

Academy of Operative Dentistry

2022 Annual Meeting Program



Dr. Kyle Schulz

President's Message

Welcome to the 50th annual meeting of the Academy of Operative Dentistry (AOD), the Golden Anniversary of this great institution of education and learning. I am excited that you are here in Chicago and that we can meet once again “live and in person.” On behalf of the executive councilors, officers, and the membership of the AOD, we are so glad that you joined us for this incredible event.

I am very excited to share with you the program that president elect Dr. Yana Nedvetsky has prepared with world-class Essayists presenting a myriad of topics with a focus on the latest evidence-based scientific research and clinical techniques. The projected Table Clinic Program that vice-president Jim Smith has orchestrated will further enhance the relevance of the meeting and involves our students and military members. Dr. Nedvetsky and Dr. Smith have worked tirelessly over the past two years on the assembling these exceptional speakers and clinicians. I know that we have two fabulous days of learning, comradery and information that can be used as soon as we return to our practices and institutions.

The Academy of Operative Dentistry was founded in 1972 by members of the Academy of Gold Foil Operators. They saw the need for an organization devoted to the operative dentist. After all, operative dentistry is “everyday” dentistry for most dentists. “The purpose of the Academy of Operative Dentistry is to promote excellence in operative dentistry by influencing the practice of the health professions in organized dentistry, while promoting education, research, prevention and management of oral diseases to achieve optimal oral health.” In the last 50 years the Academy has lived by these guiding values. The Academy of Operative Dentistry is proud to be associated with the Academy of R. V. Tucker Study Clubs, a group of dentists that focuses on clinical excellence, particularly in the arena of cast and direct gold restorations.

The American Board of Operative Dentistry, Inc. was created in 1980 by the Academy of Operative Dentistry to elevate the science and practice of Operative Dentistry by conducting examinations to determine the proficiency of dentists who voluntarily apply to the Board for Certification. The AOD has a proud history, steeped in tradition.

How does the membership of the AOD envision the next 50 years of the Academy of Operative Dentistry? Are virtual meetings the way of the future? Many believe that in-person meetings have no future. They are too expensive to produce, they are inconvenient requiring time away from the office with low return on investment of time and effort, a relic of the past. I do not believe this to be true. The human element is incalculable when entering a discussion about in-person versus virtual meetings. A computer screen cannot foster the kind of relationships necessary to sustain an Academy of this caliber and the comradery that is produced. We all process information differently, but human interaction is paramount to bring the information to use in everyday life. Most of our journeys as professionals were shaped by close interactions with our mentors, teachers, and colleagues. Sidebar conversations, the ability to ask clinically relevant questions to the expert in the field are priceless. Just being together with like-minded professionals gives us affirmation that we are in the right place to grow in our chosen profession. That professional interaction is the embodiment of the AOD.

If this meeting is your first, or thirtieth like me, reach out and get to know everyone that you can at this meeting. You will meet some amazing people and develop some life-long friendships that will make your professional journey memorable and special.

I am proud and honored to have served this esteemed academy over the last two years. I am grateful for the honor of serving you. Thank you, for taking the time and effort to participate in the Academy of Operative Dentistry's 50th celebration. Enjoy the meeting!

Sincerely,


Kyle S Schulz, DDS
President AOD

Daily Program

Tuesday Feb 22, 2022

Time	Event/Location	Page
10:00-Noon	Preconference Meeting Park Room—Mezzanine Level	

Wednesday Feb 23, 2022

Time	Event/Location	Page
7:00 AM-9:00 PM	Impromptu Meeting Room Superior Room—Mezzanine Level	
7:30-8:45 AM	Operative Dentistry Executive Board Georgian Room—Mezzanine Level	
9:00-11:55 AM	AOD Executive Council Georgian Room—Mezzanine Level	
9:30-11:30AM	ABOD Executive Council Florentine Room—Mezzanine Level	
Noon-2:00 PM	ABOD Luncheon/Annual Meeting Venetian Room—Mezzanine Level	
2:00-3:00 PM	Scientific Session Committee Meeting Ontario Room—Mezzanine Level	
2:00-4:00 PM	CAMBRA Parkside Room—Mezzanine Level	7
2:00-5:00 PM	AAGFO Executive Council Astor Room—Mezzanine Level	
2:30-4:30 PM	Registration Marquette Room	
3:00-4:00 PM	Communications and Membership Meeting Ontario Room—Mezzanine Level	
3:00-5:00 PM	Strategic Planning Committee Meeting Florentine Room—Mezzanine Level	
3:00-8:00 PM	Hospitality Suite Buckingham Suite—Room 950	
3:30-5:00 PM	Journal Reviewer Board Meeting Michigan Room—Mezzanine Level	
4:00-6:00 PM	Founders Fund Trustees Meeting Ontario Room—Mezzanine Level	
4:00-6:00 PM	Research Committee Meeting Huron Room—Mezzanine Level	
5:00-9:00 PM	ARVTSC Executive Council Georgian Room—Mezzanine Level	

Daily Program

All presentations are in the Grand Ballroom unless otherwise noted

Thursday Feb 24, 2022

Time	Event/Location	Page
7:00-8:00 AM	New Member Breakfast (Private Event—by invitation) Venetian Room—Mezzanine Level	
7:00-8:20 AM	Opening Session Reception French Room—Lobby Level	
7:00-4:30 PM	Registration Marquette Room	6
7:00 AM-8:15 PM	Impromptu Meeting Room Superior Room—Mezzanine Level	
8:15-10:30AM	<i>Bonding and Cementation</i> Dr. Lee Ann Brady	10
10:30-10:45 AM	Break French Room—Lobby Level	11
10:45 AM-Noon	<i>Does Age Cause Tooth Wear?</i> Dr. David Bartlett	12
Noon-1:45 PM	Lunch/Hollenback Prize Gold Coast Room—Lobby Level	13
1:45-3:00 PM	<i>Optimization of Single-unit Implant Therapy Leveraging Digital Technologies</i> Drs. Christopher Barwacz & Gustavo Avila Ortiz	14
3:00-4:15 PM	<i>Cracking the Cracked Teeth Code Utilizing CBCT Imaging: A New Perspective on Diagnosis, CBCT Imaging, Treatment Strategies, and Outcomes</i> Dr. Mohamed I Fayad	16
4:15-5:30 PM	<i>Surgically Facilitated Orthodontic Therapy (SFOT): An Interdisciplinary Approach</i> Dr. George A Mandelaris	18
5:00-6:30 PM	Hospitality Suite Buckingham Suite—Room 950	
5:30-6:30 PM	C.O.D.E. Meeting Parkside Room—Mezzanine Level	20
6:30-7:00 PM	Pre-Gala Cocktail Reception Drake Room—Lobby Level	21
7:00-9:00 PM	President's Gala Reception Drake Room—Lobby Level	21

Daily Program

All presentations are in the Grand Ballroom unless otherwise noted

Friday Feb 25, 2022

Time	Event/Location	Page
7:00-8:00 AM	Breakfast (Business Mtg. begins at 7:40 AM) Gold Coast Room—Lobby Level	
7:00 AM-5:00 PM	Impromptu Meeting room Superior Room—Mezzanine Level	
8:25 AM-4:30 PM	Registration Marquette Room—Lobby Level	6
8:15-9:30 AM	<i>Caries Management: The Heart and Soul of Operative Dentistry</i> Dr. Sandra Guzman-Armstrong	22
9:30-10:45 AM	<i>Clinical Practice Guidelines in Dentistry</i> Dr. Elliot Abt	24
10:45 AM-Noon	<i>Lessons Learned in Over 50 Years of Restorative Dentistry</i> Dr. Terry Donovan	26
Stand-by Clinician	<i>Current Concepts for Restoring Dental Implants</i> Dr. Timothy A Hess	28
Noon-1:30 PM	Lunch/Award of Excellence Gold Coast Room—Lobby Level	27
1:00-1:45 PM	Projected Clinicians Setup Walton and Grand Ballroom—Lobby Level	
1:45-4:45 PM	Projected Clinics Walton and Grand Ballroom—Lobby Level	38-49
4:30-6:30 PM	Hospitality Suite Buckingham Suite—Room 950	

The French room will host our corporate sponsors and exhibits from 7:00 AM—5:00 PM. Take some time to go see what is new and to thank our sponsors for their generosity and support.

CE Card Submission Policy

After extensive dialog and years of following the submission habits and trends of participants, please be aware that if CE cards are turned in/submitted before the end of the corresponding course/event, the submitting participant will not be eligible to receive CE credit for that course/event. The decision of the CE Administrative Authority in this matter is final in all cases.

Event Registration and Costs:

Registration forms are available at www.academyofoperativedentistry.com.

The 2022 Annual Meeting of the Academy of Operative Dentistry will take place in Chicago, IL. on February 23-25, 2022 at the Drake Hotel.

We welcome all who are interested in Operative/Restorative Dentistry to participate with us.

The cost for this annual meeting will be:

- \$900.00 for Academy Members, Affiliate Members, or Technicians and Auxiliaries employed by Members
- \$1300.00 for Professional Non-Member Guests, Technicians and/or Auxiliaries
- \$500.00 for Student Members of the Academy,
- \$600.00 for Non-member Students.

There will be an additional \$100.00 charged on all fees above for registrations submitted after 31 January 2022, and an additional \$100 charged for at-the-door registrations.

The registration money pays for access to all essays, projected clinics, the business breakfast, two lunches, coffee break refreshments and the gala evening reception with hors d'oeuvres.

For questions regarding any aspect of this program, its costs or policies of the AOD, please contact Dr. Richard G Stevenson III at support@academyofoperativedentistry.com.

Registration:

Marquette Room
Lobby Level

Pre-registered members and guests may pick -up registration packets at the "PRE-REGISTERED GUESTS" desk.

Members and guests who have NOT pre-registered will please register in the same room but at the area identified by signs as, "ON-SITE REGISTRATION".

Cancellation Policy:

Full refunds will be issued if cancelled before 31 January 2022; 1/2 refunds until 16 February 2022, none thereafter.

Central CaMBRA

Caries Management by Risk Assessment (CaMBRA) is an evidence-based approach that has proven to be effective in prevention and management of dental caries. All educational dental institutions worldwide are spending time and effort in teaching this philosophy to the new generation of dentists.

A series of organized meetings have been conducted with a broad representation of dental schools in three different regions in the nation: Eastern CaMBRA in New York, Western CaMBRA in San Francisco and Central CaMBRA in Chicago. Every year different topics related to the practice of CaMBRA are inter-actively discussed during these regional meetings.

Central CaMBRA is held under the Academy of Operative Dentistry Annual Meeting. This meeting attracts academicians, researchers, and clinicians who discuss the best available evidence and shared experiences in applying this philosophy in their different settings.

Please join us for a stimulating discussion on Wednesday February 23, 2022, from 2 to 4 PM in the Parkside Room – Mezzanine Level.

We welcome your interest and access to the meeting is free.

Save the Dates

February 22-24, '23 / February 21-23, '24 / February 19-21, '25

Please join us again, and invite your colleagues to join us for our next annual meetings. We hope you feel your time with us was well spent! Have a colleague you would like to invite to next year's meeting? Please use the business card on the back cover and we will send them a formal invite in your name!

NOTE: All dates are Wednesday through Friday and in all cases precede the American Academy of Restorative Dentistry Annual Meeting.

How did we Do?

Please use the comment card in the back cover pocket to let us know what we did right, what we did almost right, and what you really wish we would have done right.

Your comments help us to craft a program that interests, engages, and acknowledges the professional in you.

The card is anonymous and can be deposited into any CE deposit box at any time during the meetings.

Thank you!

-The Officers of AOD & the CE Administrative Authority.

Housekeeping:

COVID 19 Precautions:

Every effort is being made to follow the CDC and local ordinance with respect to Covid 19 protection measures. Effective January 3, the City of Chicago is requiring that any individual age 5 and older will be required to show proof of vaccination to dine indoors, visit gyms, or enjoy entertainment venues where food or drink are being served. The AOD annual meeting fits the description of a "commercial event where food and drink are being served", therefore at this point in time we will be requiring proof of vaccination at the registration desk. All meeting registrants will be notified via email if and when any of the City's policies change before or during the meeting.

The Academy reserves the right to present some of the sessions via videoconference technology. It may be necessary for some presenters to connect with our meeting via videoconference due to travel or health restrictions in place at the time of the meetings.

CE Instructions:

In our constant efforts to provide the highest quality Continuing Education experience, we are hoping to transition to a new method of recording attendance and survey information from participants.

In the back of this program you will find loose CE attendance/Survey forms. They are formatted to act similar to Scantron™ forms. You will be required upon check-in to provide a working email address, and you will be assigned a participant number. That 3 digit number appears on your ID tag. Using that number on each of your course submissions, you will mark your desired questionnaire answers and then deposit the form in the provided collection boxes. We ask that if you score anything with a "3" or lower, that you take a moment to detail why on the back of the card. The AOD Executive Board and each presenter will receive an anonymized report of the results. This report helps the academy and presenters to continually hone their offerings for the benefit of the dental community.

The intention is that this new format will allow us to provide each participant with same day award of CE units. If the technology fails for some reason, the CE verification forms will go out as they have in the past, a week or two after the conference.

Any questions about the administration of the CE at this meeting can be directed to Kevin Matis, the CE Administrative Authority for The Academy of Operative Dentistry. He can usually be found at the Operative Dentistry journal's table in or near the French Room.

Personal Objectives

You Always “Get” What You “Put In”

This meeting has been organized to help provide the highest quality Continuing Education to those who practice in the operative dentistry field. While each presentation has been vetted by the Continuing Education oversight committee to be professionally fulfilling, it is equally important that, within the framework of the offerings we have available, you can meet personal objectives that you may have.

In this year’s program, we will be giving you space next to each title page to write down some of your personal objectives you might have for each presentation.

For example, You may decide that for a Zirconia lecture your personal objectives will be: to understand how zirconia fits into my practice, or to understand the advantages and disadvantages of zirconia, or how do I bond Zirconia?

For a Digital Workflow presentation your objectives may be: to know how long the learning curve is to understand the digital workflow, how can I introduce it to my practice, or even what happens when the unit breaks once it’s use is relied upon?

For a Composites lecture you may want to know: how does one overcome the thickness of teeth?, how is the ability to clean interproximally affected?, or what is the best procedure to bond the shell to the composite?

These personal objectives for taking a course may or may not be answered, but taking a moment to craft these objectives will help you to focus on the message more clearly, and make each presentation more interesting to you. It will also assist you in choosing more fulfilling and interesting continuing education options in the future.

Essay Program

Grand Ballroom

*Bonding
and
Cementation***Dr. Lee Ann Brady**

Bonding and cementation materials and techniques are constantly evolving. It is a challenge of every practice to differentiate between the products on the market, and know which to choose to ensure predictable results. This program will present the history and current science behind dentin adhesives, bonding systems and cementation. The lecture will compare the current etching techniques and distinguish the risks and benefits of each. The presentation will present a systematic approach to evaluating the different generations of dentin adhesives, and compare the clinical and research data of each. This lecture will clarify how to decrease post-operative sensitivity and increase success of your adhesive dentistry.

Learning Objectives:

- Understand different generations of dentin adhesives, composites and their application
- Understand cementation materials and protocols
- Apply light and dual cure bonding techniques in your practice

Dr. Lee Ann Brady is a privately practicing dentist and nationally recognized educator, lecturer and author. With an extensive history in leadership, she is currently Executive Director and Director of Education of the Pankey Institute. Dr. Brady has also developed a vast library of online instruction at leeannbrady.com and restorativenation.com. She practices in Glendale Arizona, is a member of the editorial board for the Journal of Cosmetic Dentistry, Inside Dentistry and Dentaltown Magazine. The full cv is available by request from the CE Administrative Authority for this meeting

Operative Dentistry, Inc. designates this activity for 1.25 continuing education credit(s). Dr. Brady reports no proprietary, financial or other personal interest of any nature or kind in any product, service and or company that will be presented, EXCEPT FOR THE FOLLOWING: Dr Brady reports that she is a consultant for the Pankey Institute.

Notes on:

Bonding & Cementation

Personal Objectives I have for this course:

Thursday - 24 FEB 2022

10:30-10:45 AM

Morning Refreshment Break

A Coffee and Tea service will be available in the French Room.
The service will be available during the listed times only.

*Take advantage of this time to fill-in and turn-in any
completed continuing education cards!*

Essay Program

Grand Ballroom

41st Buonocore Memorial Lecture



*Does Age
Cause
Tooth Wear?*

Dr. David Bartlett

This lecture will examine the literature to see if increasing age is associated with an increase in severity of tooth wear. I will share my clinical experience to assess if they are related and explain how we can measure tooth wear in the lab.

Learning Objectives:

- understand the clinical presentation of erosive tooth wear and learn to screen for it in your dental office
- be familiar with the literature associated with the prevalence of erosive tooth wear and assess if it is related to aging
- Appreciate and understand the challenges associated with the clinical measurement of erosive tooth wear

Professor David Bartlett is Head of Prosthodontics at the Faculty of Dentistry, Oral & Craniofacial Sciences, King's College. He has an international reputation as a clinician and researcher and has built a well-known department in clinical science. In 2018, He was appointed as Head of Centre for Oral, Clinical and Translational Research.

Dr Bartlett has been awarded over £2M in grants, published over 170 peer-reviewed publications, 3 books and numerous chapters. His research is clinically focused, includes prevalence, laboratory investigations and clinical techniques to measure erosive tooth wear, all in the prosthodontic field. His team is one of the most recognized research groups of clinical research in the UK.

In 2018, with Professor Nigel Pitts, Dr. Bartlett started the erosive tooth wear foundation, a website-based charity, focused on improving knowledge and understanding of patients, dentists, and politicians of erosive tooth wear. The website is funded by the oral care industry, and it publishes information and is a source for Dentistry. Our social media status is comparable to larger professional organizations and our users are mainly from the UK and USA, but increasingly more broadly based.

Dr. Bartlett's clinical duties include managing a prosthodontic service which sees over 13,000 outpatients visits a year providing specialist and primary care to the Southeast of England. The clinic's specialist training in Prosthodontics is internationally known and is highly competitive for entry. We have 30 specialist trainees in prosthodontics, in any one year, which is the largest in Europe and comparable to larger centers in the USA. His full cv is available by request from the CE Administrative Authority for this meeting

Operative Dentistry, Inc. designates this activity for 1.25 continuing education credit(s). Dr. Bartlett reports no proprietary, financial or other personal interest of any nature or kind in any product, service and or company that will be presented.

Notes on:

Age vs Tooth Wear

Personal Objectives I have for this course:

Thursday - 24 FEB 2022

Noon-1:45 PM

APPRECIATION TO THE L. D. CAULK COMPANY:

The L. D. Caulk Company has chosen our Academy to support an Annual Memorial Lecture for the purpose of expressing appreciation and paying tribute to the late Dr. Michael G. Buonocore for his valuable research achievements. This generous support allows speaker selection on a global basis. We are grateful to Dr. Bartlett for accepting the invitation to present this lecture and to the L. D. Caulk Company for its financial contribution.

**Luncheon will be served in the
Gold Coast Room**

Essay Program

Grand Ballroom



Optimization of Single-unit Implant Therapy Leveraging Digital Technologies

**Drs. Christopher Barwacz
& Gustavo Avila Ortiz**



This presentation will provide an overview on multidisciplinary digital workflows for single-tooth replacement via implant therapy. Guidelines pertaining to proper case selection and treatment planning, including surgical and restorative considerations, will be reviewed with an emphasis on relevant scientific evidence and its application in clinical practice to optimize treatment outcomes. Clinical examples will be presented to illustrate different concepts, technical tips, and emerging trends in the context of tooth replacement therapy with dental implants.

Learning Objectives:

- Recognize the importance of effective communication between members of the multidisciplinary team to optimize care and to minimize complications
- Understand and incorporate the basic planning steps and execution principles of digitally-aided implant therapy
- Be familiar with partial and full digital protocols for delayed and immediate tooth replacement

Dr Christopher Barwacz Received his DDS from the University of Iowa and completed an AEGD at Texas A&M. He currently is an Associate Professor at the University of Iowa where he has taught for 14 years. Dr. Barwacz devotes much of his spare time in service of the dental community at the local, institutional, state and national level while also serving as a content reviewer for many internationally ranked dental journals. Dr. Barwacz is also a prolific author with over 70 published articles/abstracts as well as trade reports, instructional software, and many book chapters.

Dr. Gustavo Avila-Ortiz is the Endowed Philip A. Lainson Professor and Chair of the Department of Periodontics at the University of Iowa College of Dentistry. He is the former director of the Advanced Education Program and the Visiting Scholar Program in Periodontics in the same institution. He currently serves as Associate Editor in the Journal of Periodontology and a Co-editor in Clinical Advances in Periodontics.

Dr. Avila-Ortiz completed his DDS and PhD training programs at the University of Granada (Spain) before moving to Ann Arbor (USA), where he attained a MS degree and a Certificate in Periodontics from the University of Michigan. He is also a Diplomate of the American Board of Periodontology. Aside from being engaged in scholarly, teaching, mentoring and administrative activities, Dr. Avila-Ortiz maintains a faculty practice limited to Periodontics and Oral Implantology in Iowa City (USA). His research spans a variety of clinical topics related to periodontal and implant therapy, such as management of the extraction site, maxillary sinus augmentation and the application of digital technologies in clinical practice and research. The full cvs are available by request from the CE Administrative Authority for this meeting.

Operative Dentistry, Inc. designates this activity for 1.25 continuing education credit(s). Drs. Avila-Ortiz and Barwacz report no proprietary, financial or other personal interests of any nature or kind in any product, service and or company that will be presented.

Notes on:

Implant Therapy

Personal Objectives I have for this course:

Essay Program

Grand Ballroom

Summit Lecture of Innovation

*Cracking the Cracked Teeth Code
Utilizing CBCT Imaging: A New
Perspective on Diagnosis, CBCT
Imaging, Treatment Strategies,
and Outcomes*

Dr. Mohammad Fayad

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.
- Apply 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.

Dr Mohammad Fayad received his BDS from Cairo University (CU) in 1985 and went on to receive a Masters in Dental Medicine at CU, a Masters of Oral Sciences at the State University of New York—Buffalo (SUNY) and then a PhD in Endodontics jointly from CU and SUNY. Dr. Fayad is a Clinical Associate Professor in the Department of Endodontics at the University of Illinois—Chicago.

Dr. Fayad has lectured extensively around the world, and among the many journal articles that he has had published, he also managed to literally write the book on 3D imaging in Endodontics. His full cv is available by request from the CE Administrative Authority for this meeting

Operative Dentistry, Inc. designates this activity for 1.25 continuing education credit(s). Dr. Fayad reports no proprietary, financial or other personal interest of any nature or kind in any product, service and or company that will be presented.

Notes on:

Cracked Teeth

Personal Objectives I have for this course:

Essay Program

Grand Ballroom



*Surgically Facilitated Orthodontic
Therapy (SFOT):
An Interdisciplinary Approach*

Dr. George Mandelaris

Patients that want more ideal facial esthetics and function, may choose to have the interdisciplinary team utilize SFOT to alter the dentoalveolar bone and optimally position the roots of the teeth for the patients face. Space may be appropriated to enable the restorative dentist to create natural tooth dimensions and morphology in the worn, eroded or otherwise altered dentition. Surgical, orthodontic and restorative perspectives will be presented to challenge the team to move beyond traditional interdisciplinary therapies into a new frontier for enhanced outcomes.

Learning Objectives:

- Appreciate dentoalveolar bone phenotypes and to limit associated risks using SFOT
- Review diagnostic findings and imaging modalities critical to treatment planning of the interdisciplinary patient
- Present the biology, risks/benefits and execution of SFOT in advanced interdisciplinary cases from a surgical, orthodontic, and restorative perspective
- Discuss SFOT to optimize the position of teeth for facial esthetics and function in the skeletally mature patient with grey zone malocclusions

Dr George Mandelaris received his DDS from the University of Michigan—Ann Arbor. He then attended the University of Louisville where he was awarded a Master of Science in Oral Biology as well as a Certificate in Periodontics. Dr. Mandelaris has authored over 60 articles on dentistry as well as having given well over 100 invited presentations.

Dr Mandelaris is currently owner and surgeon at Periodontal Medicine & Surgical Specialists, LTD clinics in the Chicago, IL. area.

Dr. Mandelaris stays busy in both public and professional service and currently serves on the Clinical Innovations Committee for the Academy of Osseointegration. The cv is available by request from the CE Administrative Authority for this meeting

Operative Dentistry, Inc. designates this activity for 1.25 continuing education credit(s). Dr. Mandelaris reports no proprietary, financial or other personal interest of any nature or kind in any product, service and or company that will be presented.

Notes on:

SFOT

Personal Objectives I have for this course:

C.O.D.E. Meeting Parkside Room

The Academy of Operative Dentistry is again pleased to welcome the Consortium of Operative Dentistry Educators group which has scheduled a business meeting this afternoon during this “break” time at our Annual Meeting. CODE has been in existence for many years, and is an association of Operative Educators and those interested in Operative Dentistry Education issues.

If you are active in dental education, interested in Operative Dentistry Education matters and/or interested in becoming active in Operative Dentistry Education at a School of Dentistry, you are welcome to join the members of CODE at 5:30 for this meeting.

The meeting will adjourn prior to the time of the Academy’s Gala Reception this evening at 7:00 PM.

The
HOSPITALITY SUITE
will be open in
Room 950
from 5:30-6:30 PM.

Gala Reception
7:00 - 9:00
in the
Gold Coast Room

Honoring:

**President
Kyle Schulz**

Pueblo, Colorado

A pre-gala cocktail reception will begin at
6:30 in the Drake Room.

Essay Program

Grand Ballroom

Cariology Lecture

*Caries Management: The
Heart and Soul of
Operative Dentistry*

Dr. Sandra Guzman-Armstrong

This Inaugural Cariology lecture will provide an overview of the principles of modern caries management and the challenges presented by this complex disease. Risk-based diagnosis, prevention, and tooth and pulp preservation, the heart and soul of operative dentistry, will be reviewed, with emphasis given to an evidence-based multidisciplinary approach in caries disease management.

Learning Objectives:

- Recognize and manage caries as a disease.
- Understand the new caries classification system.
- Apply evidence-based risk related principles to an everyday clinical practice.
- Apply the clinical principles of minimally invasive dentistry to maintain pulp vitality and preserve tooth structure.
- Understand the importance to retrain future practitioners - dental students, residents and other health care providers to the complexity of the disease and their role in inter-professional and inter-disciplinary care.

Dr. Sandra Guzman-Armstrong received her DDS from Javeriana University in Bogota, Colombia. She continued her education and received a Masters Degree and Certificate from the University of Iowa in 1999. Dr. Guzman currently is a Clinical Professor of Operative Dentistry at the University of Iowa and also is the Director of the Advanced Education Program. Dr. Guzman has published extensively on caries, with 25+ articles appearing in both refereed and non-refereed journals as well as an impressive list of abstracts in many publications. Dr. Guzman spends her time in service to the dental community outside of her institutional duties as a dental manuscript reviewer, an active member and co-founder of the American Academy of Cariology, and committee member of various committees for several other dental associations, including our own Academy of Operative Dentistry. Her full cv is available by request from the CE Administrative Authority for this meeting.

Operative Dentistry, Inc. designates this activity for 1.25 continuing education credit(s). Dr. Guzman-Armstrong reports no proprietary, financial or other personal interest of any nature or kind in any product, service and or company that will be presented EXCEPT FOR THE FOLLOWING: Dr. Guzman-Armstrong reports that she consults for the American Dental Association.

Notes on:

Caries Management

Personal Objectives I have for this course:

Essay Program

Grand Ballroom

*Clinical Practice Guidelines
in Dentistry***Dr. Elliot Abt**

This presentation will address study designs in healthcare, why science gets misinterpreted, and higher levels of evidence that have led to scientific advances in dentistry.

Learning Objectives:

- Understand the major differences between observational and interventional studies
- Understand association vs. causality
- Become familiar with clinical practice guidelines in dentistry

Dr. Elliot Abt earned his DDS from the University of Illinois in Chicago after receiving his Bachelor of Science in Molecular Biology from the University of Wisconsin—Madison. He also holds two Masters Degrees, one in Oral Pathology from the University of Illinois at Chicago, as well as in Evidence-based Health Care from Oxford University. Dr. Abt has served as the Chair of the ADA Council on Scientific Affairs and currently works as an Adjunct Associate Professor in Oral Medicine at the University of Illinois at Chicago, while also maintaining a private practice in Skokie, Illinois.

Dr. Abt's cv lists over 60 authored articles published in major dental journals, as well as having authored several book chapters and educational videos. Dr. Abt's full cv is available by request from the CE Administrative Authority for this meeting

Operative Dentistry, Inc. designates this activity for 1.25 continuing education credit(s). Dr. Abt reports no proprietary, financial or other personal interest of any nature or kind in any product, service and or company that will be presented.

Notes on:

Clinical Guidelines

Personal Objectives I have for this course:

Essay Program

Grand Ballroom

Tucker Lecture of Excellence

*Lessons Learned
in Over 50 years of
Restorative Dentistry***Dr. Terry Donovan**

This presentation will review lessons learned from 55 years in dentistry, experience ranging from private practice, academia, and service in professional organizations. Lessons can be learned from both failures and success. The importance of choosing great mentors and participating in professional organizations will be emphasized.

Learning Objectives:

- The importance of choosing great mentors and becoming a mentor yourself over a period of time.
- The importance of becoming involved with professional dental organizations at the local, state and national levels.
- The critical importance of a patient-centered philosophy.
- The importance of achieving a balanced life.

Dr. Terry Donovan graduated with his DDS from the University of Alberta—Edmonton. He has a Graduate Certificate in Advanced Prosthodontics from the University of Southern California. Dr. Donovan taught for 25 years at the University of Southern California concluding his service there as Professor and Director, Advanced Education in Prosthodontics, and Co-chair: Division IV: Primary Oral Health Care. Currently Dr Donovan is a professor and chairs the section of Biomaterials in the department of Operative Dentistry at the University of North Carolina at Chapel Hill, where he has taught for 15 plus years.

Dr. Donovan has been very active in service to the dental community. Currently he serves as the Chair of the Committee of Scientific Investigation for the American Academy of Restorative Dentistry, is a consultant to the ADA Council of Therapeutics and Research, as well as a reviewer for many journals, including JCDA and JADA.

Dr. Donovan has published over 150 articles in peer-reviewed journals with an additional 35+ in non-reviewed literature, as well as authored 8+ textbook chapters. His full cv is available by request from the CE Administrative Authority for this meeting

Operative Dentistry, Inc. designates this activity for 1.25 continuing education credit(s). Dr. Donovan reports no proprietary, financial or other personal interest of any nature or kind in any product, service and or company that will be presented.

Notes on:

Lessons Learned

Personal Objectives I have for this course:

Friday - 25 FEB 2022

Noon—1:30 PM

Luncheon will be served
in the Gold Coast Room

Stand-by Clinician



Current Concepts for Restoring Dental Implants

Dr. Timothy A Hess

Dental implants are a proven modality to replace single & multiple missing teeth, including full edentulous arches. Many abutment and restorative options from implant manufacturers to third party suppliers exist. The number of options available can be confusing, even to experienced clinicians. This presentation will review implant restorative options such as cement retained, screw retained, and the screwmentable concept. Current and historical literature will be cited to support restorative guidelines.

Learning Objectives:

- Discuss Implant abutment options including stock and custom options
- Illustrate options when restoring implants with screw channels in less-than-ideal position
- Review tips for successful delivery of cement-retained, screw-retained, and screwmentable options

Dr. Hess is a general dentist that graduated from the University of Washington in 1994 and practices in Auburn, WA. He is an Affiliate Assistant Professor Restorative Dentistry, Affiliate Faculty Oral Medicine and the Director of the Tucker Institute at the University of Washington. Dr. Hess lectures on implant failures, fixed removable restorations and dental materials including zirconia. He presents hands-on courses in Washington State for Botulinum toxin-A and Dermal filler therapies. Dr. Hess has been published in the Journal of Prosthetic Dentistry, International Journal of Oral & Maxillofacial Implants, Decisions in Dentistry, and Operative Dentistry. He has lectured at the ADA Annual Meeting, the AGD Annual Meeting, IAG Congress and the Canadian Academy of Restorative Dentistry and Prosthodontics. He is a Master and has his Life Long Service Recognition from the Academy of General Dentistry, Member of the Academy of Richard V Tucker Study Clubs, Academy of Operative Dentistry, Fellow in the International College of Dentists, Pierre Fauchard Honour Society, American College of Dentists, SKCDS Forensic Team, WSDA, ADA, DOCS Sedation, and Spear Faculty Club.

Operative Dentistry, Inc. designates this activity for 1 continuing education credit(s). Dr. Hess reports no proprietary, financial or other personal interest of any nature or kind in any product, service and or company that will be presented.

Notes on:

Current Concepts

Personal Objectives I have for this course:

AWARD WINNERS

We congratulate the Award Recipients on the following pages who follow in the illustrious footsteps of previous awardees.

The Hollenback Memorial Prize was established in 1975 as a memorial to the late George M. Hollenback for his distinguished research and leadership, the results of which have had so beneficial an effect on improving the quality of dental practice. The Prize is given for research that has contributed substantially to the advancement of restorative dentistry. Research of a broad range is considered, spanning the investigative spectrum from fundamental to applied, and encompassing all levels of investigation from prevention of dental disease to development of improved materials and techniques.

Past recipients of this award can be found
on the following page.

The Award of Excellence was established in 1986 to recognize outstanding contributions to the discipline of Operative Dentistry in areas of, but not limited to: service to the Academy; teaching of operative dentistry at academic and continuing education levels; promotion of excellence in operative dentistry at a national or international level.

Past recipients of this award can be found
on the following page.

Award of Excellence

Dr. A. Ian Hamilton	1989
Dr. Ralph J. Werner	1990
Dr. Melvin R. Lund	1991
Dr. Richard V. Tucker	1992
Dr. Paul H. Loflin	1993
Dr. David J. Bales	1994
Dr. Clifford M. Sturdevant	1995
Dr. Harry Rosen	1996
Dr. J. Martin Anderson	1997
Dr. Gregory E. Smith	1998
Dr. Jose E. Medina	1999
Dr. Bruce B. Smith	2000
Dr. Richard B. McCoy	2001
Dr. John W. Reinhardt	2002
Dr. Lawrence L. Clark	2003
Dr. Norm Ferguson	2004
Dr. James B. Summitt	2005
Dr. Joel M. Wagoner	2006
Dr. Thomas G. Berry	2007
Dr. Willam A. Gregory	2008
Dr. Warren K. Johnson	2009
Dr. Richard G. Stevenson III	2010
Dr. Michael A. Cochran	2011
Dr. Harold R. Laswell	2012
Dr. Gerald E. Denehy	2013
Dr. Richard D. Tucker	2014
Dr. Gordon J. Christensen	2015
Dr. J. William Robbins	2016
Dr. Thomas J. Hilton	2017
Dr. Maria Lopez Howell	2018
Dr. Paul Hasegawa	2019
Dr. Robert Craig Bridgeman	2020
Dr. Bruce Small	2022

Hollenback Memorial

Dr. Robert J. Nelson	1975
Dr. George C. Paffenbarger	1976
Dr. Ralph W. Phillips	1977
Dr. Miles R. Markley	1978
Dr. Wilmer B. Eames	1979
Dr. George W. Ferguson	1980
Dr. Rafael L. Bowen	1981
Dr. Lloyd Baum	1982
Dr. Harold R. Stanley	1983
Dr. Kamal Asgar	1984
Dr. Jose E. Medina	1985
Dr. Nelson W. Rupp	1986
Dr. Gunnar Ryge	1987
Dr. David B. Mahler	1988
Dr. Gerald T. Charbeneau	1989
Dr. Dennis C. Smith	1990
Dr. Robert B. Craig	1991
Dr. Marjorie Swartz	1992
Dr. William V. Youdelis	1993
Dr. Carl W. Fairhurst	1994
Dr. Karl Leinfelder	1995
Dr. Nobuo Nakabayashi	1997
Dr. David Pashley	1998
Dr. Takao Fusayama	1999
Dr. Frederick C. Eichmiller	2000
Dr. Richard D. Norman	2001
Dr. Nairn H.F. Wilson	2002
Dr. John W. Osborne	2003
Dr. Ivar A. Mjor	2004
Dr. Stephen C. Bayne	2005
Dr. William H. Douglas	2006
Dr. Guido Vanherle	2007
Dr. Mathilde "Tilly" Peters	2008
Dr. James B. Summitt	2009
Dr. J. Rodway Mackert	2010
Dr. John Burgess	2011
Dr. Reinhard Hickel	2012
Dr. Max Anderson	2013
Dr. Edwina Kidd	2014
Dr. Sally Marshall	2015
Dr. Jack L. Ferracane	2016
Dr. Fred Rueggeberg	2017
Dr. Edward J Swift Jr.	2018
Dr. Hidehiko Sano	2019
Dr. Sumita Mitra	2020
Dr. Valeria V Gordan	2022

Academy of Operative Dentistry's Hollenback Memorial Prize



Dr. Valeria V Gordan

Valeria V Gordan, DDS, MS, MS-CI, is a Professor in the Restorative Dental Sciences Department, Director of Practice-based Research and Interim Associate Dean for Research at the University of Florida, College of Dentistry.

Dr. Gordan received her DDS degree from State University of Londrina, Brazil in 1993, her MS degree in Operative Dentistry from The University of Iowa in 1997, and her MS degree in Clinical Investigation from College of Medicine, University of Florida in 2007. Dr. Gordan is a researcher, educator, and a clinician. Her research interests have been in the area of caries diagnosis and preservation of tooth structure using minimally invasive restorative techniques through translational and clinical research applications. This particular need and interest resulted in consistent collaborations on grant applications and publications with several institutions, such as, University of Manchester, University of Singapore, University of Chile, King Saud University, and other universities in Brazil, Chile, Scandinavia, Hong Kong, Qatar, United Kingdom, South Africa, Japan, and Saudi Arabia. She has published over 180 peer reviewed manuscripts and contributed on various national and international committees in the dental profession. Her research efforts have awarded close to 15 million dollars in research grants funded by industry and by NIH-NIDCR. She has been a lead-researcher in Dental Practice-Based Research, designing several studies aiming to address the decision-making processes and approaches used by practitioners in the dental restoration process. She is the Director for Practitioner Recruitment and Engagement, the Director of Practitioner Training, and the Director of Special Patient Population for the National Dental PBRN and the Director for the South Atlantic region of the Network, overseeing the research conducted in the states of Virginia, North Carolina, South Carolina, Georgia, and Florida. She has served on the Editorial Board of 15 international journals and as an ad-hoc reviewer for 30 international journals. She is the recipient of various teaching awards, among them, University of Florida "Teacher of the Year", the "Faculty of Honor in the Professionalism and Coating Ceremony", and "The Dental Educator Award" from the Florida Dental Association. She was also the recipient of the Buonocore Memorial Lecture offered by the Academy of Operative Dentistry in celebration of her career.

The academy is most pleased to recognize the exceptional work, leadership, mentorship and lifetime achievements of Dr. Gordan. Her contributions have greatly advanced the field of Operative Dentistry. The Academy of Operative Dentistry is honored to announce Dr. Valeria Gordan as the recipient of the 2021-2022 George M. Hollenback Memorial prize.

Congratulations Valeria!

Dr. Erica Teixeira will have the honor of presenting this award to Dr. Gordan.

Academy of Operative Dentistry's Award of Excellence



Dr. Bruce Small

It is our distinct pleasure and honor to introduce this year's awardee of the Operative Academy's Award of Excellence to Dr. Bruce W. Small. After a brief hiatus to accommodate a worldwide pandemic, we are now finally able to award this belated honor to him at this 2022 AOD meeting. It is better late Bruce, than not at all.

Bruce graduated from the University of Medicine and Dentistry of New Jersey in 1973. Following graduation from dental school he took a year-long postgraduate residency after which he started his private practice in Lawrenceville, New Jersey almost fifty years ago. He didn't know then that his dental career path would be changed forever by an event unforeseen by him at the time.

There are mainly three types of people one deals with through out their lifetime. The first type makes things happen, the second type watches things happen and the third type wonders what happened. If one gets to know Bruce, one will soon realize that he was the first type that made things happen. He also shows a thirst and a quest to learn and improve his knowledge and skills. He has taken over 3000 hours of continuing education, not only to improve his skills and knowledge but also to improve his abilities to provide excellence care and treatment to his patients. He further has given over four hundred continuing education courses and lectures to share this knowledge and skills with his fellow dentists. He has published over 130 article in various dental publications, many being on dental techniques and has served as a reviewer on editorial boards. He presently teaches several hands-on dental study clubs, given many table clinics, given freely of his time to his alma mater and has been lecturing for over twenty-five years, nationally and internationally. He has served in the offices of many dental organizations and academies including our own Academy of Operative Dentistry.

Bruce has been a very active contributor to the profession of dentistry. He has chosen the path in dentistry of the "harder right than the easier wrong". It is a pleasure to be able to present the Award of Excellence to Dr. Bruce W. Small, from the members of the Academy of Operative Dentistry for his outstanding contributions to excellence in dentistry and to this academy.

Congratulations, Bruce!

Dr. Warren K Johnson will have the honor of presenting this award to Dr. Small.

Academy of Operative Dentistry

2021-2022 Officers

PRESIDENT	Dr. Kyle Schulz	Pueblo, Colorado
PRESIDENT-ELECT	Dr. Yana Nedvetsky	Chicago, Illinois
VICE-PRESIDENT	Dr. Jim Smith	Portland, Oregon
SECRETARY	Dr. Richard G. Stevenson III	Los Angeles, California
TREASURER	Dr. Paul Y. Hasegawa	Seattle, Washington
IMMEDIATE PAST PRESIDENT	Dr. Chris Mack	Longview, Texas
EXECUTIVE COUNSELORS	2022	
	Dr. Sandra Guzman	Iowa City, Iowa
	Dr. Adriana Semprum-Clavier	Chicago, Illinois
	2023	
	Dr. Ana Bedran-Ruso	Chicago, Illinois
	Dr. Tom Cyr	Palos Verdes, California
	2024	
	Dr. Tracy D'Antonio	Bacoli, Italy
	Dr. Taiseer Sulaimann	Chapel Hill, North Carolina
SPECIAL ASSISTANT	Dr. Tina Lopez	Los Angeles, California
ADMINISTRATIVE ASSISTANT	Ms. Tina Cody	Los Angeles, California
SECRETARY EMERITUS	Dr. Greg Smith	Gainesville, Florida

Operative Dentistry, Inc.

Officers and Senior Staff

Editor	Dr. Jeffrey A. Platt	Indianapolis, Indiana
Office Manager	Erin Cody	Indianapolis, Indiana
Editorial Assistant, CDE Director, & CE Administrative Authority for AOD	Kevin B. Matis	Indianapolis, Indiana
Associate Editors	Dr. N. Blaine Cook	Martinsville, Indiana
	Dr. Kim Diefenderfer	Indianapolis, Indiana
	Dr. So Ran Kwon	Loma Linda, California
	Dr. Camila Sabatini	Buffalo, New York
Managing Editor	Dr. Timothy J. Carlson	Indianapolis, Indiana
Assistant Managing Editors	Dr. Paul Y. Hasegawa	Seattle, Washington
	Dr. Barry O. Evans	Portland, Oregon
	Dr. Lawrence Vanzella	Squamish, BC Canada

Academy of Operative Dentistry

2021—2022 Committees

NOMINATIONS COMMITTEE

Dr. Kyle Schulz—Chair	-2026
Dr. Chris Mack	-2025
Dr. Eben DeArmond	-2024
Dr. Richard Vinci	-2023
Dr. Bruce Small	-2022
Dr. Richard G. Stevenson III	- Ex Officio
Dr. Paul Hasegawa	- Ex Officio

RESEARCH COMMITTEE

Dr. Erica Teixeira—Chair	-2023
Dr. Thomas Grubbs	-2025
Dr. Sarah Alhalees	-2025
Dr. Karine Barison	-2023
Dr. James Ragain Jr.	-2023
Dr. Adriana Manso	-2023
Dr. Marcelle Nascimento	-2022
Dr. Taiseer Sulaiman	-2022
Kevin B Matis	- Ex Officio

FINANCE COMMITTEE

Dr. Joel M. Wagoner—Chair
Dr. Paul Hasegawa
Dr. Richard G. Stevenson III

CONSTITUTION AND BYLAWS COMMITTEE

Dr. Kevin Frazier—Chair	-2025
Dr. Fernando Haddock	-2025
Dr. Marcela Hernandez	-2025

SCIENTIFIC SESSIONS COMMITTEE

Dr. Yana Nedvetsky—Chair	-2024
Dr. Juliana DaCosta	-2026
Dr. James Smith	-2025
Dr. Chris Mack	-2023
Dr. Eben DeArmond	-2022
Dr. Richard G. Stevenson III	- Ex Officio
Kevin B Matis	- Ex Officio

TRUSTEES OF FOUNDERS FUND

Dr. Susanne Grennell—Chair	-2025
Dr. Richard D Tucker—V Chair	-2025
Dr. Timothy Carlson—Sec./Treas.	-2025
Dr. Gregory Smith	-2025
Dr. Fred Eichmiller	-2025
Dr. Barry Evans	-2025
Dr. Paul Hasegawa	- Ex Officio
J Martin Anderson	Honorary
Joel Wagoner	Honorary
William E Morris	Honorary

RISING STAR FACULTY AWARD COMMITTEE

Dr. Tilly Peters—Chair
Dr. Susanne Grennell
Dr. Ana Bedran-Russo
Dr. Maria Howell
Dr. Tina Lopez
Dr. Juliana da Costa
Dr. Deborah Cobb

ANNUAL MEETING

BANQUETS, GALA RECEPTION

Dr. Richard G. Stevenson III
Dr. Tina Lopez

AUDIOVISUAL ARRANGEMENTS

Dr. Paul Hasegawa—Chair
Dr. Richard G. Stevenson III

HOSPITALITY

Dr. Dr. Sandra Guzman
Dr. Adrianna Semprum-Clavier

PUBLIC INFORMATION, SIGNS AND LOCAL ARRANGEMENTS

Dr. Frank U. Perry—Chair
Dr. Timothy R. Toepke

REGISTRATION COMMITTEE

Dr. Richard G. Stevenson III—Chair
Dr. Tina Lopez
Ms. Tina Cody

Dates indicate the final year of appointment.
Election of new committee members begins in February, 2022.

Presidents of the Academy

Throughout its history, the Academy has enjoyed the finest of leadership—the following have served as President:

Dr. George W. Ferguson	1972	Dr. George W. Ferguson	1973
Dr. Bruce B. Smith	1974	Dr. Clifford M. Sturdevant	1975
Dr. H. William Gilmore	1976	Dr. D. Jackson Freese	1977
Dr. Donald A. Welk	1978	Dr. Nelson W. Rupp	1979
Dr. Richard V. Tucker	1980	Dr. Harold R. Laswell	1981
Dr. Paul H. Loflin	1982	Dr. Robert L. Kinzer	1983
Dr. William N. Gagnon	1984	Dr. Lawrence L. Clark	1985
Dr. Frank K. Eggleston	1986	Dr. William von der Lehr	1987
Dr. J. Martin Anderson	1988	Dr. Anna T. Hampel	1989
Dr. R. Craig Bridgeman	1990	Dr. Jose E. Medina	1991
Dr. Ralph M. Phelan	1992	Dr. Richard B. McCoy	1993
Dr. Warren K. Johnson	1994	Dr. Thomas G. Berry	1995
Dr. Joel M. Wagoner	1996	Dr. John W. Reinhardt	1997
Dr. William E. Hawkins	1998	Dr. Ebb A. Berry III	1999
Dr. Leo J. Fleckenstein	2000	Dr. Ronald C. House	2001
Dr. Maria Lopez Howell	2002	Dr. Richard G. Stevenson III	2003
Dr. Richard S. Kloehn	2004	Dr. W. Frank Caughman	2005
Dr. Susanne T. Grennell	2006	Dr. Frank U. Perry	2007
Dr. William 'Rusty' Morris	2008	Dr. Frederick Eichmiller	2009
Dr. J. William Robbins	2010	Dr. James B. Summitt	2011
Dr. Paul Hasegawa	2012	Dr. Daniel C. N. Chan	2013
Dr. Michael A. Cochran	2014	Dr. Mathilde 'Tilly' Peters	2015
Dr. Bruce Small	2016	Dr. Richard Vinci	2017
Dr. Eben 'Dee' DeArmond, Jr	2018	Dr. Chris Mack	2019
	Dr. Kyle Schulz		2020, 2021

Secretaries of the Academy

Dr. Ralph J. Werner	1972 – 1989
Dr. Gregory E. Smith	1990 – 2008
Dr. Richard G. Stevenson III	2008 – present

Assistant Secretaries have included: Drs. Gregory E. Smith, Osvaldo Mayoral, Thomas G. Berry, Richard G. Stevenson III, Juliana da Costa

Treasurers of the Academy

Dr. Ralph J. Werner	1972 – 1996
Dr. Joel M. Wagoner	1997 – 2014
Dr. Paul Y. Hasagawa	2014 – Present

Projected Clinics

We welcome you to the annual Clinic Session. This year's Projected Clinic (PC) program was overseen by Dr. Jim Smith. As the Vice President of this Academy Dr. Smith spent a substantial part of past year gathering, evaluating and selecting the projected Table Clinics that follow. Dr. Smith graduated from the Oregon Health Sciences University School of Dentistry, completed a two-year Advanced General Dentistry Residency at the Naval Postgraduate School of Dentistry in Bethesda, MD and is a diplomate of the American Board of General Dentistry and the Federal Services Board of General Dentistry and is a Master of the Academy of General Dentistry. During his 24 years of service in the U.S. Navy Dental Corps, he served for three years as Director, Advanced Clinical Programs in San Diego, California and three additional years on the training staff for Comprehensive Dentistry at the National Naval Medical Center Bethesda. Upon retirement from active duty, Dr. Smith practiced with Permanente Dental Associates for 15 years in Portland, Oregon. Dr. Smith has been a member of the AOD for 19 years and has served on the Executive Council Committee for one year. These experiences have helped in the selection of clinicians for this year. The topics are varied and address current clinical and research issues. We hope you will enjoy this year's stellar array of Table Clinic program.

The clinics presented have been vetted for CE credit applicability, and we are pleased to be able to present a credit of 0.25 Continuing Dental Education unit per clinic attended, for a total of 3.5 possible credit units.

Similar to the Essay portion of our program, an attendance mechanism has been created to assist you in claiming your CE.

This portion of the program book is arranged as follows: A note page for you to organize your personal objectives for the clinics; a page of explanations on several Projected Clinics which includes the name of the clinic, its instructor, a list of learning objectives, a short synopsis; and room for notes. Each table clinic is represented. ***To receive credit, you must have your participant number correctly indicated on the form. You will receive credit only for the clinics for which you correctly filled in the attendance form. Comments for any clinician should be provided on the back of the form. You may submit multiple forms, but may only receive credit once for each clinic.***

If you have any questions on how the CE for this, or any portion of the AOD meetings works, please see the CE Administrative Authority at the entrance to the clinic area.

Enjoy browsing these clinics!

Conflict of Interest statement from the Projected Clinicians:

Each Clinician has been assessed for their expertise in the presented subject; Curriculum Vitaes are available from Kevin Matis, the CE Administrative Authority upon request. Each Table Clinician has further certified that neither they, nor any members of their family have a financial arrangement or affiliation with any corporate organization offering financial support or grant monies for this continuing dental education program, nor do they have any financial interests in any commercial product(s) or service(s) that will be discussed **EXCEPT FOR THE FOLLOWING:**

**Dr Zendaki (table 13)
reports interest in the product,
the Finger Grip Guide.**

AS A CE REMINDER:

To receive credit, you must have your participant number correctly indicated on the attendance form which will be provided at the entrance to the Clinic Area. You will receive credit only for the clinics for which you correctly filled in the attendance form. Comments for any clinician should be provided on the back of the form. You may submit multiple forms, but may only receive credit once for each clinic.

The following clinics are presented as a service to meeting participants, and may or may not appear depending upon availability of organization members. For more information, please make use of the contact email provided.

Clinic A Presented by Joseph Newell, DDS (ARVTSC)

ARVTSC Secretary: G Tupper, secretary.arvtsc@gmail.com

Tucker Technique – R.V. Tucker Cast Gold Study Clubs

Cast gold restorations are still considered the finest restorative material that dentistry has to offer. Its benefits include excellent longevity, biocompatibility, high polishability, and it's coefficient of expansion and wear characteristics are very similar to enamel.

The table clinic will demonstrate the procedures necessary to perform excellent cast gold restorations from start to finish according to the Academy of Richard V. Tucker Study Clubs. It will be a projected presentation along with models and examples of cast gold restorations.

Learning Objectives: 1. Attendees will understand the rationale and benefits of restoring teeth with cast gold restorations. 2. Attendees will learn aspects of preparation designs, build-ups, hand instrumentation and impression taking. 3. Attendees will learn delivery process for cast gold restorations. Subjects to be covered include techniques for proper seating, cementing, finishing and polishing.

Clinic B ~~Not Presented in 2022**~~**

AAGFO Secretary: MD Tollefson, marcdtollefson@msn.com

Gold Foil Academy Hands-On Presentation on Gold Foil as a Treatment Selection for the Operative Patient – American Academy of Gold Foil Operators

The table clinic will have 2 components- 1- clinical: attendees will be able to place small CL I foils on models with Foil Academy members as Mentors. All materials are supplied by the Foil Academy. 2- didactic: a brief lecture on gold foil as a treatment selection for the operative patient

Learning Objectives: 1. attendees will understand the indications of gold foil placement. 2. attendees will have a brief introduction to gold foil through mentorship. 3. attendees will have an understanding of the proper technique of placing a gold foil.

Clinic C Presented by Staff of the Journal (JOPDENT)

Office Manager: E Cody, editor@jopdent.org

*Articulating the Role of the "Operative Dentistry Journal"
in Our Evolving Academic Society*

"Operative Dentistry" is a refereed international journal that is supported by three organizations: Academy of Operative Dentistry, American Academy of Gold Foil Operators, and the Academy of R. V. Tucker Study Clubs. This table clinic will articulate the essential role of "Operative Dentistry" as it contributes to building a collective knowledge base for our evolving scientific operative dentistry community.

Learning Objectives: 1. Learn the role that the "Operative Dentistry" journal plays in our operative dentistry community, 2. Acquire knowledge on how to become a reviewer and envision your services to the advancement of "Operative Dentistry", 3. Describe the rewarding benefits of participating as a reviewer

Clinic D Presented by Members of the Board (ABOD)

ABOD Secretary: JM Strother, captjimdds@hotmail.com

American Board of Operative Dentistry (ABOD)

The American Board of Operative Dentistry (ABOD) is dedicated to elevating the art and science of Operative Dentistry by recognizing excellence in clinical practice. ABOD administers a series of written, clinical, and oral examinations, and awards board certification to eligible candidates who successfully navigate this rigorous process. Attaining board certification in Operative Dentistry signifies a commitment to the pursuit of excellence, requiring disciplined study and significant clinical effort. Further, it demonstrates a level of achievement few have achieved.

Learning Objectives: 1. Learn the history and purpose of ABOD, 2. Acquire knowledge on the requirements to achieve ABOD certification, 3. Understand the benefits and significance of ABOD certification to individual practitioners.

Notes on:

Tucker Technique – R.V. Tucker Cast Gold Study Clubs

*Gold Foil Academy Hands-On Presentation on Gold Foil
as a Treatment Selection for the Operative Patient –
American Academy of Gold Foil Operators*

*Articulating the Role of the “Operative Dentistry Journal”
in Our Evolving Academic Society*

American Board of Operative Dentistry (ABOD)

Clinic 1
Resident, University of Iowa

Ahmad M Alkhazaleh, BDS MFD
ahmad-alkhazaleh@uiowa.edu

Understanding how dental composites layering techniques can affect the optical properties of shade matching and esthetic outcomes

Shade matching and reproduction in contemporary dental practice can be a challenging task, particularly for younger dental practitioners and future dental educators. The purpose of this table clinic is to discuss how layering techniques, composite layer thicknesses, and composite resin brands available to the practitioners can directly impact esthetic outcomes

Learning Objectives: 1. Establish a fundamental understanding of the essential shade-taking components in dentistry (e.g., value, opacity, and chroma), and describe various optical changes when different composite brands and different layer thicknesses are utilized. 2. Compare and contrast the two main contemporary resin composite layering approaches: natural layering and polychromatic layering techniques using Vita and non-Vita shades. 3. Explore the effect of different composite brands on the overall shade outcome and their relevance to corresponding Vita Classical shade guide tabs.

Clinic 2
Faculty, University of Jordan

Islam Abd Alraheam , DDS MFDS MS
islam.raheam@gmail.com

Management of dental erosion, clinical case presentation

The presentation will discuss with the audience how to manage dental erosion using the medical and surgical model of treatment. A clinical case will be presented to show the steps of treating erosion cases. Clinical tips and tricks will be explained throughout the presentation.

Learning Objectives: 1. Investigate and identify the causative factor of dental erosion. 2. Concepts in management of dental erosion. 3. Clinical techniques and tricks to perform operative dentistry.

Clinic 3
Resident, U of North Carolina—Chapel Hill

Ali Altak , DDS AEGD
alialtak@email.unc.edu

Light irradiance and energy through indirect CAD/CAM materials as a function of material thickness, and light tip distance

CAD/CAM materials are adhered using resin cement. Optimum polymerization of resin cement cannot be obtained without light cure activation. The research objective is to measure the light irradiance and energy transmitted through different zirconia generations with four thicknesses and three different light-cure tip distances using monowave and polywave light curing devices.

Learning Objectives: 1. Measure the effect of material on the light irradiance and energy. 2. Measure the effect of material thickness on the light irradiance and energy. 3. Measure the effect of light-cure tip distance on the light irradiance and energy.

Clinic 4
Faculty, Harvard University

Supattriya Chutinan , DDS MSD
supattriya_chutinan@hsdm.harvard.edu

Caries Management Decision Tree in dental practice

Caries Management Decision Tree (CMDT) was developed to help a provider standardize caries management plan for each individual patient. The tool will guide the provider through all steps in creating a caries management plan. The simplicity of the CMDT allows everyone to use it regardless of their Cariology knowledge level.

Learning Objectives: 1) Understand how to use the caries management decision tree. 2. Justify the individual caries risk status and select the proper caries management plan. 3. Apply the caries management decision tree at their own practice.

Notes on:

Understanding how dental composites layering techniques can affect the optical properties of shade matching and esthetic outcomes

Management of dental erosion, clinical case presentation

Light irradiance and energy through indirect CAD/CAM materials as a function of material thickness, and light tip distance

Caries Management Decision Tree in dental practice

Clinic 5
Student, Tennessee Health Science Center

Nicholas Odum
nodum@uthsc.edu

AOD Student Research Award Recipient

Fast curing with high-power curing lights affects post-gel shrinkage and temperature rise of bulk fill composites

High-power curing lights are attractive because they promise increased curing effectiveness of composites and cut down treatment time. Although the high-power LED curing lights allow shorter curing times, the time saved comes at a cost of more post-gel shrinkage. It appears they also generate more heat regardless of resin composite.

Learning Objectives: 1. Irradiance alone does not characterize the performance of LED curing lights, they also have unique wavelength spectra that can affect the curing behavior of each resin composite differently; 2. Increasing curing light irradiance increases post-gel shrinkage, and is therefore likely to increase shrinkage stresses; 3. High-power LED curing lights are likely to increase temperatures during polymerization of resin composites, even when using the minimum manufacturer recommended curing times.

Clinic 6
Faculty, Harvard University

Hiroe Ohyama, DDS MMSc PhD DMD
hiroe_ohyama@hsdm.harvard.edu

What's New -- Updated COVID-19 Guidelines for Dentists: Myth vs. Fact

As we continue to experience new waves of COVID-19 cases and its variants, the safety of dental offices has been and will be under greater scrutiny for the general population for the foreseeable future. This presentation will discuss updated and applicable information regarding guidelines for aerosolized procedures and their pros/cons.

Learning Objectives: 1. To understand and diminish the risk of COVID-19 transmission at dental offices 2. To discuss the importance of air exchange rates 3. To discuss when COVID+ patients may receive dental treatment

Clinic 7
Faculty, University of Illinois—Chicago

Andrea Reale-Reyes, DDS MS
areale@uic.edu

*Chairside CAD/CAM Glass-ceramic Single Retainer Resin-bonded
Fixed Partial Dentures Fabricated at IUC-COD*

This table clinic presents cases eliciting proper case selection, preparation & restoration designs for CAD/CAM fabricated resin-bonded fixed partial dentures (RBFDPs). Single-retainer chairside CAD/CAM RBFDPs fabricated with lithium disilicate exhibit multiple advantages. Rigorous patient case selection criteria & meticulous restoration designs are essential for the success of these restorations.

Learning Objectives: 1. Understand indications, case selection, and the decision making process for chairside lithium disilicate single winged RBFDPs; 2. Describe preparation and restoration designs including connector area for lithium disilicate chairside RBFDP restorations; 3. Describe the cementation considerations for successful lithium disilicate chairside RBFDP restorations.

Clinic 8
Faculty, University of Illinois—Chicago

Alexandra Rodriguez, DDS MS
alerod@uic.edu

*A practical decision tree for preparation of all-ceramic
CAD/CAM fabricated partial coverage restorations*

With advances in ceramic materials, resin cements and CAD/CAM fabrication techniques, the decision of how to approach the tooth preparation for partial coverage restorations is wide-ranging. This table clinic will review and discuss an evidence-based decision tree for tooth preparations of partial coverage resin bonded restorations.

Learning Objectives: 1. Understand indications, case selection, and the decision making process for chairside lithium disilicate single winged RBFDPs; 2. Describe preparation and restoration designs including connector area for lithium disilicate chairside RBFDP restorations; 3. Describe the cementation considerations for successful lithium disilicate chairside RBFDP restorations.

Notes on:

Fast curing with high-power curing lights affects post-gel shrinkage and temperature rise of bulk fill composites

What's New -- Updated COVID-19 Guidelines for Dentists: Myth vs. Fact

Chairside CAD/CAM Glass-ceramic Single Retainer Resin-bonded Fixed Partial Dentures Fabricated at IUC-COD

A practical decision tree for preparation of all-ceramic CAD/CAM fabricated partial coverage restorations

Clinic 9
Faculty, Marquette University

Mohammadhossein Tajik, DDS MS
mohammadhossein.tajik@marquette.edu

Oral Probiotics: A review of the current evidence and reporting the results of a laboratory study on the effects of the marketed oral probiotics on the growth of clinical strains of Streptococcus mutans

Introduction to Oral Probiotics and the assumptions and theories behind their development and use, with a look at the current evidence, followed by a study report, looking at the ability of marketed oral probiotics to interfere with the growth of clinical strains of Streptococcus mutans.

Learning Objectives: 1. What are oral probiotics 2. How they possibly affect oral health 3. What is the current evidence on their use for oral health

Clinic 10
Resident, Naval Postgraduate Dental School

Thomas . Vu, DMD
tinthomasvu@gmail.com

Pursuing the Pontic: A novel bite registration technique for partial edentulism

VPS materials are highly accurate and stable, making them the ideal bite registration material in many cases. However, their low viscosity causes difficulty in crossing multiple or long-span sites of edentulism. This technique describes utilizing both VPS and rigid materials for accurate recording of jaw relation in these edentulous cases.

Learning Objectives: 1. Evaluate different types of bite registration materials and their advantages and disadvantages 2. Recognize the difficulty in obtaining accurate bite registration in cases with long span and/or multiple sites of partial edentulism 3. Learn a new technique of using a hard bite registration material for improving the accuracy of bite registrations in partial edentulism

Clinic 11
Private practice, Family Health Care Network

Mudit Krishna Yadav, BDS
mkydds@gmail.com

The Fillet Finish Line: lessons learned from mechanical engineering to optimize ceramic preparations

Various conscientious operators, researchers and authors have tried to describe the finish line for ceramic restorations by using terms like 'deep chamfer,' 'heavy chamfer,' 'modified chamfer,' 'radial shoulder,' or even a 'rounded shoulder.' Incidentally, mechanical engineering discusses similar design attributes when designing machined parts, and the word 'Fillet' has been used to describe it for many decades. This table clinic aims to present the history and current science of designing ceramic finish lines in dentistry and put forth an argument to unify these descriptions by taking lessons from a profession beyond the confines of ours.

Learning Objectives: 1. Learn to differentiate between Traditional/Modified/Deep Chamfer, Traditional/Radial/Rounded Shoulder. 2. Understand why the term 'Fillet' is a more accurate term to describe the optimal finish line for feldspathic, lithium disilicate and zirconia restorations. 3. Learn to ascertain the burs and axial reduction needed to clinically create the Fillet finish line for your choice of ceramic.

Clinic 12
Faculty, University of Illinois at Chicago

Camila A Zamperini, DDS PhD
cazamp82@uic.edu

Silver Diamine Fluoride Implementation at the University of Illinois Chicago Adult Comprehensive Dental Clinics

Silver diamine fluoride (SDF) is a non-restorative treatment for dental caries management. Although there is evidence supporting its effectiveness, SDF use in adult population is still limited. This Table Clinic aims to raise awareness about the SDF as an alternative to prevent or arrest non-cavitated and cavitated caries lesions in adults.

Learning Objectives: 1. Describe the steps involved in the Silver Diamine Fluoride (38% SDF) implementation at the UIC adult comprehensive dental clinics; 2. List the main challenges encountered throughout the implementation process and ways to overcome them; 3. Compare and contrast the first UIC 6-month results with the most recent available scientific literature.

Notes on:

Oral Probiotics: A review of the current evidence and reporting the results of a laboratory study on the effects of the marketed oral probiotics on the growth of clinical strains of Streptococcus mutans

Pursuing the Pontic: A novel bite registration technique for partial edentulism

The Fillet Finish Line: lessons learned from mechanical engineering to optimize ceramic preparations

Silver Diamine Fluoride Implementation at the University of Illinois Chicago Adult Comprehensive Dental Clinics

Rehabilitation of Fine motor skills in disabled dentists

Motor disabilities may pose a significant threat to a dentist’s clinical career. In this case study, a US dentist suffered from a stroke after which he lost all fine motor skills in his dominant hand. He was able to learn how to use the non-dominant hand to perform restorative work via dynamic dental learning process.

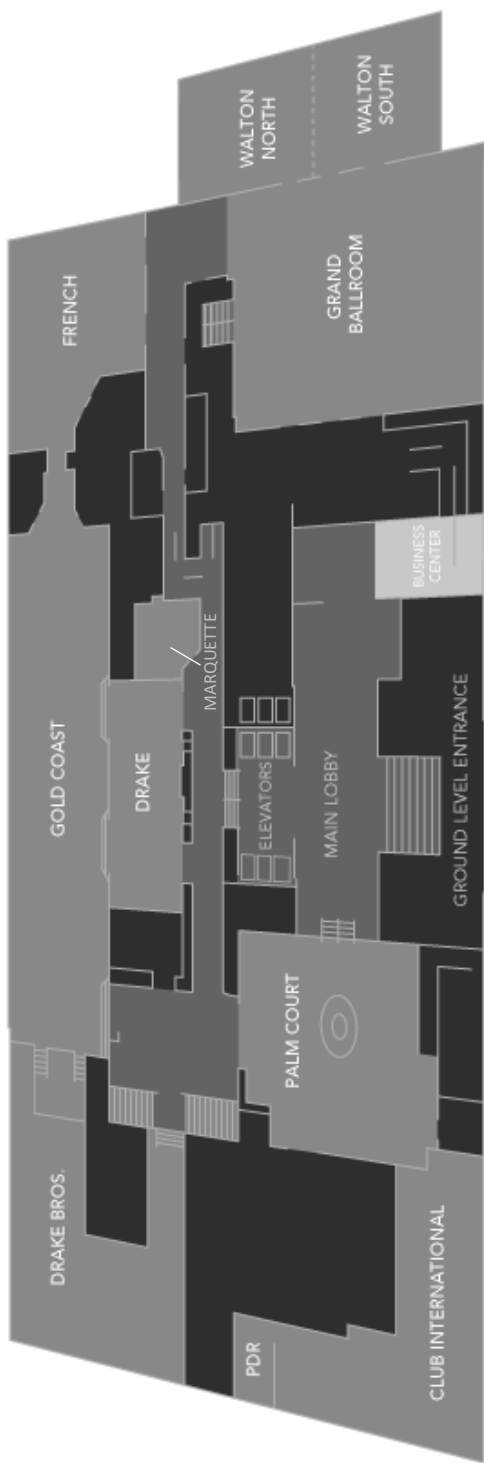
Learning Objectives: 1. Bring awareness to the risk factors that may lead to disabilities in clinical dentistry. 2. Realize the potential of utilizing non-dominant hand almost instantly in dental clinical practice via specialized dynamic dental learning. 3. Learn about the importance of creating a comprehensive specialized society to help disabled dentists return to practicing dentistry

General Notes:

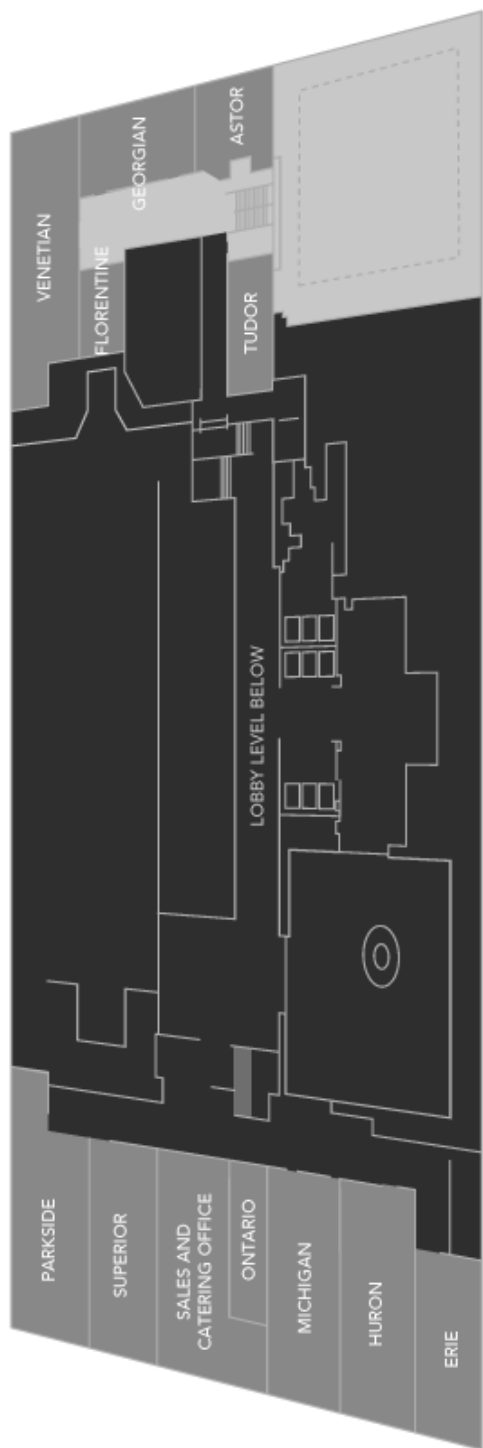
Notes:

Rehabilitation of Fine motor skills in disabled dentists

General Notes:



LOBBY LEVEL



MEZZANINE LEVEL

Reminder for New Information Use

The Academy of Operative Dentistry hopes you enjoy our 2022 Essay and Projected Clinic Program and that you find the presentations useful to you and your patients. We would caution, however, that all new materials and techniques have a learning curve and would advise that you look carefully at the information given at this meeting prior to incorporating it into your practice.

Continuing Education Information



This continuing education activity has been planned and implemented in accordance with the standards of the ADA Continuing Education Recognition Program (ADA CERP) through joint efforts between Operative Dentistry, Inc., and the Academy of Operative Dentistry.

Operative Dentistry, Inc. is an ADA CERP Recognized Provider. 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. Concerns or complaints about a CE provider may be directed to the provider or to ADA CERP at www.ada.org/goto/cerp.