chieh Yang  
Indiana University  
tsiyoot@iu.edu
61. Water flow effect on bond strength of zirconia crowns to tooth structure  
Presenter: Dr. Jude Itani  
Mentor: Dr. Grace De Souza  
University of Louisville, School of Dentistry  
jude.itani@louisville.edu
62. Complete digital workflow in double arch implant rehabilitation: a novel approach  
Presenter: Dr. Omar Alhinti  
Mentor: Dr. Konstantinos Vazouras  
Tufts University  
Omar.Alhinti@tufts.edu
63. Using digital planning and feldspathic porcelain veneers for predictable esthetic treatment outcome  
Presenter: Dr. Theodore Kao  
Mentor: Dr. Ting-ling Chang  
University of California, Los Angeles  
theodorekao2560@g.ucla.edu

64. Implant reconstruction of fibula free flap following MRONJ related mandibular resection  
Presenter: Dr. Angela Schmidt  
Mentor: Dr. Dima Ghunaim  
University of Illinois at Chicago  
aschmi47@uic.edu
65. Emergence profile reproduction by artificial intelligence tooth segmentation and CAD software  
Presenter: Dr. Yuli Gonzalez  
Mentor: Dr. Cho Aaron  
University of Iowa  
ygonzalezmoret@uiowa.edu
66. Rehabilitation of maxillary worn out dentition by combining conventional and digital methods  
Presenter: Dr. Tarik Pravinkumar Patel and Dr. Hoffer Marshall  
Mentor: Dr. Igor Pesun  
University of Manitoba  
drtarikpatel@gmail.com
67. Utilizing reverse scan bodies for immediate provisionalization of full arch prosthesis  
Presenter: Dr. Eunice Lee  
Mentor: Dr. Stacy Yu  
Naval Postgraduate Dental School  
eslee.dmd@gmail.com
68. Minimally invasive subcrestal prosthetic approach for a patient with maxillary hypoplasia  
Presenter: Dr. Rameen Vafa  
Mentor: Dr. Avinash S. Bidra  
University of Connecticut School of Dental Medicine  
vafa@uchc.edu

THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS  
SEVENTY-THIRD ANNUAL SCIENTIFIC SESSION  
FRIDAY, FEBRUARY 23, 2024

COMPREHENSIVE MANAGEMENT OF PROSTHODONTI CHALLENGES

- 7:00 a.m. Registration, 7th Floor Foyer  
Continental Breakfast in Exhibit Hall, Salon III
- 8:00 a.m. WELCOME: Dr. Sarit Kaplan, President  
Introductory Remarks Drs. Lauren Bolding &  
Anton Petrich, Program Chairs
- 8:15 a.m. Dr. Nicholas Egbert  
Optimizing Efficiency, Productivity and Outcomes in  
Implant Dentistry
- 9:00 a.m. Dr. Stephen Chu  
Immediate Tooth Replacement in the Esthetic Zone:  
Risks, Complications, and Solutions
- 9:45 a.m. REFRESHMENT BREAK  
IN THE 7th FLOOR EXHIBIT HALL  
All members, guests and students invited
- 10:30 a.m. Dr. German Gallucci  
Fixed Full-Arch Rehabilitations in Partially Edentulous  
Patients
- 11:15 a.m. Dr. Mark Ludlow  
Why Digital, Why Now? Innovations and Challenges in  
Digital Dentistry
- 12:00 p.m. ANNUAL LUNCHEON FOR MEMBERS, GUESTS, AND  
STUDENTS | 5th Floor Chicago Ballroom
- 2:00 p.m. Dr. Bradley Purcell  
High Quality and High Volume Prosthodontics - Can  
they Coexist?
- 2:45 p.m. Drs. Michael Andersen & Daniel Hammer  
Redefining Patient Expectations for Immediate and  
Delayed Free Flap Dental Restoration
- 3:30 p.m. BREAK IN THE 7th FLOOR EXHIBIT HALL  
All members, guests and students invited
- 4:15 p.m. Dr. Frank Tuminelli  
Our Evolution in Full Arch Implant Anchored  
Restorations... what have we learned as we enter the  
digital world?
- 5:00 – ANNUAL MEMBER & GUEST COCKTAIL RECEPTION &  
7:00 p.m. ANNUAL POSTER SESSION  
Chicago Ballroom, 5th Floor  
All members, guests and students invited

THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS  
SEVENTY-THIRD ANNUAL SCIENTIFIC SESSION  
SATURDAY, FEBRUARY 23, 2024

PREDICTABLE OUTCOMES IN PROSTHODONTIC TREATMENT

- 7:00 a.m. Registration, 7th Floor Foyer  
Continental Breakfast in Exhibit Hall, Salon III
- 8:00 a.m. Dr. Terry Donovan  
Lessons Learned Over 60 Years in the Dental Profession
- 8:45 a.m. Dr. Sonia Leziy  
Analog Skills and Digital Technology in  
Implant Surgery: How They Impact Your  
Treatment Outcomes
- 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. Patchanee Rungruanganunt, Poster Committee Chair
- 10:30 a.m. Dr. Radi Masri  
Microbiology of Peri-implantitis: What is Inside the  
Implant?
- 11:15 a.m. Dr. Lino Calvani  
“The Facial Support” In-depth System Analysis,  
Biomechanical Assessment and Research
- 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)
- 1:30 p.m. Dr. Mariam Malament  
Incidence of Endodontic Therapy in Prosthodontics
- 2:15 p.m. Mr. Arian Deutsch  
Fixed/Removable Telescopic  
Solutions - Evading Shipwreck
- 3:10 p.m. Dr. Karen Baker  
Drug-Related Problems in Fixed Prosthodontics
- 4:00 p.m. CLOSING REMARKS  
Dr. Sarit Kaplan, President  
Dr. Lauren Bolding, Program Co-Chair  
Dr. Anton Petrich, Program Co-Chair

For more Information about the Academy visit the AAFP Website:  
[www.fixedprosthodontics.org](http://www.fixedprosthodontics.org)



## DR. NICHOLAS EGBERT

Optimizing Efficiency, Productivity and Outcomes in Implant Dentistry

Friday, February 23, 2024 | 8:15 a.m.

### Synopsis:

Achieving anterior implant esthetics is challenging and demanding. To create implant restorations with harmonious gingival contour that emulate nature is a fusion of science and art. Understanding biologic and physiologic limitations of soft and hard tissue will facilitate predictability in simple to complex esthetic situations. This presentation will focus on anterior immediate implant tooth replacement philosophies and methodologies. Emphasis will be placed on diagnosis and treatment planning, surgical, prosthetic and complications management of soft and hard tissue for anterior implant esthetics.

### Learning Objectives:

- Understand optimal treatment planning, presentation, coding and billing.
- Properly diagnose hard and soft tissues and suitable patients for accelerated esthetic zone therapy.
- Properly diagnose hard and soft tissues and suitable patients for immediate esthetic zone therapy.
- Understand proper atraumatic extraction techniques.
- Understand and demonstrate proper implant osteotomy, placement, grafting and custom healing abutment and immediate screw-retained provisional techniques.
- Understand optimal impression techniques and restorative steps.
- Understand optimal maintenance procedures.

### Curriculum Vitae:

Dr. Nicholas Luke Egbert received his Bachelors of Science in Medical Biology at the University of Utah in 2004 and his Doctor of Dental Surgery at Creighton University in Omaha, Nebraska in 2008. He then completed a full time three-year residency in Advanced Surgical Prosthodontics at the University of Tennessee Health Science Center in 2011. He earned his Masters of Dental Science verifying the accuracy of CT generated implant guides and evaluating the efficacy of various bone grafting materials. Dr. Egbert is currently one of four board certified Prosthodontists in the state of Utah and one of three Prosthodontists to have completed a surgically based prosthodontic residency program. Dr. Egbert is a Key Opinion Leader for Southern Implants. Through clinical studies, he aids engineers in the research and design of dental implants. He maintains a private practice limited to surgical prosthodontics in Salt Lake City Utah and has attending faculty positions at both the University of Utah Hospital GPR and Roseman Dental School AEGD. He enjoys teaching the residents implant surgery, bone grafting and restorative techniques. His emphasis and passion in specialty dentistry includes: IV sedation, CT image-guided dental implant treatment planning and surgery, complex and aesthetic dental implant reconstruction, laser and L-PRF therapies. He provides monthly continuing education courses teaching other dentists about bone grafting, implant surgery and restoration. He lectures regularly to dental schools, residency programs and study groups on various dental implant topics. When not at work, Dr. Egbert enjoys spending time with his 3 children in the mountains skiing, biking, boating and fly fishing.



## DR. STEPHEN CHU

Immediate Tooth Replacement in the  
Esthetic Zone: Risks, Complications,  
and Solutions

Friday, February 23, 2024 | 9:00 a.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 extraction socket implant placement in relationship to survival and esthetic outcomes. Immediate provisional restoration of immediate implants placed into anterior sites will be presented.

This lecture will address current concepts in the treatment of Type 1 (intact sockets), 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.

In addition, esthetic risks and complications exist such as socket perforation, loss of labial plate thickness over time, and loss of the interdental papilla due to proximity issues with tooth-to-implant distance following placement. Consequently, an inventive macro hybrid design concept based upon biologic principles that combines strategies in implant diameter, shape, and thread pattern has been designed and developed to address these problems. This concept will be supported by pre-clinical [animal histology] and clinical [human] studies that scientifically supports, validates, and reinforces the biologic principles in design that ultimately enhances esthetic outcomes in modern day implantology.

### Learning Objectives:

- Understand what implant complications and risks exist in the esthetic zone.
- Understand the biologic principles behind circumferential bone volume for long term maintenance to prevent ridge collapse, recession, and papillae loss
- Prosthodontic innovations in provisional restoration fabrication.

### Curriculum Vitae:

Stephen J. Chu is a Former Adjunct Clinical Professor at New York University College of Dentistry in the departments of periodontology, implant dentistry, and prosthodontics having served for 26 years. He presently maintains a private practice in fixed prosthodontics, esthetic, and implant dentistry in New York City. Dr. Chu has contributed over 100 publications including 7 textbooks in the dental literature and has given lectures nationally and internationally on the subjects of esthetic, restorative, and implant dentistry. Dr. Chu serves as the Associate Editor of the Journal of Esthetic and Restorative Dentistry.



## DR. GERMAN GALLUCCI

Fixed Full-Arch Rehabilitations  
in Partially Edentulous Patients

Friday, February 23, 2024 | 10:30 a.m.

### Synopsis:

Oral rehabilitations concepts with fixed prosthesis in partially edentulous patients have significantly evolved in the last decade. This evolution was mainly driven by current therapies with dental implants on one hand, and the fast adoption of adhesive techniques on the other. In addition, the digital revolution plays a major role as diagnostic and therapeutic tool to treat partial edentulism with fixed rehabilitations. Furthermore, this lecture will address the different strategies for long-term success and strategies for treatment sequencing according to their corresponding prosthetic designs. One important factor in the treatment of this cohort of patients is the criteria used for maintaining or extracting teeth and the timing of planning a comprehensive oral rehabilitation vs. conforming treatment. This lecture intends to present in a systematic way clinical, scientific, and oral rehabilitation related information leading to translational clinical recommendations in the treatment of partially edentulous patients with fixed prosthesis.

### Learning Objectives:

- Familiarize with current concepts in full arch rehabilitations for fixed prosthesis.
- Assess associated strategies for treatment planning and sequencing.
- Widen treatment options using a selective approach.

### Curriculum Vitae:

Dr. Gallucci is the Chair of the department of Restorative Dentistry and Biomaterials Sciences at Harvard School of Dental Medicine. He obtained his Doctorate in Dental Medicine at the department of Prosthodontics, School of Dental Medicine at the University of Geneva, Switzerland. Dr. Gallucci actively participates in clinical research related to implant-prosthodontics and Digital Dentistry. His work has been published in International peer-reviewed journals and is member of the editorial board for several scientific dental journals. Dr. Gallucci participates as an invited lecturer in international and national conferences and congresses. He is a fellow of the Academy of Prosthodontics, International Team for Implantology (ITI), Switzerland, and an active member of the Academy of Osseointegration (AO) - USA, European Academy of Osseointegration (EAO), Greater New York Academy of Prosthodontics, (GNYAP) and International Academy of Dental Research (IADR).





## DR. MARK LUDLOW

Why Digital, Why Now? Innovations and Challenges in Digital Dentistry.

Friday, February 23, 2024 | 11:15 a.m.

### Synopsis:

As digital technology becomes more pervasive in everyday practice, there is an increased demand to apply it in ever more expanding clinical situations. This presentation will explore the full application of digital technology from initial diagnostics to the final restoration and explore their relative ease or difficulty of use in each area.

### Learning Objectives:

- Digital treatment protocols in contrast to traditional workflows
- Understand digital technologies that enhance treatment outcomes and increase profitability.
- How to predictably implement and execute digital implant treatment plans in everyday clinical practice.

### Curriculum Vitae:

Dr. Mark Ludlow is the Section Head of Implant Dentistry, Digital Dentistry, and Removable Prosthodontics at the University of Utah School of Dentistry. He completed his DMD dental training at the University of Connecticut and received his MS in prosthodontics from the University of North Carolina. As a practicing and teaching prosthodontist, Dr. Ludlow's passion is in the development and integration of digital technology in the practice of everyday implant and restorative dentistry.



ANNUAL  
ACADEMY  
LUNCHEON  
CHICAGO BALLROOM  
5th Floor

Friday, February 23, 2024 12:00 p.m.

2024 STANLEY D. TYLMAN RESEARCH AWARDS\*  
DR. HONGSEOK AN, CHAIR, TYLMAN RESEARCH COMMITTEE

FIRST PLACE AWARD

**DR. CHRISTIAN LOO**

THE OHIO STATE UNIVERSITY COLLEGE OF DENTISTRY

RESEARCH ADVISOR: DR. SCOTT SCHRICKER

PROGRAM DIRECTOR: DAMIAN LEE

SECOND PLACE AWARD

**DR. TOSHIKI NAGAI**

INDIANA UNIVERSITY SCHOOL OF DENTISTRY

RESEARCH ADVISOR AND PROGRAM DIRECTOR: DR. WEI-SHAO LIN

CLAUDE R. BAKER FACULTY AWARD

DR. JUDY YUAN, CHAIR BAKER AWARD COMMITTEE

**DR. FOTEINI TOULOUMI**

2024 RECIPIENT

GARVER-STAFFANOU PROSTHODONTIC PROGRAM

PROGRAM DIRECTOR'S AWARD FOR EXCELLENCE

DR. GILLIAN ALEXANDER HAZBOUN, CHAIR,

GARVER-STAFFANOU AWARD COMMITTEE

**DR. RADI MASRI**

2024 RECIPIENT

GEORGE H. MOULTON AWARD OUTSTANDING ACHIEVEMENT

IN THE ART AND SCIENCE OF FIXED PROSTHODONTICS

DR. BRYAN MCLOUGHLIN, CHAIR, GEORGE H. MOULTON AWARD COMMITTEE

**DR. THOMAS TAYLOR**

2024 RECIPIENT

PRESENTATION OF NEW AAFP MEMBERS

DR. VIENSUONG NGUYEN, 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. BRADLEY PURCELL

High Quality and High Volume  
Prosthodontics - Can they Coexist?

Friday, February 23, 2024 | 2:00 p.m.

### Synopsis:

Treating complex dental patients at a consistently high level is a challenging yet rewarding experience. As restorative dentists and prosthodontists, we are immersed in philosophy, technique and literature but very little is discussed on how to create and maintain a successful private practice. Over the past 15 years we have discovered and developed systems at every level of care in efforts to maintain the highest level of treatment quality and efficiency. This lecture will discuss and share the most important systems we have integrated and use on a daily basis in our practice.

### Learning Objectives:

- Procedures that are critical as a foundation for creating systems.
- How systems are created in private practice.
- Guidelines for system development

### Curriculum Vitae:

Dr. Bradley Purcell is a highly accomplished Prosthodontist who earned his dental degree from Marquette University and his Prosthodontic certificate and Masters of Science degree from The Ohio State University School of Dentistry. He is a member of three academic honor societies and maintains a private practice in Prosthodontics at Spectrum Dental & Prosthodontics. He is also an accomplished author and editor, and has published articles in peer-reviewed journals in the area of dental implants. Additionally, he has taught over 4000 continuing education hours to private practicing dentists and founded Spectrum Dental Society, a continuing education study club for local dentists.



## DRs. MICHAEL ANDERSEN & DANIEL HAMMER

Redefining Patient Expectations for  
Immediate and Delayed Free Flap  
Dental Restoration

Friday, February 23, 2024 | 2:45 p.m.

### Synopsis:

Patients who require maxillofacial reconstruction necessitate a multidisciplinary team approach to enhance quality of life outcomes. Dental rehabilitation for these patients can be coordinated with the primary reconstructive surgery or after a period of initial healing. Expectations for immediate and delayed dental rehabilitation for patients with free flaps varies wildly from outright cynicism to absolute confidence. Even with successful surgical techniques and sound prosthodontic procedures, managing patient expectations and patient specific requirements remains challenging. This presentation will highlight the application of several digital technologies to optimize pre-surgical planning and dental rehabilitation pathways for patients who undergo immediate and delayed dental rehabilitation with free flaps. The objective of this lecture is to enhance awareness to surgical and prosthodontic teams about current clinical capabilities, innovations, and patient outcomes to improve access to care for patients who undergo immediate or delayed dental rehabilitation after maxillofacial reconstruction.

### Learning Objectives:

- To understand the importance of a multidisciplinary team approach and continuity of care for the treatment of patients with maxillofacial benign and malignant diseases or trauma.
- To enhance understanding of clinical expectations for surgical and prosthodontic teams who treat patients with immediate and delayed free flap dental restorations.
- To understand challenges related to dental rehabilitation for patients with immediate and delayed free flaps.
- To provide valuable clinical guidelines and techniques to enhance access to care for patients in need of maxillofacial reconstructive surgery.

### Curriculum Vitae:

Dr. Andersen is a board-certified Prosthodontist with certificate in Oral Oncology and Maxillofacial Prosthodontics. He graduated from dental school at the University of Texas Health Science Center San Antonio. He completed residency in Prosthodontics at the Naval Postgraduate Dental School where upon graduation he was awarded the Chief of the Dental Corps Award for Excellence as the top graduate across all residency programs for clinical and academic performance. After a follow-on tour at Naval Health Clinic Pearl Harbor, HI, he completed his fellowship at MD Anderson Cancer Center. Currently, he is the BUMED Specialty Leader for Dental Laboratory Services, Department Head of the Area Dental Laboratory, and staff Maxillofacial Prosthodontist at Naval Medical Center San Diego. He and his wife, Kat, enjoy living in San Diego with their three wonderful children, Taylor, Addie, and Robert.

Dr. Hammer is a Navy board-certified Oral and Maxillofacial Surgeon with a certificate of added qualification in Head and Neck Oncology and Reconstructive Surgery. After completing his dental education at the University of the Pacific, he completed his residency at Walter Reed National Military Medical Center. Most recently, he completed his fellowship at John Peter Smith Hospital in Fort Worth, Texas. He is currently the Director of the Division of Oral, Head and Neck Oncology and Reconstructive Surgery at Naval Medical Center San Diego and faculty at their residency program in Oral and Maxillofacial Surgery. In addition, he is an Associate Professor of Surgery at the Uniformed Services University School of Medicine. He loves living in San Diego with his wife, Chrissy, and his two daughters, Mackenzie and Ryleigh.



## DR. FRANK J. TUMINELLI

Our Evolution in Full Arch Implant  
Anchored Restorations... what have we  
learned as we enter the digital world?

Friday, February 23, 2024 | 4:15 p.m.

### Synopsis:

In the management of the edentulous patient the dental team considers numerous factors: surgical options, skeletal fixation sites, implant systems, implant number, immediate function, treatment time, and finances in an attempt to deliver optimum results.

The presentation will explore the management of the completely edentulous patient and the options when presented with the terminal dentition. A historical review will serve as a backdrop for the decisions we make today, based on what we have learned. The rationale for immediate load / immediate function with full arch implant restorations, as a primary choice, will be emphasized as the goal of comprehensive care to restore quality of life. Literature supported protocols, and the emergence of new technology will be explored as a possible paradigm shift enabling potential reduced treatment time with a new standard of accuracy helping us to address this complex issue.

### Learning Objectives:

- Be familiar with the magnitude of edentulism.
- Understand the historical principles that remain pertinent today.
- Understand the synergistic surgical and prosthetic pathways.
- Understand the options available to achieve predictable accurate restorations.

### Curriculum Vitae:

Dr. Frank J Tuminelli received his Dental Degree and specialty training in Prosthodontics from Fairleigh Dickenson University School of Dental Medicine. Dr. Tuminelli is a Diplomate and Director, of the American Board of Prosthodontics and is currently the Program Director of the Advanced Education Program in Prosthodontics at the Manhattan Veterans Administration, New York campus. He served as Program Director for Graduate Prosthodontics, New York Presbyterian Hospital at Queens from 2010 – 2016, and as the Program Director of Advanced Prosthodontics and Implantology, for the NSHLIJ Health System 2000 -2010. He is a past President of the American College of Prosthodontists, and The Greater New York Academy of Prosthodontics. He served as the Chair, and American College of Prosthodontists (ACP) Commissioner to the National Commission on Dental Specialty Recognition. Dr. Tuminelli is a clinical assistant professor in the Department of Dental Medicine at the Hofstra Northwell School of Medicine, and adjunct clinical assistant professor NYU School of Dentistry. He served as the Team Dentist for the New York Islanders 2002-12. He lectures nationally and internationally, presenting over 70 invited lectures. He has contributed to the scientific literature authoring / coauthoring multiple scientific papers. Dr Tuminelli is the recipient of the 2023 Dan Gordon Life Time Achievement Award and 2017 Educator of the Year Award from the ACP. He was also awarded the 2023 Founders Medallion from American College of Prosthodontists Education Foundation. He maintains a private practice limited to Prosthodontics on Long Island and in New York City.



## DR. TERRY DONOVAN

Lessons Learned Over 60  
Years in the Dental Profession

Saturday, February 24, 2024 | 8:00 a.m.

### Synopsis:

This presentation will highlight lessons learned in restorative dentistry from both successes and failures in years of private practice and many years in teaching at the pre-doctoral level and in graduate programs in prosthodontics and operative dentistry. The presentation will delineate what works and what doesn't work, based on experience and evidence from the dental literature. It will also discuss strategies for both personal and professional success in both practice and teaching.

### Learning Objectives:

- Understand what direct posterior restorations work and why, and understand the indications for their use.
- Understand the excellent performance of both cast gold and contemporary ceramic onlays.
- Understand there are NO indications for indirect composite resin or ceramic inlays.
- Understand the reasons for success of some contemporary ceramic materials, and the complexity of zirconia materials.

### Curriculum Vitae:

Dr. Terry Donovan received his D.D.S. from the University of Alberta in 1967, and practiced full time in Regina, Saskatchewan for 13 years. He received his Certificate in Advanced Prosthodontics from the University of Southern California in 1981. He was Professor and Director of the Advanced Education in Prosthodontics Program at USC from 1988 - 2006. He has been Associate Dean for General Practice and Executive Associate Dean for Academic Affairs at the University of Southern California, as well as the Chairman of the Department of Restorative Dentistry from 1984 – 1991, and 1994-2001. He is currently Professor and Section Head of Biomaterials in the Department of Operative Dentistry at the University of North Carolina, School of Dentistry at Chapel Hill. He has published extensively, and has lectured world wide on the topics of restorative dentistry and materials science. He is a member of the ADA, CDA, North Carolina Dental Society, CAIC, American Academy of Restorative Dentistry, a Fellow of the American College of Dentists, and an Honorary Life Member of the College of Dental Surgeons of Saskatchewan, The Association of Prosthodontists of Canada, The Canadian Academy of Restorative Dentistry and Prosthodontics, The American Dental Society of Europe, and the Western Canada Dental Society. He is past Chairman of the American Dental Association's Council on Dental Materials, Instruments, and Equipment.



## DR. SONIA LEZIY

Analog Skills and Digital Technology in  
Implant Surgery: How They Impact  
Your Treatment Outcomes

Saturday, February 24, 2024 | 8:45 a.m.

### Synopsis:

This presentation will review the changing landscape in implantsurgical and restorative thinking and treatment. The goal in common to all clinicians is to provide care using proven surgical and restorative materials and concepts. Early adoption of emerging technologies, innovations and concepts or challenging norms/traditional methods challenges this philosophy, but may shape and improve patient experiences and treatment outcomes.

### Learning Objectives:

- Digital/virtual planning, communication, documentation and treatment. Understand why your surgical team member needs to be investigated in the digital workflow to ensure a high level of precision and minimize restorative complications.
- Immediate surgical and restorative protocols in small edentulous sites. Current concepts to control the stability of the tissue interface and decrease post-restorative complications and esthetic failures.
- Recognize why delayed or late protocols sometimes need to be considered in our era of 'as fast as possible' through risk assessment and personalized care plans.

### Curriculum Vitae:

Dr. Sonia Leziy, periodontist, maintains a full time practice on Vancouver Island, British Columbia, Canada. She was awarded the Lucy Hobbs Award for mentorship in 2013, the Saul Schluger Award for excellence in teaching and education in 2014; the recipient of the 2022 American Academy of Esthetic Dentistry Distinguished Lecturer Award, and the 2022 Greater NY Academy of Prosthodontics Distinguished Lecturer Award, and she is recognized by Dentistry Today as a leader in continuing education. She is a member of numerous editorial boards, and is published in the areas of implant esthetics, editor of the implant section of Inside Dentistry/Aegis Publications. She is a fellow of the ITI and a member of the ITI Board of studies. She lectures internationally, and provides education programs through Elatus Dental Bio-Architecture ([www.elatus.ca](http://www.elatus.ca)) and Vancouver Island Dental Specialists ([www.videntalspecialists.com](http://www.videntalspecialists.com)).



## DR. RADI MASRI

Microbiology of Peri-implantitis: What is Inside the Implant?

Saturday, February 24, 2024 | 10:30 a.m.

### Synopsis:

Peri-implantitis is common pathology around dental implants and managing implants with peri-implantitis is difficult. The etiology of peri-implantitis is multifactorial and poorly understood. Previous research on peri-implantitis etiology focused on studying bacteria and biofilms surrounding dental implants. Most of the studies used outdated technologies to identify bacteria, and no study evaluated bacteria within dental implants. This presentation will discuss factors contributing to peri-implantitis, with a focus on pathogenic bacteria harbored around and within dental implants with peri-implantitis.

### Learning Objectives:

- Understand the current definition of peri-implantitis.
- Become familiar with different bacteria that may/can contribute to peri-implantitis.
- Learn how host reaction contribute to the etiology of peri-implantitis

### Curriculum Vitae:

Dr. Masri is a tenured Professor at the University of Maryland School of Dentistry and School of Medicine. He is the Program Director of the Advanced Education Program in Prosthodontics and the Director of the Division of Prosthodontics at the Department of Advanced Oral Sciences and Therapeutics. He is the Editor-in-Chief of the Journal of Prosthodontics, a Past President of the American Academy of Fixed Prosthodontics, and the Immediate Past President of the American Board of Prosthodontics. Dr. Masri is heavily involved in developing and implementing cutting edge technologies used in oral health care. He lectures nationally and internationally and serves as an external examiner for international dental schools in the field of prosthodontics. He has authored numerous scientific papers, holds several patents, and currently supervises a federally funded research laboratory. Dr. Masri received many honors including the 2013 American College of Prosthodontist (ACP) Clinician Researcher Award, the 2015 Maryland LIFE Award for the most promising technology, the 2018 ACP Distinguished Service Award, and the 2021 Elkins-Wilson Endowed Professorship.





## DR. LINO CALVANI

“The Facial Support” In-depth  
System Analysis, Biomechanical  
Assessment and Research

Saturday, February 24, 2024 | 11:15 a.m.

### Synopsis:

Better facial aesthetics is increasingly an important personal and professional calling card. In this regard, partial and total edentulism can create reconstructive situations that are difficult to manage, as a lot of information and competence are required. Research conducted with adequate digital technologies can help the prosthodontist task, allowing him to know anatomical details that would otherwise be impossible to see. Furthermore, a careful analysis of the conformation and function of the hard and soft tissues of the lower third of the face, allows a better understanding of the biomechanics of the facial support, of its functional importance and limitations. All these information can guide the development of simple and complex predictable treatment plans capable of restoring and improving specific situations that mark the individual static and dynamic physiognomy of each face. Every facial cosmetic practice, so much abused today, can only relatively improve or even worsen the esthetic and functional result without proper prosthetic treatment planning.

### Learning Objectives:

- Identify the fundamental structure of the prosthetic treatment plan as it relates to facial support, and how it should be articulated to achieve predictable and successful functional and esthetic results for patients and the profession.
- Know the true concept of Facial Support, a reality that is rarely talked about because its anatomical and biomechanical details are often forgotten, and its practical importance in the life of patients.
- Learn about the latest clinical and digital research on hard and soft tissue and how its results can influence and improve planning strategies and the practical execution of truly sustainable and predictable treatments.

### Curriculum Vitae:

Dr. Lino Calvani, is an Adjunct Associate Professor to the Department of Prosthodontics and Operative Dentistry at Tufts University SDM since 2005, and he has been invited to lecture at U. Harvard, U. CONN, U. Maryland, U. Bordeaux, U. Thessaloniki, U. Siena, U. Milano and others. He is also faculty of FLIP, Future Leaders in Prosthodontics. Dr. Calvani is a Board Certified MD and DDS, University La Sapienza and O.M.O., Rome, Italy, and is a Board Certified Dental Technician, Maggiori Inst., Rome, Italy. He has a Certificate of Plastic Surgery of Face, Head and Neck from S.M.O., Rome, Italy. He has a Certificate in Prosthodontics, Tufts University SDM, Boston, he is a US Board Certified Prosthodontist, and he is Fellow of the ACP, AP, ICP, GNYAP, ICD, RSM. He has a MSc in Applied Biomechanics Engineering, from the Department of Bio-Engineering, Wolfson Center, Strathclyde University, Glasgow, UK; a MSc in Experimental and Translational Therapeutics, from the Department of Oncology, Oxford University, Oxford, UK; a MSc in Sustainable Human Resource Management, Department of Economics, European University of Rome, Rome, Italy; a PhD Summa cum Laude in Prosthodontics, Department of Prosthodontics, Aristotle University of Thessaloniki, Greece. Past-President of the Italian Academy of Esthetic Dentistry, IAED, and Former Director for two mandates of the Region 7, International, of the ACP, he has been a Board Member of the American College of Prosthodontists. Dr. Calvani has been the 2020 recipient of the Private Practice Prosthodontics Award from the American College of Prosthodontists, and is the author of the higher educational textbook: “Fundamentals of Treatment Planning. Guidelines on how to develop, plan, write and deliver a prosthodontic care project.” Quintessence Publishing, 2020. He has lectured extensively Nationally and Internationally, has numerous publications on National and International peer-reviewed journals, and is an Active Member of the Editorial Review Board of the International Journal of Esthetic Dentistry. Dr. Calvani owns a private multi-disciplinary practice in Rome, Italy.



## DR. MARIAM MALAMENT

Incidence of Endodontic  
Therapy in Prosthodontics

Saturday, February 24, 2024 | 1:30 p.m.

### Synopsis:

The progressive shift towards minimally invasive dentistry is obvious. The ultimate goal is to preserve as much of the tooth structure as possible and extend pulpal vitality. Partial coverage restorations are considered more conservative due to their defect-specific preparation and path of insertion. It is still questionable, however, if partial coverage restorations have a reduced incidence of post-prosthetic endodontic therapy. This presentation will provide an overview of existing available evidence of loss of tooth vitality after prosthodontic treatment and present the results of a clinical study on the incidence of endodontic therapy after receiving either complete or partial coverage glass ceramic restorations. The effect of clinical parameters such as type of restoration, dental arch, tooth position, age and sex of participants, and ceramic thickness will also be presented. An attempt to provide an evidence-based answer to the question of what is “minimally invasive dentistry?” will be made.

### Learning Objectives:

- To provide an overview of the existing available evidence of loss of tooth vitality after prosthodontic treatment.
- Compare the incidence of endodontic therapy after receiving either complete or partial coverage glass ceramic restorations.
- Evaluate the clinical variables influencing the incidence of endodontic therapy in prosthodontic treatment.

### Curriculum Vitae:

Dr. Mariam Margvelashvili-Malament is a Diplomate of the American Board of Prosthodontics. She received her Certificate of Specialty in Prosthodontics with honorary distinction from Tufts University School of Dental Medicine (TUSDM). She also received her Certificate of Fellowship in Implant Dentistry from TUSDM with a distinctive International Team for Implantology (ITI) Scholarship. She holds Master of Science and Ph.D. degrees in Dental Materials from the University of Siena, Italy. She earned her first DMD degree from the Tbilisi State University, Georgia and a second DMD degree from TUSDM.

Dr. Margvelashvili-Malament has published up to 50 articles and abstracts in international, peer-reviewed journals and scientific programs; has co-authored book chapters in 4 textbooks, while she serves as a reviewer for several impact-factored dental journals. She is a fellow of the American College of Prosthodontists and Associate Fellow of the Greater New York Academy of Prosthodontics. She is a co-author of the national residency program in Prosthodontics in Georgia. She is also the Founding Chair and the author of the International Dental Program at the University of Georgia. She lectures extensively on dental implants and esthetics in national and international dental meetings. Currently, Dr. Margvelashvili-Malament serves as an Assistant Professor of Prosthodontics at Tufts University School of Dental Medicine and visiting Associate Professor at the University of Georgia, Georgia. She also works in specialty prosthodontics practice Boston Prosthodontics and her clinical expertise covers all aspects of Implant, Esthetic and Reconstructive Dentistry.



## MR. ARIAN DEUTSCH

Fixed/Removable Telescopic  
Solutions - Evading Shipwreck

Saturday, February 24, 2024 | 2:15 p.m.

### Synopsis:

Non Removable Fixed Implant Solutions have experienced a renaissance over the last decade, but still present challenges. A novel solution based on a long tradition of successes in Europe provides benefits to patients in a number of ways that surpass those of fixed and screw retained solutions. The clinical and technical foundation of telescopic and conical implant solutions will be explained, and a number of successful patient cases presented.

### Learning Objectives:

- Understand how telescopic implant cases provide 100% passivity.
- Learn the 3 components of any telescopic implant prosthesis.
- Learn why Galvano-forming is still the “Gold Standard” for telescopic solutions.
- Review newer materials being utilized in implant telescopic solutions.

### Curriculum Vitae:

Arian B. Deutsch, CDT is a certified dental technician who has studied at the University level in the United States and Canada. 1993 to 2007 he served as lead technician and general manager for his father's dental laboratory, Eurotek Dental Concepts in Fairfield county Connecticut, where he specialized in Swissedent technique as taught by Dr. John P. Frush, DDS. 2004-2006 studies at George Brown City College, Toronto, ON IDEC program. 2007 Arian and his wife Muriel relocated to the Phoenix, AZ area and opened their laboratory, Deutsch Dental Arts, where they specialize in 'life like rehabilitations' through a variety of traditional and unique implant solutions, such as the Marius Bridge, and the Deutsch Removable Bridge® which was developed by Deutsch as a telescopic and conical solution for implant cases with moderate to severe complexities. In 2009 became the first accredited provider of the Marius Bridge in the southwest United States. In 2012 Arian trained with Frank Poerschke, MDT in Lutjenburg, Germany and became a certified TiF (Total Prosthetics in Function) trainer. In 2012 he was awarded 1st place in Candulor's KunstZahnWerk (Art of Dental Prosthetics) North American Competition. 2015 1st place in the WMDA World Mixed Dental Arts Competition in Utah at the Dental Technician's Guild Annual Symposium In 2016 he was awarded 1st place in the WMDA competition. In 2019 he served as one of 4 judges for the 2019 KunstZahnWerk (Art of Dental Prosthetics) International Competition in Zurich, Switzerland.



## DR. KAREN BAKER

Drug-Related Problems in  
Fixed Prosthodontics

Saturday, February 24, 2024 | 3:10 p.m.

### Synopsis:

Dental patients are becoming more chemically challenged which means that clinicians must consider the dental treatment impact of chronic drug therapy or chemical exposure. This lecture will provide clinically useful information on identification and management of intra-oral drug and chemical effects.

Drug-induced effects such as bruxism, increased gag reflex, medication-related osteonecrosis of the jaw, candidosis and most importantly, xerostomia, will be examined. Chemical contact effects such as mucosal irritation, sensitivity and ulcerations will also be described. Extensive handouts will supplement this fast-paced lecture with emphasis on practical clinical management of medicated dental patients.

### Learning Objectives:

- Describe the most common causes of xerostomia, taste disorders, orofacial movement disorders, oral pigmentation, medication-related osteonecrosis of the jaw (MRONJ), chemical sensitivity and mucositis.
- Discuss dental management strategies for xerostomia, halitosis and mucositis.
- List four chronic medications that limit vasoconstrictor dosage.

### Curriculum Vitae:

Professor Karen Baker has been on the Dental College faculty at the University of Iowa for over 40 years and occupies a unique role in dental practice and education. She is a clinical pharmacist with a Master's degree in clinical pharmacology and therapeutics and is focused on patient-specific dental drug therapy. She has given well over 1000 invited programs nationally and internationally and holds memberships in many dental and clinical pharmacology and therapeutics organizations. Her dental education-based pharmacy and drug therapy consultation center is the only one in the United States. She has authored many articles and abstracts and lectures extensively in pre-doctoral and graduate courses at the University of Iowa.



## DR. CARL DRISCOLL

Just Because We Can, Doesn't  
Mean We Should

### RESERVE SPEAKER

#### Synopsis:

This presentation will take a look at many prosthodontic "dogmas or tenets" that continue to be taught in dental schools and prosthodontic residencies, without much merit.

#### Learning Objectives:

- To review long believed facts that are used commonly used in the treatment of our patients that have no scientific basis.
- To review treatment modalities that may not improve the patient's treatment outcome.
- To learn the importance of the multi-disciplinary approach to the treatment of our patients.

#### Curriculum Vitae:

Dr. Carl F. Driscoll is an international known educator, clinician, author, researcher, and lecturer. He currently serves as a Clinical Professor at the University of Maryland School of Dentistry and was the Director of the Prosthodontic Residency for 21 years. He also served in the same capacity at Walter Reed Army Medical Center for three years prior to moving to the Maryland School of Dentistry. Dr. Driscoll retired from the U.S. Army after twenty years of service with the rank of Colonel. He has received many prestigious awards from the military as well as prosthodontic organizations. Dr. Driscoll is a Diplomate of the American Board of Prosthodontics, a Fellow of both the American College of Prosthodontists (ACP) and the Academy of Prosthodontics. 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. In addition to his teaching commitments, he is in private practice in Bethesda, MD.

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**“PAST, PRESENT, FUTURE OF ESTHETIC DENTISTRY”**

**DR. PETRA GIERTHMUEHLEN**

**“MINIMALLY INVASIVE DENTISTRY: FROM MYTH TO EVIDENCE”**

**DR. DANIEL EDELHOFF**

**“EVOLUTION OF ZIRCONIA CERAMICS - FROM TRADITIONAL TO  
GRADIENT TECHNOLOGY”**

**DR. RODRIGO NEIVA**

**“BUILDING A SOLID FOUNDATION FOR ORAL REHABILITATION  
WITH LASSO GBR”**

**DR. LESLEY DAVID**

**“TOP 5 REASONS YOU SHOULD UNDERSTAND ZYGOMA  
IMPLANTS”**

**DR. BRIAN GOODACRE**

**“DIGITAL DENTURES FOR THE IMPLANT PATIENT”**

**DR. GARY KLASSER**

**“OCCLUSION AND TEMPOROMANDIBULAR DISORDERS”**

**DR. REBECCA BOCKOW**

**“THE HEALTHY FACE - EVALUATING AND CREATING  
HARMONY BETWEEN THE LIPS, TONGUE,  
JOINTS, PERIODONTIUM, AIRWAY, AND TEETH”**

**DR. JAMIESON SPENCER**

**“BRUXISM’S POSSIBLE CONNECTION TO SLEEP APNEA: KNOWN  
FOR DECADES, BUT STILL MOSTLY IGNORED”**

**DR. TAISEER SULAIMAN**

**“CLINICAL & SCIENCE-BASED ELEMENTS OF LITHIUM  
DISILICATE & ZIRCONIA RESTORATIONS.  
WHAT EVERY DENTAL PROFESSIONAL MUST KNOW!”**

**DR. JOHN KOIS**

**“IMPROVING CLINICAL OUTCOMES:  
WHY RESTORATIONS FAIL”**

DR. RELLA CHRISTENSEN

“DENTAL CARIES: NEW METHODS REVEALS NEW INSIGHTS  
RELEVANT TO CLINICAL TREATMENTS”

DR. RADE D PARAVINA

“COLOR IN ESTHETICS - BIOMETRIC DISRUPTION, BENCH TO  
CHAIRSIDE”

RESERVE SPEAKERS

DR. ARIEL RAIGRODSKI

“THE EVOLUTION OF ZIRCONIA FROM A FRAMEWORK TO  
A MONOLITHIC RESTORATIVE MATERIAL-AN EVIDENCE-  
BASED CLINICAL PERSPECTIVE”

DR. TOM TAYLOR

“DENTAL IMPLANTS AND OCCLUSION. WHAT GIVES?”

## NOTES



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