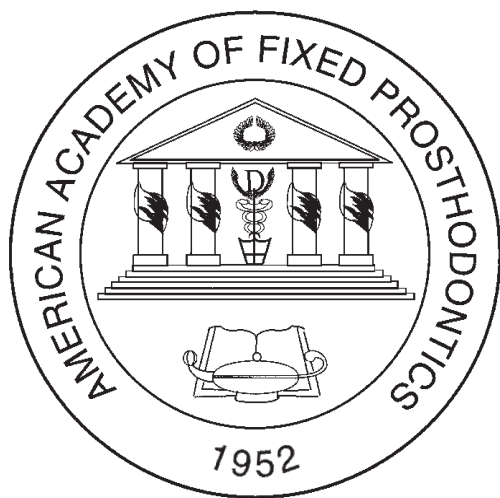


THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS



PREDICTABLE OUTCOMES

IN

PROSTHODONTIC TREATMENT

72st ANNUAL SCIENTIFIC SESSION

Friday, February 24, 2023

Saturday, February 25, 2023

CHICAGO MARRIOTT DOWNTOWN

7TH FLOOR BALLROOMS I, II, III

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TENTATIVE 2024 MEETING DATE

February 23-24, 2024

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

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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

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THE ORIGIN AND HERITAGE OF THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS

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

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

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

The next meeting took place in French Lick, Indiana, on March 19, 1951, where the tentative constitution and bylaws were presented for final approval. Charter members were initiated into the Academy on February 2, 1952, in Chicago, making this the first annual meeting of The Academy of Crown and Bridge Prosthodontics. We have continued to grow and expand our national and international membership to our present total of nearly 600 active and life members in 24 different countries.

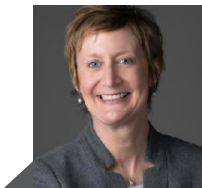
Members of today have a proud heritage in the Academy. We continue to dedicate ourselves to the pursuit of knowledge, truth, and competency in research, in teaching, and in the clinical practice of crown and bridge prosthodontics.

Authored by Dr. Jesse T. Bullard

PAST PRESIDENTS

* Claude R. Baker.....1952-53	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	
* Ralph A. Yuodelis.....1987	
* William D. Culpepper.....1988	

* Deceased



Dr. Jennifer A. Kuracina President, 2022-2023

On behalf of the membership of the American Academy of Fixed Prosthodontics, it is my honor to welcome you, Members and Guests, to the 72nd Scientific Session. Program Co-Chairs Drs. Sarit Kaplan and Ariel Raigrodski have put together an outstanding program titled “Comprehensive Management of Prosthodontic Challenges.” Their impressive lineup of speakers address multidisciplinary considerations in the management of the most complex of patient treatment needs. Their valuable evidence based and experiential insights will provide practitioners with a practical understanding of how to manage treatment planning and sequencing, referrals for specialty care, and execution of complex treatments, so as to best achieve predictable and ideal outcomes.

Silver Sponsors Ivoclar and Straumann have sponsored premeeting workshops to offer attendees additional learning opportunities. Ivoclar’s program, “Taking the Mystery out of Digital Dentures Using the Ivoclar Ivotion Digital Denture System,” and Straumann’s program, “Full Arch Guided Surgery and Prosthodontic Restorations: Smile in a Box,” promise to offer comprehensive training in techniques that the practitioner can employ in the office on Monday. Thank you to all of our sponsors and exhibitors who have joined us this year. Their presence is an essential part of our meeting, and I encourage everyone to visit the Exhibits Hall to see what they have to offer. I’d like to thank Exhibits Chair Dr. Soni Prasad for her hard work in bringing back so much corporate support.

This meeting is successful because of many others in our Academy. Unlike other organizations, the business of this Academy is carried out by volunteers among its membership. I’d like to thank the members of the Board of Directors for their guidance and willingness to make difficult decisions on behalf of the Academy; Treasurer Doug Philips and Budget and Finance Director Duane Douglas for their part in maintaining the fiscal health of the Academy, Secretary Steve Rosenstiel for assisting in communications and fulfilling his many other essential roles; and Parliamentarian Phil Pierpont and his outgoing mentor Martin Land for ensuring we conduct our business in the appropriate manner. Thank you to President Elect Sarit Kaplan, Vice President Sangeetha Raghavendra, and especially Immediate Past President Jim Dunne, for their guidance and support. There are many others who work hard behind the scenes on our behalf: our Webmaster Chris Choi, Site Director Damian Lee, AV Consultant James Ywom, Local Arrangements Chair Dima Ghunaim, Poster Committee Chair Patchanee Rungruanganunt, Newsletter Editor Akanksha Srivastava, Credentials Committee Chair Viensuong Nguyen, and the many who chair our various awards committees, research committees, and all who serve on committees and perform tasks that are vital to this Academy. We owe all of these individuals a big thank you, and I encourage all others who wish to serve the Academy to get involved. There is a place for you. It is Members working together that builds the fellowship this Academy is known for.

This organization is like none other. In the pursuit of excellence in the discipline of Fixed Prosthodontics we produce a world class meeting year after year, and the friendship and camaraderie of those who attend produce a meeting experience that is unmatched. I encourage all Members who attend the meeting to invite colleagues to attend as guests, and those guests who attend and wish to become members to apply for membership. It has truly been my privilege to serve you this year, and I thank all of you for making this Academy such an outstanding organization.

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

PRESIDENT

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6435 Webster Road
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E-mail: rsadidza@buffalo.edu

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Email: dpannu@augusta.edu

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Sangeetha Raghavendra, Vice President, Ex-Officio

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Amara Abreu 2025
Rui Li 2027

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Jack Marincel 2025
Sarit Kaplan, President-Elect, Ex Officio
Sangeetha Raghavendra, Vice-President, Ex Officio
Douglas Phillips, Treasurer, Ex Officio

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Caroline Nguyen 2024
Geoffrey Thompson 2023
Dr. Robert Walter 2024
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Alexandra Yarborough 2023
Jennifer Kuracina 2023
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Hesham Nouh 2023
Fatemeh Afshari 2025
Sorin Uram-Tuculescu 2023

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Loana Tovar Suinaga 2025
Sangeetha Raghavendra 2024

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Aram Kim 2024
Geoffrey Thompson 2024
Julie Holloway 2025

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Darshanjit Pannu 2024
Maryam Mobarhan 2023
Jack Marincel, ad hoc

RESEARCH IN FIXED PROSTHODONTICS

Committee A

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

Committee B

Marianella Sierralta 2023,
Chair
Yuan-Lynn Hsieh 2023
Peixi Liao 2023

INVESTMENT COMMITTEE

Sarit Kaplan 2023, Chair
Duane Douglas
Doug Phillips
Robert Walter

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PARLIAMENTARIAN

Phil Pierpont

SECRETARY FOR GUESTS

Douglas Phillips

MEETING DIRECTOR

Damian Lee

CHAPLAIN

Sarita Arteaga

ACP PROSTHODONTIC FORUM REPRESENTATIVES

Jennifer Kuracina
Sarit Kaplan, Alternate

PREVIOUS 1ST PLACE WINNERS OF THE TYLMAN AWARD

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

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

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

PREVIOUS MOULTON AWARD RECIPIENTS

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

PREVIOUS BAKER AWARD RECIPIENTS

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

PREVIOUS GARVER-STAFFANOU PROSTHODONTIC RESIDENCY EDUCATOR AWARD RECIPIENTS

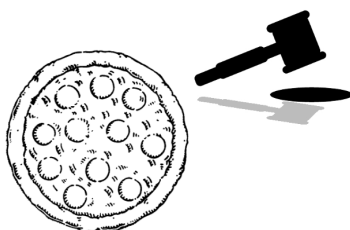
2010: Gerald Ziebert	2017: Steven Aquilino
2011: Carl Jerry Andres	2018: Julie Holloway
2012: John R. Agar	2019: Not awarded
2013: William Nagy	2020: Geoffrey Thompson
2014: Carl Driscoll	2021: Matthew Kattadiyil
2015: Wayne Campagni	2022: Not Awarded
2016: Hiroshi Hirayama	

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 PIZZA AND DRINKS



THURSDAY, FEBRUARY 23, 2023

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 D

Attendance at these events is restricted to Academy Members.

PAST PRESIDENTS' AND NEW MEMBERS' BREAKFAST



Saturday, February 25, 2023

7:00 AM,

LINCOLNSHIRE ROOM

(6th Floor)

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

2023 PROGRAM CO-CHAIRS



Dr. Sarit Kaplan & Dr. Ariel Raigrodski

2022 PROGRAM CO-CHAIRS



Dr. Duane Douglas & Dr. Damian Lee

2024 PROGRAM CO-CHAIRS



Lauren Bolding & Dr. Anton Petrich

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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Zest	131
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Keystone Dental Group*	123
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The American Academy of Fixed Prosthodontics
72st Annual Scientific Session
Friday, February 24, 2023
The Chicago Marriott Hotel Downtown
5:15 – 7:00 p.m. Chicago Ballroom, 5th Floor

1. Tylman Award First Place Winner:
Error analysis of stages involved in CBCT-guided implant placement with surgical guides when different printing technologies are used
Presenter: Dr. Brandon Yeager
Mentor: Dr. Burak Yilmaz
The Ohio State University College of Dentistry
yeager.81@osu.edu
2. Tylman Award Second Place winner:
Accuracy of 3D-printed complete arch implant analog models
Presenter: Andréa G. Audet
Mentor: Dr. John Sorensen
University of Washington
aaudet@uw.edu
3. Tylman Award Third Place Winner:
The effect of silver diamine fluoride on the surface roughness of dental ceramics
Presenter: Dr. Tintu Sara Chandy
Mentor: Dr. Radi Masri
University of Maryland
tschandy18@gmail.com
4. A digital workflow to provisionalize a tooth-supported arch at an opened occlusal vertical dimension
Presenter: Dr. Omar Mohamed
Mentor: Dr. Ramtin Sadid-Zadeh
University at Buffalo School of Dental Medicine
ommohame@buffalo.edu
5. Computer-assisted implant planning and full-arch immediate loading with a complete digital workflow
Presenter: Dr. Kedith Sawangsri
Mentor: Dr. Ahmet Orgev
University at Buffalo School of Dental Medicine
kedithsa@buffalo.edu
6. Functional and aesthetic parameters transfer to a virtual articulator, a digital facebow
Presenter: Dr. Nataly Rabelo Mina Zambrana
Mentor: Dr. Fei Liu
University of Michigan
natalyz@umich.edu

7. Precision attachments to the rescue in bone graft failure cases - workflow and learnings
Presenter: Dr. Karan Handa
Mentor: Dr. Igor Pesun
University of Manitoba
karan6388@gmail.com
8. Achieving ideal implant emergence profile and papillae creation in the esthetic zone
Presenter: Dr. Aikaterini Anastasaki and Dr. Bright Chang
Mentor: Dr. Wenchou Wu
University of Alabama at Birmingham
katanast@uab.edu and jesuk.chang@gmail.com
9. Minimally invasive lithium disilicate veneers in a patient with a deep overbite: a case report
Presenter: Dr. Shalom Benzaquen
Mentor: Dr. Konstantinos Chochlidakis
University of Rochester
sbenz.inbox@gmail.com
10. Digital workflow for fabrication of full arch long-term provisional for growing patients with ectodermal dysplasia. Case report
Presenter: Dr. Catherine Arreaza
Mentor: Dr. Damian J. Lee
The Ohio State University College of Dentistry
arreazahernandez.1@osu.edu
11. The effect of a new design of supporting structure on marginal and internal gap of additively manufactured interim crowns
Presenter: Dr. Alma Salazar Rios and Dr. Pat Siri Wittayacharnoen
Mentor: Dr. Amirali Zandinejad
Texas A&M University College of Dentistry
als-81@tamu.edu and patdent@tamu.edu
12. Retreatment of a natural tooth full mouth rehabilitation utilizing a completely digital workflow
Presenter: Dr. Karolina Migus
Mentor: Dr. Avinash Bidra
University of Connecticut School of Dental Medicine
migus@uchc.edu
13. Jaw in a day: digital planning and reconstruction of mandible with odontogenic myxoma
Presenter: Dr. Stephen Cox
Mentor: Dr. Dima Ghunaim
University of Illinois at Chicago
scox22@uic.edu
14. Tongue thrusting habit and occlusal instability found after long term use of continuous positive airway pressure therapy for the treatment of obstructive sleep apnea
Presenter: Dr. Victor Moncada
Mentor: Dr. Wen Chou Wu and Dr. Sandra Jean O'Neal
University of Alabama at Birmingham
vmoncada@uab.edu

15. The efficacy of articaine through local infiltration for fixed prosthodontic procedures
Presenter: Dr. Ghislain Cohen
Mentor: Dr. Damian J. Lee
The Ohio State University College of Dentistry
cohen.1293@osu.edu
16. Radiation mapping for head and neck cancer patients and dental implant treatment: a literature review
Presenter: Dr. Arwa Almutair
Mentor: Dr. Damian J. Lee
The Ohio State University College of Dentistry
almutair.2@osu.edu
17. Step by step technique for creating an anterior implant provisional for soft tissue contouring using anodized temporary cylinder
Presenter: Dr. Omar HMS Moustafa
Mentor: Dr. Damian J. Lee
The Ohio State University College of Dentistry
moustafa.12@buckeyemail.osu.edu
18. Full mouth rehabilitation of severe class II malocclusion utilizing CAD/CAM workflow
Presenter: Dr. ByongSoo Timothy Chae
Mentor: Dr. Carlo Ercoli
University of Rochester
byongsoo_chae@urmc.rochester.edu
19. Fixed implant-supported prosthesis of a post maxillectomy patient: a digital approach
Presenter: Dr. Lamprini Leotsakou
Mentor: Dr. Lamprini Leotsakou
Louisiana State University Health Science Center
lleots@lsuhsc.edu
20. Healing time required prior to final restoration following crown lengthening procedure: a systematic review
Presenter: Dr. Venkata Sruthi Surabathula and Dr. Himanshi Aggarwal
Mentor: Dr. Chin-Chuan Fu
University of Alabama at Birmingham
vssuraba@uab.edu and drhimanshi84@uab.edu
21. Anodizing technique to improve esthetics
Presenter: Dr. Ariana Rodriguez
Mentor: Dr. Damian J. Lee
The Ohio State University College of Dentistry
rodriguez.751@buckeyemail.osu.edu
22. Fracture resistance of endodontically treated teeth restored with fiber posts luted with composite core materials
Presenter: Dr. Hassan Alamri
Mentor: Dr. Damian J. Lee
The Ohio State University College of Dentistry
alamri.34@osu.edu

23. Case report: a digital approach to replacing a preexisting irreparable denture
 Presenter: Dr. Jeff Chen
 Mentor: Dr. Damian J. Lee
 The Ohio State University College of Dentistry
 chen.10601@buckeyemail.osu.edu
24. Stackable guides: Enabling prosthodontic goals with guided implantology: case report
 Presenter: Dr. Neeraj Surathu
 Mentor: Dr. Niranjana Joshi
 NOVA Southeastern University
 ns1644@mynsu.nova.edu
25. Digital alignment of two casts without hard tissue reference points: laboratory technique
 Presenter: Dr. Yamen Safadi and Dr. Ruhanijot Kaur Cheema
 Mentor: Dr. Daniel A. Givan
 University of Alabama at Birmingham
 yamen.sfd@gmail.com and rkcheema@uab.edu
26. Manufacturing technology and sample geometry affect fracture resistance of CAD/CAM-fabricated resin samples
 Presenter: Dr. Julian Nold
 Mentor: Dr. Benedikt Spies
 University of Freiburg
 julian.nold@uniklinik-freiburg.de
27. Detachable interocclusal record for fixed complete dentures: a clinical report
 Presenter: Dr. Omar M. Alqabandei
 Mentor: Dr. Radi Masri
 University of Maryland
 omar.alqabandei@umaryland.edu
28. Repurposing dental implants from an overdenture for a maxillary complete-arch fixed implant-supported prosthesis
 Presenter: Dr. Greg Tao
 Mentor: Dr. Avinash Bidra
 University of Connecticut School of Dental Medicine
 grtao@uchc.edu
29. Influence of implant submersion due to continuous craniofacial growth, to smile attractiveness
 Presenter: Dr. Panagiotis Ntovas
 Mentor: Dr. Wael Att
 Tufts University
 pan.ntovas@gmail.com
30. The accuracy of facebow record: a comparison between conventional facebow and smartphone 3D scanner
 Presenter: Dr. Hasan Al Yousuf
 Mentor: Dr. Junying Li
 University of Michigan
 hyousify@umich.edu

31. Full mouth rehabilitation with fixed implant-supported restoration for a myasthenia gravis patient
Presenter: Dr. Andreas Onisiforou
Mentor: Dr. Abdusalam Alrmali
University of Michigan
oandreas@umich.edu
32. Flexural strength of materials used for provisional restorations
Presenter: Dr. Taillk G. Gomes
Mentor: Dr. Nathaniel Lawson
University of Alabama at Birmingham
tgomes@uab.edu
33. Magnet-retained all-on-x system: prosthetically driven surgery and provisionalization
Presenter: Dr. Timothy Daudelin
Mentor: Dr. Sam Richards
Naval Postgraduate Dental School
timothydaudelin@gmail.com
34. Workflow for full-arch implant supported reconstruction with limited inter-arch space
Presenter: Dr. Wadih Almadani
Mentor: Dr. Niranjana Joshi
NOVA Southeastern University
wa267@mynsu.nova.edu
35. Using thermoplastic denture for immediate fixed dental prosthesis
Presenter: Dr. Rajat Rathi
Mentor: Dr. Damian J. Lee
The Ohio State University College of Dentistry
rathi.35@buckeyemail.osu.edu
36. CAD/CAM implant indexing device for accurate positioning of non-engaging abutment
Presenter: Dr. Christian Loo
Mentor: Dr. Damian J. Lee
The Ohio State University College of Dentistry
christian.loo.007@gmail.com
37. A guided digital approach for prosthetically-driven zygomatic implant therapy: a case presentation
Presenter: Dr. Dalia Waia
Mentor: Dr. Sandra Al-Tarawneh
University of Illinois at Chicago
dwaia2@uic.edu
38. Full mouth rehabilitation for a systemically compromised patient with mutilated dentition
Presenter: Dr. Laurentiu Popa and Dr. Himanshi Agrawal
Mentor: Dr. Chin Chuan Fu
University of Alabama at Birmingham
drpopa@uab.edu and drhimanshi84@uab.edu

39. Porcelain fused to metal restorations with extracoronal attachments
 Presenter: Dr. Paul Mikhail
 Mentor: Dr. Igor Pesun
 University of Manitoba
 paul.pavlos@gmail.com

40. Effect of scan technique on the shade measurement by an intraoral scanner
 Presenter: Dr. Eman Al Kaba
 Mentor: Dr. Wei-Shao Lin
 Indiana University
 ealkaba@iu.edu

41. Wear of lithium disilicate opposing zirconia, lithium disilicate and porcelain
 Presenter: Dr. Pranit Bora and Dr. Krisha Shah
 Mentor: Dr. Lawson Nate
 University of Alabama at Birmingham
 pranitbora411@gmail.com and ksshah@uab.edu

42. Is intraoral scanner accurate enough to digitize complete dentures? A comparison with desktop scanner
 Presenter: Dr. Nivedita Chinam and Dr. Mariam Bekkali
 Mentor: Dr. Junying Li
 University of Michigan
 nchinam@umich.edu and mbekkali@umich.edu

43. Effect of specimen dimension on flexural strength of 3D printed materials
 Presenter: Dr. Setthawut Choochaisaengrat
 Mentor: Dr. Russell Giordano
 Boston University Henry M. Goldman School of Dental Medicine
 stwchoo@bu.edu

44. Unilateral zygomatic implant-supported oral rehabilitation: two clinical cases report
 Presenter: Dr. Alvaro Gracia
 Mentor: Dr. Alvaro Gracia
 Boston University Henry M. Goldman School of Dental Medicine
 alvaro_gracia@hotmail.com

45. Digital impressions for implant fixed complete dentures: a case report
 Presenter: Dr. Mariam Issa and Dr. Himanshi Aggarwal
 Mentor: Dr. Daniel Givan
 University of Alabama at Birmingham
 mariissa@uab.edu and drhimanshi84@uab.edu

46. Removal of lithium disilicate veneers using an Er:YAG laser
 Presenter: Dr. Chang W. Jung
 Mentor: Dr. Jennifer V. Sabol
 U.S. Army Advanced Education Program in Prosthodontics
 chang.w.jung.mil@health.mil

47. Biocompatibility of human gingival epithelial cells grown on lithium disilicate in vitro
Presenter: Dr. Nathaniel Hoang
Mentor: Dr. Jennifer V. Sabol
U.S. Army Advanced Education Program in Prosthodontics
n8hoang@gmail.com
48. Management of anterior wear: minimally invasive approach using a modified Dahl concept
Presenter: Dr. Jekita Kaenploy
Mentor: Dr. Jennifer Kuracina
University at Buffalo School of Dental Medicine
jekitaka@buffalo.edu
49. Quality of communication between dentists and technicians regarding CAD/CAM all-ceramic prosthesis
Presenter: Ms. Roojul Trivedi
Mentor: Dr. Rui Li
University at Buffalo School of Dental Medicine
roojultr@buffalo.edu
50. Use of polyvinylsiloxane to maintain peri-implant mucosa contours
Presenter: Dr. Alexis Pawlak
Mentor: Dr. Cheryl Park
University of Southern California School of Dentistry
apawlak@usc.edu
51. Mandibular reconstruction with the fibula graft and CAD/CAM implant-supported bar overdenture
Presenter: Dr. Weiqing Liu
Mentor: Dr. Wei-Shao Lin
Indiana University
weiqliu@iu.edu
52. A mixed methods study of dental implant treatment outcome and impact on patients with oligodontia
Presenter: Dr. Cui Cui
Mentor: Dr. Robert Carmichael
University of Toronto
cui.cui@mail.utoronto.ca
53. Influence of scanbody design on digital impression accuracy in full-arch implant cases using 4 different intraoral scanners: an in vitro study
Presenter: Dr. Priscila Ceolin Meneghetti
Mentor: Dr. Gustavo Mendoça
University of Michigan
pceolinm@gmail.com
54. Digital centric relation and facebow records with intraoral scanner and CAD software
Presenter: Dr. Won Yu
Mentor: Dr. Stacy Yu
Naval Postgraduate Dental School
wonyudds@gmail.com

55. "Smart denture conversion" technique for full arch fixed immediate load fabrication
Presenter: Dr. John Bender
Mentor: Dr. Niranajan Joshi
NOVA Southeastern University
johnv.bender@gmail.com
56. Establishing lab communication for CAD/CAM fabrication of PMMA hybrid prototype and permanent full arch zirconia hybrid restoration
Presenter: Dr. Maria Teresa Rosas Diaz
Mentor: Dr. Tarek K El Kerdani
University of Iowa
mariateresa-rosasdiaz@uiowa.edu
57. Utilizing cross-polarized dental photography with digital shade matching to enhance esthetic outcome
Presenter: Dr. Philip Mui
Mentor: Dr. Radi Masri
University of Maryland
philip.mui@umaryland.edu
58. Color stability of CAD/CAM hybrid ceramic restorations: in-vitro study
Presenter: Dr. Toshiki Nagai
Mentor: Dr. Wei-Shao Lin
Indiana University
toshi.105514@gmail.com
59. Immediate implant placement and loading in a terminal dentition: a clinical report
Presenter: Dr. Abdullah Alehaideb
Mentor: Dr. Wei-Shao Lin
Indiana University
abdullah.alehaideb@gmail.com
60. Effect of pattern materials and fabrication techniques on the color of a pressed lithium disilicate ceramic
Presenter: Dr. Niveen Hazem Mohammed Zakaria Mahmoud
Mentor: Dr. Ihab A. Hammad
Alexandria University
niveen.hazem.dent@alexu.edu.eg

THE AMERICAN ACADEMY OF FIXED PROSTHODONTICS
SEVENTY-SECOND ANNUAL SCIENTIFIC SESSION
FRIDAY, FEBRUARY 24, 2023

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. Jennifer Kuracina, President
Introductory Remarks, Drs Sarit Kaplan & Ariel Raigrodski, Program Chairs
- 8:15 a.m. Dr. Joseph Kan
Esthetics Immediate Tooth Replacement; Lessons learned over 26 years
- 9:00 a.m. Dr. Jonathan Esquivel
Modern implantology: A prosthodontic approach to a biologic challenge
- 9:45 a.m. REFRESHMENT BREAK
IN THE 7th FLOOR EXHIBIT HALL
All members, guests and students invited
- 10:30 am Dr. Dennis Tarnow
Facilitating the foundation for an implant supported restoration in the esthetic zone
- 11:15 a.m. Dr. Marta Revilla
The role of additive manufacturing in CAD/CAM technology
- 12:00 p.m. ANNUAL LUNCHEON FOR MEMBERS, GUESTS, AND STUDENTS | 5th Floor Chicago Ballroom
- 2:00 p.m. Dr. Mohamed Fayad
Cracking the cracked teeth code utilizing CBCT imaging: A new perspective on diagnosis, CBCT imaging, treatment strategies, and outcomes
- 2:45 p.m. Dr. Susanne Scherrer
Zirconia connector failures: lessons to learn
- 3:30 p.m. BREAK IN THE 7th FLOOR EXHIBIT HALL
All members, guests and students invited
- 4:15 p.m. Dr. Gustavo Giordani
Digital interdisciplinary treatment--How to combine biology with technology to achieve predictability in the esthetic zone
- 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-SECOND ANNUAL SCIENTIFIC SESSION
SATURDAY, FEBRUARY 25, 2023

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. Martijn Moolenaar
Combining the analog and the digital technologies in
comprehensive complete mouth rehabilitation
- 8:45 a.m. Dr. Kostas Chochlidakis
Management of challenging cases in implant
prosthodontics
- 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. Mr. Aki Yoshida
Smile makeover for your patients - communication for
esthetic results
- 11:15 a.m. Dr. Frank Celenza Jr.
The use of aligners in comprehensive dentistry
- 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. Pat Allen
Applying the Tunnel Technique to Soft Tissue Defects at
implant Sites
- 2:15 p.m. Dr. Bobby Birdi
Avoiding implant challenges by harnessing perio-
prosthetic principles
- 3:30 p.m. Dr. Nate Lawson
Adhesive cementation of indirect restorations - current
status
- 4:00 p.m. CLOSING REMARKS
Dr. Jennifer Kuracina, President
Dr. Sarit Kaplan, Program Co-Chair
Dr. Ariel Raigrodski, Program Co-Chair

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



Dr. Joseph Kan

Esthetics Immediate Tooth Replacement; Lessons learned over 26 years

Friday, February 24, 2023 | 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:

Problems facing the team such as

- Prognostic variables for immediate tooth replacement
- How to maintain facial tissue contour
- Root Shield: how viable is it?

Curriculum Vitae:

Dr. Kan received DDS from Loma Linda University School of Dentistry (LLUSD), California, and then completed Prosthodontics and Implant Dentistry with MS. He is Professor and maintains a private practice. Dr. Kan honors include, 1997 Best Research Award from Academy of Osseointegration, 2003 Judson C. Hinckey Scientific Award from Journal of Prosthetic Dentistry, 2019 Honorary Membership from Association of Dental Implantology, UK, 2020 Distinguished Research Award from LLUSD, and 2020 Distinguished Speaker Award from Greater New York Academy of Prosthodontist. In 2021, Dr. Kan received both Honorary Membership and Clinical Research Award from American Academy of Periodontology.

Dr. Kan is on Editorial Board of several journals. He was Program Chairman for 2018 Academy of Osseointegration (AO) Annual Meeting in Los Angeles, and is currently on AO Board of directors. In 2018, Dr. Kan performed live patient surgery on immediate implant and Provisionalization with CT graft for the 104th Annual meeting of American Academy of Periodontology.

Besides lecturing nationally and internationally, Dr. Kan has published over 100 referenced articles and book chapters on interdisciplinary treatment planning, periodontal peri-implant tissue management, and immediate tooth replacement.



Dr. Jonathan Esquivel

Modern implantology: A prosthodontic approach to a biologic challenge

Friday, February 24, 2023 | 9:00 a.m.

Synopsis:

The world of implant dentistry has changed over time; patients are far more demanding today than many years ago, they do not expect a simple implant crown to substitute a missing tooth but rather a restoration that emulates natural dentition. A clear understanding of peri-implant biology and prosthetically driven treatment planning is crucial in predicting our implant cases' functional, biological, and esthetic success. The soft tissue-restorative interphase is the most complicated area to work within implant therapy and requires much attention to detail. Proper material selection, abutment design, and handling of the materials in the sub-gingival spaces also increase implant therapy predictability. In this program, the clinician will be exposed to important prosthetic and periodontal concepts to promote crestal bone and gingival margin stability in time, helping achieve long-lasting optimal results.

Learning Objectives:

- Identify important considerations for the management, and prevention of complications in esthetic implant therapy.
- Identify the relationship between position, soft tissue, and the prognosis of esthetic implant therapy.
- Understand the biological importance of the different areas of the emergence profile.
- Understand the importance of the biological and mechanical management of abutment design in the subgingival space.

Curriculum Vitae:

Jonathan Esquivel, DDS, Associate professor and director of Implant Dentistry for the department of Prosthodontics at LSUSD, joined LSUSD as a faculty in 2014. He received his dental training at Universidad Americana in his hometown of Managua, Nicaragua. After graduating from dental school, he joined his father's practice for four years. Due to his growing interest in prosthetics, he decided to pursue a specialty training in prosthodontics at LSUSD, completing the residency in 2013. He then was accepted and completed the LSUSD Esthetics and Surgical Implant Fellowship in 2014. Throughout his career as an educator he has won numerous awards including "The Golden Apple" excellence in teaching award in 2016, along with being named honorary faculty member for the C. Edmund Kells Honorary Society, and faculty member of the Omicron Kappa Upsilon National Dental Honor Society, Theta Kappa Chapter. He was selected to participate in the dental student "white coat ceremony", an honor bestowed upon respected faculty members and has recently been awarded the "Dr. Allen A. Copping" excellence in teaching award, and has been awarded the Brasseler USA Professorship in prosthodontics. He has published articles on the topics of dental implants and esthetics in nationally recognized peer reviewed journals and has lectured nationally and internationally.



Dr. Dennis Tarnow

Facilitating the foundation for an implant supported restoration in the esthetic zone

Friday, February 24, 2023 | 10:30 a.m.

Synopsis:

Replacing two adjacent teeth, such as the maxillary, central, and lateral incisors, is one of the dilemmas that a clinician must face. Especially if the patient has a high smile line and shows the interdental papilla. The alternatives of whether to replace the teeth with two adjacent implants or an implant and an ovate pontic will depend on many variables. This presentation will discuss an interdisciplinary approach, using prosthodontics, surgical and orthodontic management when appropriate.

Learning Objectives:

- To know whether to place implants immediately into sockets and whether to place two adjacent implants or one implant and a cantilever pontic.
- It will also discuss grafting of the sockets and when it is appropriate to do so.
- To also understand when to use prosthetic pink ceramics versus trying to replace a papilla with the patient's own tissue.

Curriculum Vitae:

Dr Dennis 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, Teacher of the Year Award from New York University and Distinguished Lecturer Award from the American College of Prosthodontists in 2015, and the Lifetime Achievement Award from the American Academy of Esthetic Dentistry. Dr. Tarnow has a private multispecialty interdisciplinary 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 two hundred twenty-five articles on perio-prosthodontics and implant dentistry and has coauthored four textbooks including one titled The Single Tooth Implant. Dr. Tarnow has lectured extensively in the United States and internationally in over forty-five countries.



Dr. Marta Revilla

The role of additive manufacturing in CAD/CAM technology.

Friday, February 24, 2023 | 11:15 a.m.

Synopsis:

Among the digital fabrication procedures, additive manufacturing or 3D printing is disrupting prosthodontic care. Printing technologies provide the capability to evolve our current dental devices, allowing the fabrication of complex geometries or multilayer restorations with varying mechanical properties. We are in a new manufacturing chapter, where we need to break the chain acquired through previous methods, if we want to embrace the gains of the printing methods, we need to think more than copying our current processes, we need to think beyond than pressing a button.

Learning Objectives:

- Exposition of the current situation of additive manufacturing in the world of CAD/CAM technology.
- Revise the main steps of the manufacturing workflow of additive fabrication methods, including the current evidence based in printed dental devices
- Review the latest clinical applications of 3D printing in prosthodontics in which additive manufacturing provides a competitive advantage compared with our current fabricating methods

Curriculum Vitae:

Dr. Revilla-León obtained her PhD in Prosthodontics and Digital Dentistry at The Academisch Centrum Tandheelkunde (ACTA) University in Amsterdam. She obtained her MSD in prosthodontics at the University of Washington in Seattle and MS in Esthetic Dentistry at the Complutense University of Madrid.

Dr. Revilla-León is the Director of Research and Digital Dentistry at the Kois Center in Seattle and Affiliate Faculty in the Graduate in Prosthodontic Programs at the University of Washington, Seattle and Tufts University, Boston.

Dr. Revilla-León is specialist in digital dentistry with more than 100 publications in peer-reviewed dental journals in the last 4 years related with facial and intraoral scanning methods, digital implant scans with photogrammetry systems, virtual patient integration, polymer, metal, and ceramic additive manufacturing technologies, and artificial intelligence for dental applications.



ANNUAL
ACADEMY
LUNCHEON
CHICAGO BALLROOM
5th Floor

Friday, February 24, 2023

2023 STANLEY D. TYLMAN RESEARCH AWARDS*
DR. HAI ZHANG, CHAIR, TYLMAN RESEARCH COMMITTEE

FIRST PLACE AWARD

DR. BRANDON YEAGER

THE OHIO STATE UNIVERSITY COLLEGE OF DENTISTRY
RESEARCH ADVISOR: DR. FENGYUN ZHENG

SECOND PLACE AWARD

DR. ANDRÉA G. AUDET

UNIVERSITY OF WASHINGTON SCHOOL OF DENTISTRY
RESEARCH ADVISOR: DR. JOHN SORENSEN

THIRD PLACE AWARD

DR. TINTU SARA CHANDY

UNIVERSITY OF MARYLAND SCHOOL OF DENTISTRY
RESEARCH ADVISOR: DR. RADI MASRI

CLAUDE R. BAKER FACULTY AWARD

DR. JUDY YUAN, CHAIR BAKER AWARD COMMITTEE

DR. JONATHAN ESQUIVEL

2023 RECIPIENT

GARVER-STAFFANOU PROSTHODONTIC PROGRAM

PROGRAM DIRECTOR'S AWARD FOR EXCELLENCE

DR. GILLIAN ALEXANDER HAZBOUN, CHAIR,
GARVER-STAFFANOU AWARD COMMITTEE

DR. KENT KNOERNSCHILD

2023 RECIPIENT

GEORGE H. MOULTON AWARD OUTSTANDING ACHIEVEMENT

IN THE ART AND SCIENCE OF FIXED PROSTHODONTICS

DR. MARTIN LAND, CHAIR, GEORGE H. MOULTON AWARD COMMITTEE

DR. JACK LIPKIN

2023 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. Mohamed Fayad

Cracking the cracked teeth code utilizing CBCT imaging: A new perspective on diagnosis, CBCT imaging, treatment strategies, and outcomes

Friday, February 24, 2023 | 2:00 p.m.

Synopsis:

A lack of consensus exists among dentists and endodontists in cracked teeth. Accurate clinical evaluation, imaging and diagnosis is paramount to properly treatment planning cracked teeth. With the resurgence of the philosophy of saving compromised teeth over extraction, and our patients' desire to save their teeth, the question remains: "Which cracked teeth should be treated and which cracked teeth should be extracted?" Applying the current understanding of the ultrastructure of teeth in conjunction with modern diagnostic technologies, materials, adhesive techniques, and restorative approaches, dentists can now use minimally invasive biomimetic techniques to provide restorations that come close to functionally and biomechanically mimicking the original, healthy state of a tooth. This presentation will focus on how CBCT technology and a new imaging software e-VOLDX has provided clinicians with a different understanding of the dynamics of dental disease as well as healing. Based on the information provided from CBCT volumes, changes in treatment protocols and armamentarium will be presented. This evidence-based presentation will address the classification and diagnosis of different types of cracks and the role of CBCT imaging in these cases, as well as the prognosis and changes in treatment protocols and outcomes of cracked teeth.

Learning Objectives:

- Understand the different types and prognosis of longitudinal tooth fractures.
- Understand the role of CBCT imaging in identifying cracked tooth types, extent of the fractures, and early bone pattern changes associated with cracked teeth.
- Understand prognosis and outcomes studies related to treatment and management of cracked teeth and vertical root fractures.
- Applying the current understanding of the ultrastructure of teeth in conjunction with modern diagnostic technologies, materials, adhesive techniques, and restorative approaches for restoration of cracked teeth.

Curriculum Vitae:

Dr. Fayad received his DDS in 1985 from the College of Dentistry, Cairo University and his Masters in Oral Sciences in 1994 from the University of Buffalo at New York. He received his PhD in 1996 as a joint supervision between University of Buffalo at New York and Cairo University. He received his Endodontic training at the college of Dentistry at UIC. Currently he is the director of endodontic research, and a clinical associate professor in the Endodontic department at College of Dentistry at UIC. He currently serves on the Scientific Advisory and Manuscript Review Panels of the Journal of Endodontics, and Evidence Based Endodontics Journal. He served on the AAE Research and Scientific Affairs Committee and co-chaired AAE/AAOMR committee drafting the joint position statement on CBCT (2015). He has numerous publications and chapters in peer reviewed journals and textbooks (Pathways of the pulp, Contemporary surgical Endodontics, and Endodontics Principles and Practice). He is the co-editor of the CBCT text book (3-D Imaging in Endodontics: A new Era in diagnosis and treatment) by Springer (2016). He is a recipient of the Calvin D. Torneck Part-Time Educator Award for 2022 by the American Association of Endodontists. He is a Diplomate of the American Board of Endodontics and gave numerous presentations nationally and internationally.



Dr. Susanne Scherrer

Zirconia connector failures: lessons to learn

Friday, February 24, 2023 | 2:45 p.m.

Synopsis:

Early failures due to fracture of fixed dental prosthesis made of “monolithic” zirconia have to be critically analyzed. The recovered broken parts can inform the practitioner and the laboratories about the cause of failure and alert them to the critical design parameters and surface treatment to address to ensure future success. This presentation will follow through an investigation of a series of actual clinical cases examining the retrieved fractured portions of “monolithic” zirconia FPD using the scientific tool of fractographic failure analysis. These cases will highlight issues related to zirconia material science, lab processing, design, surface treatment and the important lessons that can be learned from such premature fractures.

Learning Objectives:

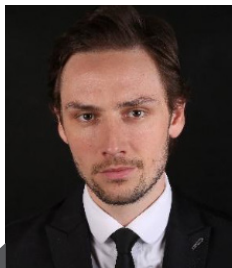
- To gain understanding in the key differences in the properties between a 3Y stabilized zirconia and the more translucent zirconia materials available for monolithic FDP
- To provide insights from fractographic analysis of early failures of FPD
- Discuss the indications / limitations of zirconia-based restorations

Curriculum Vitae:

Professor Susanne Scherrer received her D.D.S (1984), her doctorate (1986) and her Privat Dozent (2003) from the University Clinics of Dental Medicine, University of Geneva, Switzerland.

She is Full Professor in the Division of Fixed Prosthodontics-Biomaterials, Head of Biomaterials and Head of Continuing Education. Prof. Scherrer is the current President of the University Clinics of Dental Medicine (2022-2025). She is a Fellow of the Academy of Dental Materials and of the Academy of Prosthodontics. She has served as President of the Academy of Dental Materials (2002-2004) and President of the Dental Materials Group of the IADR (2001-2002). In 2014 she was awarded the IADR-Distinguished Scientist Wilmer Souder Award from the IADR-Dental Materials Group.

Her primary area of research and publishing involves dental ceramics, mechanical properties, clinical longitudinal trials and failure analysis using fractography. She has worked as a general practitioner from 1984 until 2015 in extramural family private practices half of her time. She currently serves on the Editorial Boards of the JADA Foundation Science, the JDR and the Swiss Dental Journal.



Dr. Gustavo Giordani

Digital interdisciplinary treatment--How to combine biology with technology to achieve predictability in the esthetic zone

Friday, February 24, 2023 | 4:15 p.m.

Synopsis:

In this new world that we live in, joining specialties combined with fast procedures has become something fundamental for the success of aesthetic rehabilitation. When we are faced with an interdisciplinary case involving cosmetic surgery, the use of digital planning for a correct and fast guided execution, combined with prosthetic rehabilitation, offers the patient and staff a more predictable, quick and less invasive treatment, seeking dentistry planned and non-reactive results.

During the presentation, we will show how to work with a fast and predictable digital workflow combining implants, surgical periodontics and aesthetic rehabilitation.

Learning Objectives:

- Guided surgery
- Digital workflow for interdisciplinary treatments
- Implants in aesthetic zone
- Soft tissue grafts around implants
- Provisional restorations and final abutment design

Curriculum Vitae:

Dr. Giordani was a postgraduate resident in Oral and Maxillofacial Surgery, Implantology and Periodontology. He served a Fellowship International on Implants and perio-plastic surgery in Antwerp, Belgium.



Dr. Martijn Moolenaar

Combining the analog and the digital technologies in comprehensive complete mouth rehabilitation

Saturday, February 25, 2023 | 8:00 a.m.

Synopsis:

For successful comprehensive dentistry, the planning of the case and precise execution is very important. The digitalization process in prosthetic dentistry has introduced new opportunities which can help to solve current clinical and dental laboratory challenges.

As many of the digital techniques are already available in clinical practice and laboratory it is of great importance to evaluate the advantages and disadvantages of these techniques/processes.

Hence, the aim of this lecture is to discuss and compare CAD/CAM in prosthetic dentistry from start to finish with the conventional workflow, through the eyes of a clinician.

Learning Objectives:

- Guided surgery
- Digital workflow for interdisciplinary treatments
- Implants in aesthetic zone
- Soft tissue grafts around implants
- Provisional restorations and final abutment design

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. Next to that he was board member of the Dutch Academy for Restorative Dentistry (NVVRT) from 2008-2018. In 2011 he became an EPA board certified specialist in prosthodontics. Since October 2014 he became 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 aesthetically 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. This post graduate programme in prosthodontics is part of the new differentiation to restorative dentist, which has been endorsed by the NVVRT.



Dr. Kostas Chochlidakis

Management of challenging cases in implant prosthodontics.

Saturday, February 25, 2023 | 8:45 a.m.

Synopsis:

Nowadays we are treating many patients with more complex situations than before. We have many terminal dentition patients that require significant number of dental procedures until the completion of the treatment. Analog and digital workflows can be used to treat these patients. In this presentation, we will go through analog, combination of analog and digital as well as fully-digital workflows of treating patients with terminal dentition and completely edentulous patients. This presentation will also discuss the prosthetic and biological complications that affect the success of our treatment and negatively affect the longevity of these prostheses. Clinical recommendations and conclusions will be drawn for predictable long-term outcomes.

Learning Objectives:

- Guided surgery
- Digital workflow for interdisciplinary treatments
- Implants in aesthetic zone
- Soft tissue grafts around implants
- Provisional restorations and final abutment design

Curriculum Vitae:

Dr. Konstantinos Chochlidakis received his dental degree from University of Athens, Greece in 2008 and completed his prosthodontic residency at Eastman Institute for Oral (EIOH) in 2013. He then joined Kornberg School of Dentistry, Temple University, as a full-time Assistant Professor and Co-Director of Clinical Fixed Prosthodontics. Dr. Chochlidakis is currently an Associate Professor and the Program Director of the Prosthodontic Postgraduate Training Program at EIOH. Dr Chochlidakis received his Master of Clinical and Translational Science certificate in May 2019. He is a Diplomate of the American Board of Prosthodontists, Fellow of the American College of Prosthodontists, Associate Fellow of the Academy of Prosthodontics, Fellow of the International Team for Implantology and holds several memberships in other dental organizations. He was the vice-Chair of the American College of Prosthodontists (ACP) 2019 annual meeting and the scientific Program Chair of the American Prosthodontic Society (APS) in the 2022 annual meeting. He is focused on clinical research conducting clinical trials on full-arch implant prostheses, digital dental technology, and dental ceramic materials. He has lectured nationally and internationally on several topics related to clinical prosthodontics and implant dentistry.



Mr. Aki Yoshida

Smile makeover for your patients -
communication for esthetic results

Saturday, February 25, 2023 | 10:30 a.m.

Synopsis:

As the importance of the esthetic outcome in restorative dentistry increases, the establishment of an improved interdisciplinary communication system is becoming more essential than ever. To ensure a highly esthetic and successful restorative result, it is imperative that key elements of a case be thoroughly and effectively communicated amongst the dentist, patient, and technician. This lecture will explain how to efficiently utilizing digital technology and combine analog technique to make best possible result.

Learning Objectives:

- Understand the importance of room lighting conditions during the shade taking and color
- How to set the camera to get the most accurate color and exposure
- How to select of the best material for each case based on the color reproduction.

Curriculum Vitae:

Aki Yoshida is Master Ceramist with many years of experience in all aspects of Dental Technology. His passion and the talent that brings to the industry has been widely recognized. Aki is owner-operator of Gnathos Dental Studio in Weston, Massachusetts USA. The laboratory, originally founded by Dr. Lloyd L. Miller, is an innovative, quality driven dental lab consistently producing the highest level of dental restorations. Aki graduated from the Dental Technician School of Nihon University in Tokyo Japan. He is Fellow member of the AAED (American Academy of Esthetic Dentistry). Also, he is currently president of SCAD (Society for Color and Appearance in Dentistry) 2019~2021. He also instructor for Kuraray Noritake Dental Supply. Aki has presented numerous hands-on courses and lectures throughout the United States, South America, Europe and Asia.



Dr. Frank Celenza JR.

The use of aligners in comprehensive dentistry

Saturday, February 25, 2023 | 11:15 a.m.

Synopsis:

Certain orthodontic movements are utilized for their beneficial impact upon the periodontium. These movements include forced eruption, molar uprighting, embrasure management, root torqueing, and implant interactions. Historically, these movements were accomplished primarily by employing fixed appliance mechanotherapy. However, the advent and development of aligner therapy has developed to a level of sophistication that now allows these movements to be accomplished utilizing removable aligner techniques. This presentation will delineate the philosophy behind these movements, the periodontal benefit, and display clinical cases that illustrate these methods.

Learning Objectives:

- Participants will develop an appreciation for the periodontal aspects of certain tooth movements
- Participants will develop an appreciation for physiology of tooth movement
- Participants will gain an understanding of aligner mechanotherapy
- Participants will gain an exposure to interdisciplinary management of clinical situations

Curriculum Vitae:

Dr Frank Celenza is a second generation dentist. His father, by the same name, was an internationally acclaimed teacher, author and speaker in the field of Prosthodontics. Dr. Celenza Jr. is uniquely dual-certified in the specialties of both Orthodontics and Periodontics, a very unusual and distinctive set of credentials.

This dual specialty uniquely positions him to a deeper appreciation and understanding of the adult dentition, from treatment planning right through to treatment execution. He has been involved in Post-Graduate teaching for over 20 years at institutions such as New York University, and currently a Rutgers, NJ. He is widely published in the dental literature and has written six textbook chapters. He is an acclaimed speaker at major dental conferences both domestically and internationally. Dr. Celenza has pioneered techniques and innovations in his field and his work combining implant dentistry with orthodontics was ground-breaking. Outside of dentistry, Dr. Celenza is passionate about Motor Sports (a 2011 and 2012 National Champion), Cycling and Bass Guitar. He was raised on Long Island, NY, currently resides in New Jersey and has 3 children. Dr. Celenza has offices in New York City, and Westchester County, NY.



Dr. Pat Allen

Applying the Tunnel Technique to Soft Tissue Defects at Implant Sites

Saturday, February 25, 2023 | 1:30 p.m.

Synopsis:

Soft tissue grafting has evolved from effective but invasive techniques to current minimally invasive, patient-friendly tunnel procedures. Palatal donor tissue and vertical incisions are no longer necessary for root coverage grafting, resulting in not only a better postoperative course, but also greater root coverage and better esthetics. Now, similar techniques can be applied to treat some soft tissue deficiencies at implant sites, avoiding more complex “start-over procedures.” Surgical technique and indications for treatment will be illustrated with case examples.

Learning Objectives:

- Describe how the tunnel technique can be used in sites with minimal keratinized tissue, aberrant frenal attachment, and shallow vestibule.
- Describe the indications for use of an allograft in the tunnel technique for soft tissue grafting at implant sites.
- List the special pre-surgical and surgical considerations unique to soft tissue problems involving implants.
- List the limitations of the tunnel technique at implant sites.

Curriculum Vitae:

Dr. Allen has served as President of the American Academy of Esthetic Dentistry, the American Academy of Restorative Dentistry and the American Academy of Periodontology Foundation. He is the recipient of the Master Clinician Award from the American Academy of Periodontology, the President’s Award for Excellence in Dental Education from the American Academy of Esthetic Dentistry, and the Saul Schluger Award for Excellence in Diagnosis and Treatment Planning. In 2019, he was honored with the AAP Gold Medal Award, the highest award bestowed by the Academy. Currently, he serves on the Editorial Boards of the Journal of Esthetic and Restorative Dentistry, the Journal of Periodontology and the International Journal of Periodontics and Restorative Dentistry. Dr. Allen is founder of the Center for Advanced Dental Education in Dallas, an educational facility where he teaches surgical technique courses. He has over 100 publications and has presented numerous lectures and surgical demonstrations worldwide.



Dr. Bobby Birdi

Avoiding implant challenges by harnessing perio-prosthetic principles

Saturday, February 25, 2023 | 2:15 p.m.

Synopsis:

Implant therapy has become mainstream in all of our practices. Executing complex implant therapy with long-term success requires the need for knowledge in both surgical and prosthetic modalities. This presentation will address key points to address and understand when undertaking complex implant treatment, with specific emphasis on perio-prosthetic synergistic principles. Avoiding long-term implant complications is the key to continued implant success. We must begin with the end in mind, but also understand what we must look for when beginning, completing, and maintaining our implant reconstructions.

Learning Objectives:

- Understanding implant positioning and treatment planning in the anterior zone
- Understanding the benefits and limitations of immediate implant placement
- Learning the benefits of sequencing, and timing of implant restoration
- Assessing the gingival architecture and biotype prior to implant therapy
- Understanding the benefits of blood biologics in implant therapy & grafting

Curriculum Vitae:

Dr. Birdi received his dental degree from the University of Saskatchewan and his post-graduate specialty training in both periodontics and prosthodontics from the University of Minnesota. He is a Fellow and previous Examiner for the Royal College of Dentists of Canada and a Diplomate of both the American Board of Periodontology and the American Board of Prosthodontics.

Dr. Birdi is one of the very few board certified dual specialists in periodontics and prosthodontics in North America, and the first and only specialist in the world to attain board certification in these two specialties in both the USA and Canada.

Dr. Birdi is the co-founder of the Digital Dentistry Institute which is a global learning organization for his fellow dentists, and one of the largest dental educational organizations in Canada. He is also founder of the BC Perio Dental Health & Implant Centres in Vancouver which is one of the largest and most technologically advanced multi-specialty dental centers in Canada.



Dr. Nathaniel Lawson

Adhesive cementation of indirect restorations - current status

Saturday, February 25, 2023 | 3:30 p.m.

Synopsis:

The ability to bond dental ceramics allows the practitioner to perform more conservative tooth preparations. As there are many different types of dental ceramics available (zirconia, lithium disilicate, porcelain, processed composite, etc), determining the correct protocol for each type of ceramic can be confusing. This lecture aims to simplify the process of bonding ceramics and provide the clinician with a protocol that can be used to bond any type of dental ceramic. Each detail of the bonding procedure is based on research performed at the UAB School of Dentistry.

Learning Objectives:

- Review the indications for bonding dental ceramics
- Classify dental ceramics based on their appropriate bonding protocol
- Describe the available methods to clean ceramics prior to bonding
- Present a protocol for preparing the surface of ceramic crowns (ie etching or sandblasting)
- Review the primers used on ceramic restorations
- Classify the types of cements used for adhesive bonding

Curriculum Vitae:

Nathaniel Lawson DMD PhD is the Director of the Division of Biomaterials at the University of Alabama at Birmingham School of Dentistry and the program director of the Biomaterials residency program. He graduated from UAB School of Dentistry in 2011 and obtained his PhD in Biomedical Engineering in 2012. He has served as an investigator on over 75 clinical and laboratory research grants, and published over 200 peer reviewed articles, book chapters, and research abstracts. His research interests are the mechanical, optical, and biologic properties of dental materials and clinical evaluation of new dental materials. He was the 2016 recipient of the Stanford New Investigator Award and the 2017 3M Innovative Research Fellowship both from the American Dental Association. He serves on the American Dental Association Council of Scientific Affairs and is on the editorial board of The Journal of Adhesive Dentistry and Compendium. He has lectured nationally and internationally on the subject of dental materials. He also works as a general dentist in the UAB Faculty Practice.



Dr. Kenneth Malament

An advanced perspective on Lithium Disilicate restorations in age of Zirconia

RESERVE SPEAKER

Synopsis: To come

Learning Objectives: To come

Curriculum Vitae:

Dr. Malament received his D.D.S. from N.Y.U. College of Dentistry and a specialty certificate and Master's degree from Boston University School of Graduate Dentistry. He is a Past President of and Diplomate of the American Board of Prosthodontics. In Boston, Dr. Malament has a full-time practice that includes a dental laboratory with Master Dental Technologists.

He is a Clinical Professor at Tufts University in postgraduate prosthodontics. Dr. Malament is a Past President of the American Academy of Esthetic Dentistry, Academy of Prosthodontics, Greater New York Academy of Prosthodontics, Northeastern Prosthodontic Society and American Academy of Dental Science and served as the Secretary of the American College of Prosthodontists and Secretary-Treasurer of International College of Prosthodontists. Dr. Malament is an active member of active member of the American Academy of Fixed Prosthodontics and Academy of Osseointegration.

He was on the research and development teams for two different wellknown ceramic products and developed instrumentation used in clinical practice. He has been a consultant to three journals and has published in the dental literature in the areas of all-ceramic survival statistics, fixed and implant prosthodontics, risk analysis, occlusion, material science and periodontics.

Dr. Malament has been awarded the Research Award from the Greater New York Academy of Prosthodontics in 1977, the 2002 American College of Prosthodontists Clinician / Researcher Award, the 2003 American College of Prosthodontists Daniel Gordon Achievement Award, the 2006 George H. Moulton Award for Achievement from the American Academy of Fixed Prosthodontics, the 2009 American College of Prosthodontists Distinguished Lecturer Award, the 2015 Greater New York Academy of Prosthodontic Distinguished Lecturer Award and the 2016 American College of Prosthodontists Educator of the Year Award, Dr. Malament has been awarded the Schweitzer Award from the Greater New York Academy of Prosthodontics in 2022.

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DR. MARIAM MALAMENT

DR. RADI MASRI

DR. BRADLEY PURCELL

DR. IRENA SAILER

RESERVE SPEAKERS

DR. CARL DRISCOLL

DR. MARK LUDLOW

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