

## **George A. Mandelaris, DDS, MS, FACD, FICD**

### **Curriculum Vitae**

#### **OFFICE ADDRESSES**

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Illinois State Dental License #19-024971    Illinois State Specialist (Periodontics) License #021-001938

#### **EDUCATION**

July 1996 - June 1999	University of Louisville, School of Dentistry (Louisville, Kentucky). Awarded Certificate in Periodontics and Master of Science (M.S.) Degree in Oral Biology.
Sept. 1992 - May 1996	University of Michigan, School of Dentistry (Ann Arbor, Michigan) Awarded Doctor of Dental Surgery (D.D.S.) Degree.
Sept. 1989 - May 1992	University of Michigan; College of Literature, Science and Arts. (Ann Arbor, Michigan).

#### **LICENSURE**

July 1, 2013 – July 1, 2015	Restricted License (No. P-142) as Assistant Clinical Professor; Department of Oral & Maxillofacial Surgery, Louisiana State University, School of Dentistry. (New Orleans, LA). Louisiana State Board of Dentistry.
June 2001 – Present	Associate Medical Staff, Department of Surgery, Division of Dentistry, Advocate Lutheran General Hospital (Park Ridge, IL)
May 2000 - Present	Board Certified in Periodontology and Dental Implant Surgery Diplomate, American Board of Periodontology (No. 1547)
February 2000 - 2003	State of Michigan Specialty License in Periodontology
November 1999 - 2003	State of Michigan Dental License
August 1999 - Present	State of Illinois Specialty License in Periodontology
July 1999 Periodontology	NorthEast Regional Specialty Board (NERB) Examination in
March 1999 - Present	State of Illinois Dental License
June 1996 – 2002	Commonwealth of Kentucky Dental License
September 1996	NorthEast Regional Board of Dental Examiners (NERB)

## **AWARDS and HONORS**

January 23, 2019	2018 recipient of The Saul Schluger Memorial Award for Clinical Excellence in Diagnosis and Treatment Planning. Bestowed on by the Seattle Study Club®. (Amelia Island, FL).
October 27, 2018	Special Citation Award from American Academy of Periodontology for Co-Chairing the Best Evidence Consensus on Cone Beam Computed Tomography (CBCT) in 2016-2017. This award is presented to individuals for outstanding work on an Academy committee or special project.
September 2017	2017 American Academy of Periodontology Clinical Research Award for the practice based research network publication: Scheyer ET, Heard R, Janakievski J, Mandelaris GA, Nevins M, Pickering S, Richardson C, Pope B, Toback G, Velasquez D. A randomized, controlled, multi-center clinical trial of post-extraction alveolar ridge preservation. <i>J Clin Periodontol</i> 2016; 43(12):1188-1199.
Nov. 1, 2016 – Present	Adjunct Clinical Assistant Professor, Department of Periodontics and Oral Medicine; University of Michigan, School of Dentistry (Ann Arbor, MI).
2016-2017	Co-Chairman, Best-Evidence Consensus Workshop on CBCT imaging in Periodontics commissioned by the American Academy of Periodontology.
November 2015	Fellow, International College of Dentists
November 2015	Fellow, American College of Dentists
May 2014	American Academy of Periodontology commissioned Periodontal Regenerative Medicine World Workshop. Participation by invitation only (52 periodontists selected worldwide to participate). Enhancing Periodontal Health Through Regenerative Approaches. (Chicago IL).
2014 – Present	Adjunct Clinical Assistant Professor, Department of Graduate Periodontics; University of Illinois, College of Dentistry (Chicago, IL).
2013 - 2015	Assistant Clinical Professor, Department of Oral and Maxillofacial Surgery; Louisiana State University, School of Dentistry (New Orleans, LA).
2013 – Present	Future Leaders of Implant Dentistry (FLOID) member (one of 9 internationally chosen members by Biomet 3i).
2012 – Present (iMc)	Original Inductee. McGuire Institute for Practice Based Research Network
2012 - Present	Examiner. Part II. American Board of Periodontology certification process
September 2011	Advisory Board Member and Teaching Faculty, Organogenesis Inc.
April 14-16, 2011	Selected as one of ten American clinicians to participate in the North American Advisory Group for Geistlich Pharmaceuticals at the International Osteology Symposium (Cannes, France).
2011 – current	Selected as an ad hoc reviewer for select articles submitted to the <i>International Journal of Periodontics and Restorative Dentistry</i> .

2008 - current	Selected as an ad hoc reviewer for select articles submitted to the <i>International Journal of Oral and Maxillofacial Implants</i> (the official publication of the Academy of Osseointegration).
2007 - current of	Selected as an ad hoc reviewer for select articles submitted to the <i>Journal of Periodontology</i> (the official publication of the American Academy of Periodontology).
September 1999	1999 Dr. and Mrs. Gerald M. Kramer Scholarship for Excellence Finalist. American Academy of Periodontology Foundation award for outstanding resident of the year based on clinical and academic achievement during graduate training.
September 1998	1997/1998 National Competition for Graduate Students: Case documentation of PerioGlas® and/or Atrisorb® sponsored by Block Drug Corporation; First Place Award.
January 1998	1998 Hellenic American Dental Society of Chicago Student Scholarship recipient.
May 1996	1996 recipient of the Max B. Winslow Award for clinical periodontics. University of Michigan, School of Dentistry.
March 1995	1995 American Association for Dental Research Student Research Fellowship recipient. University of Michigan, School of Dentistry.
March 1994	University of Michigan Student Research Group Fellowship recipient.

## **RESEARCH**

December 2013- 2016	A prospective, randomized, controlled, multi-center study with direct measure and histological evaluation comparing Geistlich Bio-Oss Collagen® + Geistlich Bio-Gide® and Oragraft DGC® + BioMend Extend® for posterior buccal dehiscence extraction site ridge preservation. <i>J Clin Periodontol</i> ; 2016; 43: 1188-1199.
October 2011 – October 2013	A post-market clinical, radiographic and histologic evaluation of demineralized freeze dried bone allograft in extraction socket procedures. Accell Connexus, Keystone Dental, Inc.
March 2011 – 2017	Clinical analysis of a biomimetic implant system. 5 year survival rates, marginal bone-level changes, and soft tissue esthetics. A Multi-center Single Arm Prospective Study on the Genesis Dental Implant system, Keystone Dental, Inc.
Sept. 1996 - June 1999	Masters Thesis: “The Effect of a Dilute Hydrogen Peroxide Mouthrinse As a Subgingival Lavage During Supportive Periodontal Maintenance Therapy. A 12 Month Clinical and Microbiological Investigation”.
March 1995 - May 1996	1995 American Association for Dental Research Student Research Fellowship recipient to conduct research project: “Comparison Between Modified Ultrasonic Tips, Diamond Bur to Hand Instrumentation in Furcation Molars: An <i>In Vitro</i> Study”.

- Winter 1995 and 1996 One of nine U of M dental students selected to participate in Dental Student Research Elective course (a seminar and laboratory course offered to students actively involved in research projects).
- Summer 1994 University of Michigan Student Research Group Fellowship Recipient to conduct research project: “Comparative Analysis Between Different Ultrasonic Scaler Tips to the Hand Instrumentation Based on Clinical Parameters of Periodontal Disease”.
- Summer 1993 Research Assistant for the study: “The Effect of Low Dosage Doxycycline in Patients with Periodontitis”. University of Michigan, School of Dentistry, Department of Graduate Periodontics.
- Summer 1993 Research Assistant for the study: “Molecular Regulation of the Parathyroid Hormone Receptor”. University of Michigan, School of Dentistry, Department of Periodontics/Prevention/Geriatrics.

## **PUBLICATIONS**

- 2019 Wang C-W, Yu S-H, **Mandelaris GA**, Wang H-L. Is phenotypic conversion therapy beneficial for patients receiving orthodontic treatment? An American Academy of Periodontology Best Evidence Review. *Submitted to Journal of Periodontology*
- 2018 **Mandelaris GA**, DeGroot BS. Surgically Facilitated Orthodontic Therapy (SFOT). In: Nares S. Advances in Periodontal Surgery- A Clinical Guide to Techniques and Interdisciplinary Approaches. Springer. 2019
- 2018 **Mandelaris GA**, DeGroot BS. The evolution of imaging and associated applications for implant surgery. In: Nevins M, Wang HL. Clinical Evolution in Implantology (for Optimum Patient Benefits). Chicago: Quintessence 2019
- 2018 Messieha Z, **Mandelaris GA**, Messieha V. Ofirmev reduces post-intubation, not post-surgical pain for SFOT. 2018 IADR Abstract. Presented at 2018 IADR (London, England).
- 2018 Stefanelli VL, DeGroot BS, Lipton DI, **Mandelaris GA**. Accuracy of a Dynamic Dental Implant Navigation System in a Private Practice. Accepted for publication to *Int J Oral Maxillofac Impl* 2019; 34(1):205-213.
- 2018 **Mandelaris GA**, Janakievski J. Milestone Studies. From A to Z, an overview about surgically assisted orthodontics. *Geistlich Biomaterials News* 2018; 12(1): 23-25
- 2018 Zimmo N, Saleh MHA, Sinjab K, Wang C-W, **Mandelaris GA**, Wang H-L. Corticotomy-Assisted Orthodontics for Canine Distalization: A Systematic Review and Meta-Analysis of Clinical Outcome Trials. *J Int Acad Periodontol* 2018; 20(0):1-10.
- 2018 **Mandelaris GA**, Stefanelli V, DeGroot B. Dynamic Navigation for Surgical Implant Placement. Overview of Technology, Key Concepts and a Case Report. *Compend Contin Educ Dent* 2018; 39(9):614-621.
- 2018 **Mandelaris GA**, DeGroot BS, Relle R, Shah B, Huang I, Vence BS. Surgically Facilitated Orthodontic Therapy (SFOT). Optimizing dentoalveolar bone and space appropriation for facially-prioritized

- interdisciplinary dentofacial therapy. *Compend Contin Educ Dent* 2018; 39(3): 146-156.
- 2017 **Mandelaris GA**, Scheyer ET, Evans M, Kim D, McAllister B, Nevins M, Rios H, Sarment D. American Academy of Periodontology's Best Evidence Consensus Statement on Selected Oral Applications for Cone-Beam Computed Tomography. *J Periodontol* 2017; 88(10): 939-945.
- 2017 **Mandelaris GA**, Neiva R, Chambrone L. American Academy of Periodontology Best Evidence Consensus on Cone Beam Computed Tomography and Interdisciplinary Dentofacial Therapy. A Systematic Review Focusing On Risk Assessment of the Dentoalveolar Bone Changes Influenced By Tooth Movement. *J Periodontol* 2017; 88(10): 960-977.
- 2017 **Mandelaris GA**, Angelopoulos C, Jacobs R, Levine RA, Scarfe WC. Planning and Assessment of Bone Reconstruction for Dental Implants. In: Angelopoulos C, Scarffe WC. Maxillofacial Cone Beam Computed Tomography: Principles, Techniques and Clinical Applications. Part IV. Clinical Applications. Chapter 21. Pgs 831-869. Springer Publishing. 2017.
- 2017 Zimmo N, Saleh MH, **Mandelaris GA**, Chan HL, Wang HL. Corticotomy Accelerated Orthodontics: A Comprehensive Review and Update. *Compend Contin Educ Dent* 2017; 38(1): 1-11
- 2017 Polack MA, Scheyer ET, Murphy KG, Arzadon JM, Rosenfeld AL, **Mandelaris GA**. A report of five cases from an ongoing prospective clinical study on a novel pink biomimetic implant system. *Compend Contin Educ Dent* 2017, 38(1): 2-19.
- 2016 Scheyer ET, Heard R, Janakievski J, **Mandelaris GA**, Nevins M, Pickering S, Richardson C, Pope B, Toback G, Velasquez D. A randomized, controlled, multi-center clinical trial of post-extraction alveolar ridge preservation. *J Clin Periodontol* 2016; 43(12):1188-1199.
- 2016 DeGroot BS, **Mandelaris GA**. Restorative leadership in the era of digital technology. *Inside Dentistry* 2016; 12(9): 2-5.
- 2016 **Mandelaris GA**. Restorative leadership in the digital era of implantology. *Compend Contin Educ Dent* 2016, 37(7): 488-491.
- 2015 **Mandelaris GA**, Spagnoli DB, Rosenfeld AL, McKee J, Lu M. Tissue engineering for lateral ridge augmentation with recombinant human bone morphogenetic protein-2 (rhBMP-2) combination therapy. A case report. *Int J Perio Rest Dent* 2015; 35(3): 325-333
- 2015 Rios HF, Bashutski JD, McAllister BS, Murakami S, Cobb CM, Chun YH, Lin Z, **Mandelaris GA**, Cochran DL. Emerging Regenerative Approaches for Periodontal Reconstruction: Practical Applications From the AAP Regeneration Workshop. *Clin Adv Periodontics* 2015; 5:40-46.
- 2015 Cochran DL, Cobb CM, Bashutski JD, Chun YH, Lin Z,

- Mandelaris GA**, McAllister BS, Rios HF. Emerging Regenerative Approaches for Periodontal Reconstruction: A Consensus Report. *J Periodontol* 2015;86 (Suppl.):193-196.
- 2015 Gibson CF, **Mandelaris GA**. Restoration of the anterior segment in a cleft palate in conjunction with surgically facilitated orthodontic therapy. An Interdisciplinary Approach. In: Dental Clinics of North America. Modern Concepts in Aesthetic Dentistry and Multi-Disciplined Reconstructive Grand Grounds. 2015; 59(3): 733-753.
- 2014 **Mandelaris GA**, Lu M. A clinical, histologic and histomorphometric evaluation of demineralized bone matrix allograft putty for extraction socket preservation prior to implant placement: A case series featuring two core biopsies from one grafted socket with CBCT imaging. *Dentistry Today* 2015; April; 15:43; *CE* 184; 1-16
- 2014 **Mandelaris GA**, Vlk SD. Guided implant surgery with placement of a pre-surgical CAD/CAM fabricated custom abutment and provisional in the esthetic zone: Case report of the one-abutment, one-time concept in the digital era. *Compend Contin Educ Dent* 2014; 35(7): 494-504.
- 2014 Testori T, Robiony M, Parenti A, Luongo G, Rosenfeld AL, Ganz SD, **Mandelaris GA**, Del Fabbro M. Evaluation of accuracy and precision of a new guided surgery system: a multicenter clinical study. *Int J Perio Rest Dent* 2014; 34(suppl):s59-s69.
- 2013 Baumgarten H, **Mandelaris GA**, Levin BP. 3-D Imaging: Changing the Diagnosis, Prognosis, and Interdisciplinary Treatment Landscape. Roundtable. *Compend Contin Educ Dent* 2013; (34)10:2-3.
- 2013 **Mandelaris GA**, Vence BS, Rosenfeld AL, Forbes DS. A Classification System for Crestal and Radicular Dentoalveolar Bone Phenotypes. *Int J Perio Rest Dent* 2013; 33(3): 289-296
- 2013 Ganeles J, **Mandelaris GA**, Rosenfeld A. Implant Guidance for Implants. Advanced digital tools help improve accuracy, predictability. *Inside Dentistry* 2013; 9(4):96-101.
- 2013 Suttin Z, Rosenfeld A, **Mandelaris G**, Towse R. Pre-Operative Visualization of Surgical Guide Instrumentation: A Proposed Protocol Improvement for CT Guided Dental Implant Surgery. Abstract presented at the 2013 Academy of Osseointegration.
- 2012 Testori T, Parenti A, Motroni A, Rinaldi M, Luongo G, Garrone R, Cocchetto R, **Mandelaris G**, Rosenfeld A, Robiony M. An evaluation of the accuracy and precision of a new guided surgery system: A Multicenter Study. *Italian Oral Surgery* 2012; 11(5)(SI):S187-200
- 2012 Califano JV, Rosenfeld AL, **Mandelaris GA**. A logical and progressive approach to CT guided implantology. *Clin Adv Periodontics* 2012; 2(4): 263-273.
- 2012 **Mandelaris GA**, Rosenfeld AL. CAD/CAM Surgical Guidance Using Cone Beam Computed Tomography. Chapter 9. Pages 146-197. In: Sarment D. Cone Beam Computed Tomography. Oral and Maxillofacial Applications. Ames: Wiley-Blackwell. 2014

- March 2012  
34 **Mandelaris GA**, Rosenfeld AL. Bone Anatomy. Chapter 2. pgs:14-34  
In: Sonick M, Hwang D. Implant Site Development. Ames: Wiley-Blackwell Publishing. 2012
- Fall 2011 Ganeles J, **Mandelaris GA**, Rosenfeld AL, Rose LF. Implant Surgical Guides. *Compend Cont Educ Dent* 2011; 32(special issue 4):52-55.
- Spring 2011 **Mandelaris GA**, Lu M, Rosenfeld AL. The utilization of a xenogeneic collagen matrix as an interpositional soft tissue graft to enhance peri-implant soft tissue outcomes. A clinical case report and histologic analysis. *Clin Adv Periodontics* 2011; 1(3):193-198.
- July 2010 **Mandelaris GA**, Rosenfeld AL, King S, Nevins ML. Computer guided implantology for precision implant positioning. Combining specialized stereolithographically generated drilling guides and surgical implant instrumentation. *Int J Perio Rest Dent* 2010;30(3):274-281.
- November 2009 **Mandelaris GA**, Rosenfeld AL. Alternative applications to guided surgery. Precise outlining of the lateral window in antral sinus bone grafting. *Journal of Oral & Maxillofacial Surgery* 2009; Suppl 3; 67:23-30.
- June 2009 Vence BS, **Mandelaris GA**, Forbes DP. Management of dentoalveolar ridge defects for implant site development: an interdisciplinary approach. *Compend Contin Educ Dent* 2009; (30)5:250-262.
- June 2009 **Mandelaris GA**, Rosenfeld AL, Tardieu PB. Chapter 8. Clinical Cases. Pages 113-178. In: Tardieu PB, Rosenfeld AL. The Art of Computer Guided Implantology. Chicago: Quintessence 2009.
- June 2009 **Mandelaris GA**, Rosenfeld AL. SurgiGuide Options. Chapter 6. Pages 67-88. In: Tardieu PB, Rosenfeld AL. The Art of Computer Guided Implantology. Chicago: Quintessence 2009.
- December 2008 **Mandelaris GA**, Rosenfeld AL. A novel approach to the antral sinus bone graft technique for precise outlining of the lateral wall. A case report. *Int J Perio Rest Dent* 2008; 28(6):568-575.
- June 2008 **Mandelaris GA**, Rosenfeld AL. The expanding influence of computed tomography and the application of computer guided implantology. *Prac Proced Aesthet Dent* 2008; 20(5):297-306.
- March 2008 **Mandelaris GA**, Rosenfeld AL. A novel approach to the antral sinus bone graft technique: Precise outlining of the lateral wall using SimPlant Module CMF for prototype cutting guides. A case report. *Dental Horizons* 2008; 5(1)3-6.
- October 2007 **Mandelaris GA**, Rosenfeld AL. Computer guided implantology and the era of collaborative accountability. Part II. *AAP News*. Perspectives in clinical practice. April – June 2007. Available at [www.perio.org](http://www.perio.org); Members section; Practice Management Resources.
- March 2007 **Mandelaris GA**, Rosenfeld AL. Computer guided implantology and the era of collaborative accountability. Part I. *AAP News*. Perspectives in clinical practice. April – June 2007; 12.
- October 2006 Rosenfeld AL, **Mandelaris GA**, Tardieu PB. Prosthetically directed implant placement using computer software to ensure precise placement and predictable prosthetic outcomes. Part III. Stereolithographic drilling

guides that do not require bone exposure and the immediate delivery of teeth. *Int J Perio Rest Dent* 2006;26(5):493-499.

- August 2006 Rosenfeld AL, **Mandelaris GA**, Tardieu PB. Prosthetically directed implant placement using computer software to ensure precise placement and predictable prosthetic outcomes. Part II. Rapid prototype medical modeling and stereolithographic drilling guides requiring bone exposure. *Int J Perio Rest Dent* 2006;26(4):347-353.
- June 2006 Rosenfeld AL, **Mandelaris GA**, Tardieu PB. Prosthetically directed implant placement using computer software to ensure precise placement and predictable prosthetic outcomes. Part I. Diagnostics, imaging and collaborative accountability. *Int J Perio Rest Dent* 2006;26(3):215-221.
- Spring 2006 **Mandelaris GA**, Rosenfeld AL. Is the technology trustworthy? Clinical transition from bone to tooth supported SurgiGuides. *Materialise Headlines* 2006.
- December 2004 **Mandelaris GA**, Rosenfeld AL. The Use of Tooth-Supported SurgiGuides for Minimally Invasive Implant Placement in the Anterior Maxilla: A Novel Approach. *Materialise Headlines* 2004; 3:2-3.
- June 2000 **Mandelaris GA**, Greenwell H, Drisko C, Mehlbauer MJ, Pickman K, Sheetz JP. The Effect of a Hydrogen Peroxide - Zinc Chloride Subgingival Lavage During Maintenance on the Bacterial Repopulation Rate. 1999 Annual Meeting Abstracts. *J Periodontol* 2000;71(7):1205.
- Feb. 1998 **Mandelaris GA**, Wang H-L, MacNeil RL. A Morphometric Analysis Of The Furcation Region Of Mandibular Molars. *Compend Contin Educ Dent* 1998; 19(2):113-120.
- Jan. 1996 **Mandelaris GA**, Wang H-L, MacNeil RL, Shyr Y, O'Neal RB. Cervical Enamel Projections in Mandibular Molars. Special Issue Abstracts. *J Dent Res* 75 (AADR Abstracts) 1996. #1557: page 143.
- Feb. 1995 **Mandelaris GA**, O'Neal RB, MacNeil RL, Shyr Y, Wang H-L. An Evaluation of Ultrasonic Scalers in Periodontal Maintenance Therapy. Special Issue 1995 Abstracts. *J Dent Res* 74 (AADR Abstracts) 1995. #961: page 132.

## **PRESENTATIONS**

- February 23, 2019 Dynamic Surgical Navigation for Dental Implant Surgery. American Academy of Restorative Dentistry 2019 Annual Session. Clinic Program. (Chicago, IL).
- January 18, 2019 Surgically Facilitated Orthodontic Therapy. An Interdisciplinary Approach. Keynote presentation to the Niagara Peninsula Dental Association. (St Catherine's, Ontario, Canada)
- October 29, 2018 The State of Dynamic Navigation Technology and Workflow. 104<sup>th</sup> Annual Meeting of the American Academy of Periodontology Annual Session. Vancouver, British Columbia, Canada. Focused CE Course.



- October 26, 2018                      Dynamic Surgical Navigation and Surgically Facilitated Orthodontic Therapy (SFOT). An all-day lecture and hands-on workshop. 104<sup>th</sup> Annual Meeting of the American Academy of Periodontology Annual Session. Vancouver, British Columbia, Canada.
- September 26, 2018                      Surgically Facilitated Orthodontic Therapy (SFOT). Optimizing dentoalveolar bone and space appropriation for facially-prioritized interdisciplinary dentofacial therapy. The gIDE Annual Global Symposium. Main podium presentation. (Santa Monica, CA)
- August 3, 2018                              Surgically Facilitated Orthodontic Therapy (SFOT). Optimizing dentoalveolar bone and space appropriation for facially-prioritized interdisciplinary dentofacial therapy. The American Academy of Esthetic Dentistry Annual Session. Main podium presentation with Dr. Brian Vence. (Rancho Palos Verdes, CA)
- June 16, 2018                                Digital Revolution in Periodontal and Implant Treatment. The 12<sup>th</sup> Ramfjord Symposium at The University of Michigan, School of Dentistry. (Ann Arbor, MI)
- May 19, 2018                                Surgically Facilitated Orthodontic Therapy. An Interdisciplinary Approach. Half day and keynote presentation to the California Society of Periodontists. (Yosemite, CA)
- May 19, 2018                                Surgically Facilitated Orthodontic Therapy. An Interdisciplinary Approach. Half day presentation on behalf of Dr Yan Razdolsky and Forever Smiles. (Schaumburg, IL)
- April 24, 2018                                Surgically Facilitated Orthodontic Therapy. An Interdisciplinary Approach. Evening presentation to the Polish Dental Society of Chicago. (Westchester, IL)
- February 28, 2018                              Dynamic Surgical Navigation from a Periodontist's Perspective. Corporate Forum lecture for Navident. Academy of Osseointegration. 2018 Annual Session. Los Angeles, California.
- January 12, 2018                                Surgically Facilitated Orthodontic Therapy. An Interdisciplinary Approach. All day presentation to the USAF Periodontics Residency, Air Force Postgraduate Dental School. Joint Base San Antonio-Lackland, TX.
- October 21, 2017                                Surgically Facilitated Orthodontic Therapy. An Interdisciplinary Approach. Presented to the Metz Center for Sleep Dentistry. A Ten Year Anniversary Consensus. (Columbus, Ohio)
- September 23, 2017                              Surgically Facilitated Orthodontic Therapy. An Interdisciplinary Approach. All day presentation to the Florida Academy of Cosmetic Dentists (Orlando, FL)
- May 19, 2017                                    Surgically Facilitated Orthodontic Therapy for space appropriation to optimize oral cavity volume. Is there an influence on the airway? American Thoracic Society 2017 Annual Meeting. Oral Appliance Therapy and Related Topics in Dental Sleep Medicine. (Washington DC)
- February 25, 2017                                Surgically Facilitated Orthodontic Therapy. An Interdisciplinary Approach. All day presentation with Dr. Brian Vence to the Midwest Society of Periodontology. (Chicago, IL)

January 13, 2017	Surgically Facilitated Orthodontic Therapy- An Interdisciplinary Approach. All day lecture to the Milwaukee Dental Forum. (Milwaukee, WI).
November 4, 2016	Surgically Facilitated Orthodontic Therapy- An Interdisciplinary Approach. Half day lecture to the University of Michigan, School of Dentistry, Department of Graduate Periodontics. (Ann Arbor, MI).
September 13, 2016	Imaging from a Periodontist's Perspective. Focused CE session lecture at the 2016 American Academy of Periodontology's Annual Session (San Diego, CA).
September 11, 2016	Surgically Facilitated Orthodontic Treatment: Expanded Indications. Main podium presentation at the 2016 American Academy of Periodontology's Annual Session (San Diego, CA).
June 18, 2016	Dentoalveolar and Alveoloskeletal Bone Tissue Engineering: Expanding the Limits and Reversing the Risks. Main podium presentation at the 12 <sup>th</sup> International Symposium on Periodontics and Restorative Dentistry presented by the Quintessence International Publishing Group. (Boston, MA)
April 29, 2016	Dentoalveolar and Alveoloskeletal Bone Tissue Engineering: Expanding the Limits and Reversing the Risks. Main podium presentation at the 2016 Scientific Session of the American Academy of Cosmetic Dentistry. (Toronto, ON; Canada)
January 27, 2016	Surgically Facilitated Orthodontic Therapy. Main podium presentation at the 2016 Seattle Study Club Symposium. (Kona, HI)
January 22, 2016	Imaging from a Periodontists Perspective. All day lecture to the Fairfield County Dental Club. (Fairfield, CT)
January 9, 2016	Imaging from a Periodontists Perspective. Guest lecture at the University of Texas Health Science Center- San Antonio, Department of Graduate Periodontics. (San Antonio, TX)
October 6, 2015	Tissue Engineering for Bone Reconstruction in Implant Site Development. Presented to the North Michigan Avenue Study Club. (Chicago, IL)
October 2, 2015	Imaging from a Periodontist's Perspective. Main podium presentation at the 66 <sup>th</sup> Scientific Meeting of the American Association of Oral and Maxillofacial Radiology. (Indianapolis, IN)
September 24, 2016	Imaging from a Periodontist's Perspective. All day lecture presented to the Department of Graduate Periodontics, University of Louisville, School of Dentistry. (Louisville, KY)
June 13, 2015	Tissue Engineering for Bone Reconstruction in Implant Site Development. Main podium presentation at the 2015 Central and Western District Annual Meeting of the American Academy of Implant Dentistry. (Chicago, IL)
April 18, 2015	The Digital Treatment Workflow Utilizing SimPlant Planning Software.

- Main podium presentation at the BioHorizons 2015 Global Symposium.  
(Los Angeles, CA)
- February 28, 2015 Tissue Engineering for Bone Reconstruction in Implant Site Development. Main podium presentation for the essay program at the 2015 Annual Meeting of the American Academy of Restorative Dentistry. (Chicago, IL)
- February 26, 2015 presentation Imaging from a Periodontist's Perspective. Main podium at the 60<sup>th</sup> Scientific Meeting of the American Equilibration Society - Interdisciplinary Dentistry in the 21<sup>st</sup> Century. (Chicago, IL)
- February 23, 2015 Frontier Surgically Facilitated Orthodontic Therapy. The Next In Interdisciplinary Dentofacial Therapy. Guest lecture presented to the 32nd Annual International Interdisciplinary Dental Conference. (Telluride, CO)
- December 4, 2014 Frontier Surgically Facilitated Orthodontic Therapy. The Next In Interdisciplinary Dentofacial Therapy. Guest lecture presented to the Departments of Graduate Orthodontics and Graduate Periodontics at the University of Illinois, College of Dentistry. (Chicago, IL).
- October 28, 2014 Imaging from the Periodontists Perspective. Guest lecture presented to 2014 Harvard School of Dental Medicine. (Boston, MA) continuing education symposium: A comprehensive approach to implant therapy.
- October 17, 2014 Surgically Facilitated Orthodontic Therapy. The Next Frontier In Interdisciplinary Dentofacial Therapy. Presented to the Seattle Study Club of Dr. Michael Cohen (Seattle, WA).
- October 9, 2014 Surgically Facilitated Orthodontic Therapy. The Next Frontier In Interdisciplinary Dentofacial Therapy. Guest lecture presented to the Departments of Graduate Orthodontics and Graduate Periodontics at the University of Pennsylvania, School of Dental Medicine. (Philadelphia, PA).
- September 20, 2014 Bone graft overview. BioHorizons and Medtronic Biologics Partner dinner lecture hosted during the American Academy of Periodontology Annual Session. (San Francisco, CA)
- June 19, 2014 CBCT and software directed oral and facial reconstruction. Main podium presentation with Dr. Dan Spagnoli. 2014 Dental XP Global Symposium. (Hollywood, FL)
- January 24, 2014 Imaging From a Periodontist's Perspective and Collaboration in the 4<sup>th</sup> Dimension with CT guided implantology. Presented to the Southern Academy of Periodontology. (Atlanta, GA)
- May 31, 2013 Imaging From a Periodontist's Perspective and Collaboration in the 4<sup>th</sup> Dimension. Presented to the University of Michigan, School of Dentistry, Department of Graduate Periodontics. (Ann Arbor, MI)
- April 26, 2013 Dental Implants- Collaboration in the 4<sup>th</sup> Dimension. Presented at the Jack Kent Oral and Maxillofacial Surgery Foundation sponsored "Oral

And Maxillofacial Surgery Pearls II". (New Orleans, LA)

- February 8, 2013      Imaging from the Periodontists Perspective. Main Podium Presentation. A Collaborative Approach for Today's Patient-Orthodontists and Periodontists Working Together. American Association of Orthodontists – American Academy of Periodontology (AAO-AAP) Joint Winter Conference. (Palm Desert, CA, USA).
- January 26, 2013      Collaboration in the 4<sup>th</sup> Dimension. Presented to the LSU School of Dentistry Graduate Departments on behalf of the Department of Oral and Maxillofacial Surgery. (New Orleans, LA)
- November 2, 2012      Limitations and Potential for Technological Surgical Placement of Implants. Presented to the NorthEast Society of Periodontists Fall Meeting with Dr. Alan Rosenfeld. (New York, New York).
- October 2, 2012      Enhancing Esthetic and Functional Restorative Outcomes through Interdisciplinary Therapy. General Session - Main Podium Presentation at the American Academy of Periodontology's 98 Annual Meeting. (Los Angeles, CA) with Drs. Brian Vence and David Forbes.
- September 18, 2012      Surgically Facilitated Orthodontic Therapy. A Game Changer for Interdisciplinary Dentofacial Therapy. Presented to the Chicago Dental Forum. (Chicago, IL)
- September 13-14, 2012      Treatment Planning in the 4<sup>th</sup> Dimension. The Era of CBCT Imaging in Periodontics. Presentation given to the Seattle Study of Atlanta and the ITI study club of Atlanta (Atlanta, GA).
- May 17, 2012      Treatment Planning in the 4<sup>th</sup> Dimension. The Era of CBCT Imaging in Periodontics. Presentation given on behalf of the Carestream Dental Educational Initiative to Periodontists. (Milwaukee, WI)
- April 19, 2012      Clinical Myths and Realities of Computer Guided Implant Therapy. Presented at the International Congress of Oral Implantologists (ICOI) Spring Symposium. (Toronto, Ontario, Canada).
- April 7, 2012  
in      Treatment Planning in the 4<sup>th</sup> Dimension. The Era of CBCT Imaging in Periodontics. Presentation given on behalf of the Carestream Dental Educational Initiative to Periodontists. (Houston, TX).
- April 7, 2012      Treatment Planning in the 4<sup>th</sup> Dimension. The Era of CBCT Imaging in Periodontics. Presentation given on behalf of the Carestream Dental Educational Initiative to Periodontists. (Seattle, WA).
- March 10, 2012      Treatment Planning in the 4<sup>th</sup> Dimension. The Emerging Specialty Specific CBCT for the Periodontist. Carestream Dental 2012 3D symposium (Atlanta, GA).
- February 27, 2012      Periodontology in the 4<sup>th</sup> Dimension. Collaborative Accountability and Restorative Leadership. Evening presentation given to the Department of Oral and Maxillofacial Surgery, Loyola University, Strich School of Medicine. (Maywood, IL).

- February 25, 2012 Periodontology in the 4<sup>th</sup> Dimension. Collaborative Accountability and Restorative Leadership Biologic shaping for natural teeth. Contemporary Periodontology and Implant surgery. Presented to the Chicago Dental Societies Midwinter Meeting on behalf of the Illinois Society of Periodontists. (Chicago, IL)
- February 18, 2012  
Imaging in Treatment Planning in the 4<sup>th</sup> Dimension. The Era of CBCT Periodontics. Presentation given on behalf of the Carestream Dental Educational Initiative to Periodontists. (Brooklyn, NY).
- November 14, 2011 Clinical Myths and Realities of CT Guided Implant Therapy. Presented at the Continuing Education Session at the 98<sup>th</sup> Annual American Academy of Periodontology Meeting (Miami, FL).
- November 13, 2011 Alternative Applications of Guided Surgery in Antral Sinus Bone Grafting. Presented at the Innovations in Periodontics Session at the 98<sup>th</sup> Annual American Academy of Periodontology Meeting (Miami, FL).
- November 12, 2011 Treatment Planning in the 4<sup>th</sup> Dimension. The Era of CBCT Imaging in Periodontics. Two separate presentations at the Carestream Dental Corporate Forum during the 98<sup>th</sup> Annual American Academy of Periodontology Meeting (Miami, FL).
- November 3, 2011 Clinical Myths and Realities of Computer Applications for Implant and Periodontal Diagnosis and Surgery. Presented to the Dawson-Pankey Study Club of Dupage County (Darien, IL)
- October 12, 2011 Treatment Planning in the 4<sup>th</sup> Dimension. The Era of CBCT Imaging in Periodontics. Evening presentation given on behalf of the Carestream Dental Educational Initiative to Periodontists. (Pikesville, MD).
- October 1, 2011 Treatment Planning in the 4<sup>th</sup> Dimension. The Era of CBCT Imaging in Periodontics. ½ day presentation given on behalf of the Carestream Dental Educational Initiative to Periodontists. (Teaneck, NJ).
- September 10, 2011 Treatment Planning in the 4<sup>th</sup> Dimension. The Era of CBCT Imaging in Periodontics. ½ day presentation given on behalf of the Carestream Dental Educational Initiative to Periodontists. (Washington, DC).
- March 3-4, 2011 Mandelaris GA, Lu M, Rosenfeld AL. The utilization of a xenogeneic collagen matrix as an interpositional soft tissue graft to enhance peri-implant soft tissue outcomes. A clinical case report and histological analysis. Poster presentation made during the 26<sup>th</sup> Annual meeting of the Academy of Osseointegration. (Washington, DC).
- May 12, 2010 Principles of Computer Guided Implantology. Half day presentation hosted by the periodontal and implant practice of Dr. David Cohen. (Crystal Lake, IL).
- February 2, 2010 Principles of Computer Guided Implantology. Evening presentation hosted by the oral and maxillofacial practice of Dr. Nader Moavenian. (Nashua, NH).
- December 12<sup>th</sup>, 2009 Principles of Computer Guided Implantology. Level I. All day lecture on for the SimPlant Academy. (Portland, OR)

- September 13, 2009 A Private Practice Based Clinical Research Network to Evaluate the Functional and Esthetic Outcomes of Immediate Provisionalization of Implants Placed into Fresh Extraction Sites. Presented at the Innovations in Periodontics section at the 95<sup>th</sup> annual session of American Academy of Periodontology. (Boston, MA)
- August 14, 2009 Principles of Computer Guided Implantology. Lecture and live surgery on CT guided technology at the University of Louisville, School of Dentistry, Department of Graduate Periodontics. (Louisville, KY).
- April 17<sup>th</sup>, 2009 Principles of Computer Guided Implantology. All day lecture to the Dawson-Pankey Study Club of DuPage County. (Downers Grove, IL)
- March 17, 2009 Is restorative leadership a myth? How to ensure collaborative accountability using computer guided implantology. Presented to the Fox River Valley Dental Society (Geneva, IL)
- March 1, 2009 Is restorative leadership a myth? How to ensure collaborative accountability using computer guided implantology. Presented to the American Academy of Restorative Dentistry. (Chicago, IL)
- February 28, 2009  
implantology. Collaborative accountability and the art of computer guided  
Presented to the Chicago Dental Societies Midwinter Meeting on behalf of the Illinois Society of Periodontists. (Chicago, IL)
- February 27, 2008 Principles of Computer Guided Implantology. All day presentation to the 2009 Midwest Society of Periodontology's Annual Session. (Chicago, IL)
- November 13-14, 2008 Collaborative Accountability and the Art of Guided Implantology. Presented to the Premiere study club and Master's study club (Seattle, WA).
- November 6-8, 2008 Collaborative Accountability and the Art of Guided Implantology. Live surgery demonstration of a prototype cutting guide for precise outlining of the lateral window. Presented at PerioHealth Seminars for Drs. Mike McGuire and E. Todd Scheyer (Houston, Texas).
- May 31, 2008 Sinus floor augmentation in the atrophic maxilla: A novel approach using guided surgery with and without simultaneous implant placement. Presented at the 2008 Materialise SimPlant Academy World Conference (Vienna, Austria).
- May 16, 2008 Collaborative Accountability and the Art of Guided Implantology. Presented on behalf of RDH Health Services. (Troy, MI).
- May 15, 2008. Collaborative Accountability and Computer Guided Implantology. Presented to the University of Michigan, School of Dentistry, Graduate Periodontal Residents. (Ann Arbor, MI)
- April 30, 2008 Reaching the next level with computer guided implantology. Presented to the Connecticut Society of Periodontists Annual Spring Meeting entitled "Rising Stars In Periodontics" (Cromwell, CT).

- April 24, 2008 CT Guidance Technology. All day lecture presented at the Biomet 3i Global Symposium. (Chicago, IL)
- April 11-12, 2008 lecture Clinical applications in Computer Guided Implantology. 2 day presented to beginner and advanced SimPlant users. (Seattle, WA)
- October 24, 2007 Computer Guided Implantology and the evolution of Collaborative Accountability. Presented to the Dawson-Pankey Study Club of Dupage County (Downers Grove, IL)
- August 24-25, 2007 Clinical applications in Computer Guided Implantology. 2 day lecture presented to advanced SimPlant users. (Lisle, IL)
- June 1-2, 2007 Collaborative Accountability. The philosophical mantra for prosthetically directed implant therapy. Materialise World Symposium (Washington, DC).
- March 3-4, 2007 Selected to participate in the opinion leaders conference sponsored by Johnson and Johnson and hosted by The Avenues Company. "The use of Ossix Plus bioresorbable collagen membrane. Clinical assessment based on 3 months of personal experience". (Phoenix, AZ).
- February 9, 2007 Computer Guided Implantology Level One Training Course (Dallas, Texas) Sponsored by Materialise Dental USA.
- November 3-4, 2006 Computer Guided Implantology Level One Training Course held in Houston, Texas sponsored by Drs. Michael McGuire and E. Todd Scheyer. Sponsored by Materialise Dental USA and Implant Innovations (3i).
- September 15, 2006 Selected to participate in "The Next Big Ideas: Emerging Technologies and Rising Stars in Periodontology" sponsored by The Avenues Company held in conjunction with the 92<sup>nd</sup> annual meeting of the American Academy of Periodontology. Presented with Dr. Alan Rosenfeld on Computer Guided Implantology on behalf of Materialise Dental. (San Diego, CA)
- July 28-30, 2006 Selected to participate in "The Next Big Ideas: Emerging Technologies and Rising Stars in Periodontology" sponsored by The Avenues Company. Presented with Dr. Alan Rosenfeld on Computer Guided Implantology on behalf of Materialise Dental. (Sedona, AZ)
- April 14, 2006 A collaborative strategy to immediate loading of dental implants. Presented to the University of Louisville, Graduate Periodontal Residency Program (Louisville, KY).
- January 17, 2006 A collaborative strategy to immediate loading of dental implants. Presented to the Wheaton Dental Society Study Club (Wheaton, IL).
- November 17, 2005 The New Era of Implantology. The use of 3D imaging, stereolithographic modeling and surgical guides to deliver prosthetically directed treatment outcomes. Presented to study club of Drs. Michael McGuire and E. Todd Scheyer (Houston, TX).
- November 5, 2005 The evolution of collaborative accountability and the achievement of predictable implant supported prosthetic outcomes. Co-presentation with Dr. Dennis Hartlieb at the 2005 Materialise World Symposium (Chicago, IL).

May 4, 2005	The New Era of Implantology. The use of 3D imaging, stereolithographic modeling and surgical guides to deliver prosthetically directed treatment outcomes. Computer Guided Implantology Seminar with SimPlant Training (Co-sponsored by Facial Imaging) (Rocky Hill, CT).
September 21, 2004	“Collaborative Accountability: Management of diagnostic information, planning and execution of minimally invasive implant installation in the esthetic zone. Absolute anchorage for orthodontic therapy” presented to the Chicago Academy of Dental Research. (Chicago, IL)
June 3, 2004	Ob/Gyn M & M grand rounds presenter at Lutheran General Hospital on “The relationship between Pre Term Low Birth Weight and Inflammatory Periodontitis”. (Park Ridge, IL)
November, 2003	Dental Management of the Cancer Patient. Protocol for Patient Management. Lutheran General Hospital (Park Ridge, IL).
September 16, 2003	Guest presenter to the Chicago Dental Forum Study Club on “Management of Diagnostic Information in the Development of an Anterior Esthetic Prosthetically Directed Implant Restoration”. (Chicago, IL)
Sept. 1999	Selected for poster presentation of “Effect of a Hydrogen Peroxide - Zinc Chloride Subgingival Lavage During Maintenance on the Bacterial Repopulation Rate.” American Academy of Periodontology’s 86 <sup>th</sup> Annual Session (San Antonio, Texas).
Mar. 13 - 17, 1996 in	Selected for poster presentation of: "Cervical Enamel Projections Mandibular Molars" at the 1996 American Association for Dental Research’s Annual Session (San Francisco, California).
Mar. 8 - 12, 1995	Selected for poster presentation of: "An Evaluation of Ultrasonic Scalers in Periodontal Maintenance Therapy" at the 1995 American Association for Dental Research’s Annual Session (San Antonio, TX).
Feb. 5, 1995 Table	Poster presentation of "An Evaluation of Ultrasonic Scalers in Periodontal Maintenance Therapy" at the University of Michigan Clinics.
Nov. 5, 1995	Selected for poster presentation of "An Evaluation of Ultrasonic Scalers in Periodontal Maintenance Therapy" at the annual University of Michigan - Ohio State University Dental Student Research Duel.

## **WORK EXPERIENCE**

2010 – Present	Owner and Periodontal/Dentoalveolar Bone Surgeon. Periodontal Medicine & Surgical Specialists, LTD. Park Ridge & Oakbrook Terrace, IL,
May 2005- 2010	Full partner. Rosenfeld and Mandelaris, Ltd. (Park Ridge and Oakbrook Terrace IL, USA).
October 1, 2000 – May 2005	Associate Periodontist, Rosenfeld and Associates (Park Ridge, IL & Oakbrook Terrace, IL).
December 1999 - Sept 2000	Associate Periodontist; Benson C. Duff, DDS, MS, MS, PC. (Grand Blanc, MI). Associate Periodontist; Dental Specialty Center of Grand Blanc (Grand Blanc, MI).



June 2000 – August 2000	Clinical Assistant Instructor, University of Michigan, School of Dentistry, Dept. of Periodontics/Prevention/Geriatrics.
Sept. 1994 - May 1996 project	Employed by University of Michigan, School of Dentistry, Graduate Periodontics Department via work-study program. Position entailed assisting during periodontal surgeries, research responsibilities, and categorizing >1000 abstracts of periodontal literature for a graduate database system.
Summers 1993 and 1994	Surgical and Research Assistant in the Graduate Periodontics/Periodontal Surgery Clinic at the University of Michigan, School of Dentistry for faculty and graduate students.
Apr. 1992 - Aug. 1992	Assisted in the Pediatric Dental office of Richard Mandelaris, DMD (Davis, CA). Position included clinical dental assisting as well as secretarial/managerial duties. Assisted in hospital and emergencies cases.
Sept. 1991 - Apr. 1993	Chairside Assistant, Dr. James Berg (General Dentistry; Ypsilanti, MI).
Feb. 1990 - Aug. 1991	Assistant, Mark W. Adams, DDS, MS (Prosthodontist; Flint, MI).

### **EXTERNSHIPS**

May 15, 1995 - May 26, 1995	Two week Graduate Periodontal Residency Extern at Northwestern University Dental School (Department of Graduate Periodontics).
Dec. 23, 1994 - Jan. 2, 1995	Two week Hospital Dentistry Extern at the University of Michigan Hospitals (Department of Hospital Dentistry).

### **PROFESSIONAL ASSOCIATIONS**

2015 – Present	American Society of Bone and Mineral Research, Member
2014 – Present	American Academy of Oral and Maxillofacial Radiology, Associate Member
2014- Present	American Academy of Restorative Dentistry, Member.
2013 – Present	American Dental Society of Anesthesiology, Member
2013 – 2014	Immediate Past-President, Illinois Society of Periodontists
2012 – 2013	President, Illinois Society of Periodontists
2011 – 2012	President-Elect, Illinois Society of Periodontists
2009 - Present Treasurer	Illinois Society of Periodontology, Member. 2009-2011 Secretary
2009 – Present	International Team for Implantology (ITI), Member
2004 – Present	Society for Contemporary and Progressive Periodontology, President.
2000 – Present	Illinois State Dental Society, Member
2000 – Present	Chicago Dental Society, Member

2000 - Present	Midwest Society of Periodontology, Member
1998 - Present	Academy of Osseointegration, Member
1996 - Present	American Academy of Periodontology, Member
1996 – Present	Hellenic American Dental Society, Member and President (2006)
1996 - 2000	Southern Academy of Periodontology, Student Member
1996 - Present	Academy of Laser Dentistry, Student Member
1996 - 2000	Kentucky Dental Association, Member
1994 - 1999	American Association for Dental Research, Member
1992 - Present	American Dental Association, Member
1992 - 2001	Michigan Dental Association, Member

### **CONTINUING EDUCATION**

2019 Dentistry.	89 <sup>th</sup> Annual session of the American Academy of Restorative (Chicago, IL)  26 <sup>th</sup> Annual Seattle Study Club Symposium. (Amelia Island, FL).
2018	104 <sup>th</sup> Annual Session of the American Academy of Periodontology (Vancouver, BC, Canada)  American Academy of Esthetic Dentistry Annual Session. (Rancho Palos Verdes, CA).  88 <sup>th</sup> Annual Session of the American Academy of Restorative Dentistry. (Chicago, IL)
2017	103 <sup>rd</sup> Annual Session of the American Academy of Periodontology (Boston, MA)  87 <sup>th</sup> Annual session of the American Academy of Restorative Dentistry. (Chicago, IL)
December 4-5, 2016	Minimal and Moderate Sedation. American Society of Dental Anesthesiology Annual Conference. (Chicago, IL)
September 10-13, 2016	102 <sup>nd</sup> Annual Session of the American Academy of Periodontology (San Diego, CA).
August 2-6, 2016	American Academy of Esthetic Dentistry Annual Session. (Dana Point, CA).

June 17-19, 2016	12 <sup>th</sup> International Symposium on Periodontics and Restorative Dentistry (Boston, MA).
February 27-28, 2016	86 <sup>th</sup> Annual Session of the American Academy of Restorative Dentistry. (Chicago, IL)
December 4-5, 2015	Minimal and Moderate Sedation. American Society of Dental Anesthesiology Annual Conference. (Chicago, IL)
November 14-17, 2015 Periodontology	The 101 <sup>th</sup> Annual Session of the American Academy of (Orlando, FL).
October 2-3, 2015	66 <sup>th</sup> Annual Session of the American Association for Oral and Maxillofacial Radiology. (Indianapolis, IN)
March 13-14, 2015	2015 Wilckodontics® Seminar (Erie, PA). Certification in Accelerated Osteogenic Orthodontics (AOO).
February 27-28, 2015	85 <sup>th</sup> Annual Session of the American Academy of Restorative Dentistry. (Chicago, IL)
December 6-7, 2014	General Anesthesia and Deep Sedation. American Society of Dental Anesthesiology Annual Conference. (Chicago, IL)
September 18-21, 2014 Periodontology	The 100 <sup>th</sup> Annual Session of the American Academy of (San Francisco, CA).
March 20-22, 2014	Advanced Hard and Soft Tissue Regenerative Techniques in Implant Therapy. 3 day Theoretical, Hands-on and Live Surgery course given by Dr. Istvan Urban. (Budapest, Hungary).
February 22-23, 2014	84 <sup>th</sup> Annual Session of the American Academy of Restorative Dentistry. (Chicago, IL)
December 8-9, 2013	General Anesthesia and Deep Sedation. American Society of Dental Anesthesiology Annual Conference. (Chicago, IL)
February 23 – 24, 2013	83 <sup>rd</sup> Annual Session of the American Academy of Restorative Dentistry. (Chicago, IL)
September 29 - October 2, 2012	The 98 <sup>th</sup> Annual Session of the American Academy of Periodontology (Los Angeles, CA).
March 30-31, 2012	2012 Wilckodontics® Seminar (Erie, PA). Certification in Accelerated Osteogenic Orthodontics (AOO).
February 25-26, 2012	The 82 <sup>nd</sup> Annual Meeting of the American Academy of Restorative Dentistry (Chicago, IL)

November 12-15, 2011	The 96th Annual Session of the American Academy of Periodontology (Miami, FL).
February 27 – 28, 2010	80 <sup>th</sup> Annual Session of the American Academy of Restorative Dentistry. (Chicago, IL)
December 5, 2009 anesthesia: A team	Managing complications during sedation and general approach to crisis resource management (CRM). Hi fidelity human simulation course presented by the American Society of Dental Anesthesiology. (Chicago, IL)
December 4-6, 2009	2009 American Academy of Oral & Maxillofacial Surgeons Dental Implant Conference Annual Meeting. (Chicago, IL)
November 13-15, 2009 efficiency.	Enhanced orthognathic surgery and increased orthodontic A paradigm shift. The William Bell Lectureship. (Dallas, TX)
September 11 – 14, 2009 Periodontology	The 95th Annual Session of the American Academy of (Boston, MA).
September 7 – 10, 2008	The 94th Annual Session of the American Academy of Periodontology (Seattle, WA).
May 30-31, 2008	2008 Materialise SimPlant World Symposium (Vienna, Austria).
April 25-26, 2008 (Chicago, IL).	2008 Biomet 3i Global Symposium on Implant Dentistry
September 26-30, 2007	The 93rd Annual Session of the American Academy of Periodontology (Washington, DC).
September 16-20, 2006	The 92nd Annual Session of the American Academy of Periodontology (San Diego, CA).
February 24-25, 2006	The changing role of the contemporary periodontist. 2006 Annual session of the Midwest Society of Periodontology (Chicago, IL).
February 21-22, 2006	Occlusion on titanium. 2006 Annual Session of the American Equilibration Society (Chicago, IL)
October 28, 2005	Management and avoidance of complications in implant therapy. The NorthEast Society of Periodontists (NESP) Annual Session (New York City, NY).
October 24, 2005	The utilization of micro-implants in orthodontic anchorage presented by Dr. Hee-Moon Kyung. Illinois Society of Orthodontists Annual Session (Oakbrook Terrace, IL).
September 25-27, 2005 Periodontology	The 91st Annual Session of the American Academy of (Denver, CO).
September 15-17, 2005	Advanced Bone Grafting. MAP Implant Institute Dr. Michael Pikos (Palm Harbor, Florida).

November 14-16, 2004	The 90th Annual Session of the American Academy of Periodontology (Orlando, FL).
October 3 – October 6, 2004	Complex Interdisciplinary Considerations. Continuum Level V-A. The L.D. Pankey Institute for Advanced Dental Education (Key Biscayne, FL).
February 21-22, 2003	Midwest Society of Periodontology Annual Session (Chicago, IL).
November 9 – 15, 2003	Differential Diagnosis & Splint Therapy in the Restorative Practice. Continuum Level II. The L.D. Pankey Institute for Advanced Dental Education (Key Biscayne, FL).
Sept. 21 – 24, 2003	89 <sup>th</sup> Annual Session of the American Academy of Periodontology (San Francisco, CA).
June 12 – 13, 2003	Occlusal Concepts. Dr. George Warga and Richard Green. First session of the Greentoes Study Club associated with the L.D. Pankey Institute (Winnetka, IL)
May 22 – 24, 2003	The Exceptional Specialty Network. The Seattle Institute for Advanced Dental Studies (Seattle, WA).
May 7 – 10, 2003	Computer Assisted Implantology. Institut International d'Etudes Dentaires Avancées (Grenoble, France).
February 28 – March 1, 2003	Annual Session of the Academy of Osseointegration. Combined session with the American Academy of Periodontology, American Association of Oral and Maxillofacial Surgeons, American College of Prosthodontists and Academy of Osseointegration (Boston, MA).
January 9 – 11, 2003	State of the Art Esthetics. The Seattle Institute for Advanced Dental Studies. (Orlando, FL).
November 21 – 23, 2003	Advanced Esthetic and Restorative Management. The Seattle Institute for Advanced Dental Studies. (Orlando, FL).
October 15, 2002	Predictably Incorporating Implant Therapy to Improve the Smile. Henry Salama, DMD sponsored by DENTSPLY Integration. (Chicago, IL).
April 21 – 26, 2002	A Journey to Excellence: Introduction to the Pankey Philosophy & Technique. The Examination. Continuum Level I. The L.D. Pankey Institute for Advanced Dental Education. (Key Biscayne, FL).
October 24 – 26, 2002	Root Coverage Techniques. Presented by Dr. Randy Harris at the Western Society of Periodontology's Annual Session. (Las Vegas, NV).
December 7 – 8, 2001	Dental Implant Conference. American Association for Oral and Maxillofacial Surgeons. (Chicago, IL)
May 19, 2001	Current Clinical Issues in Periodontal Esthetics. The Ramfjord Symposium sponsored by the University of Michigan, School of Dentistry. (Ann Arbor, MI).
September 16, 2000	“Implant Placement and Advanced Bone Grafting. Hands-On Workshop

taken at	with Cadavers” given by Dr. Arun K. Garg, Associate Professor of Surgery, Division of Oral/Maxillofacial Surgery, University of Miami School of Medicine (Miami, Florida). All day continuing education course the 86th Annual Meeting of the American Academy of Periodontology (Honolulu, Hawaii).
February 9 – 11, 2000	Comprehensive Review Course in Periodontics. Review course in preparation for Part II examination of the American Board of Periodontology sponsored by the Louisiana State University School of Dentistry (New Orleans, LA).

### **PUBLIC and PROFESSIONAL SERVICE**

2018-2019	Content Author, Best Evidence Consensus on Changing Gingival Phenotype in Preparation for Orthodontic and Dental Implant Treatment. American Academy Of Periodontology.
2018-2019	Committee Member, Scientific Oversight Committee, American Academy Of Periodontology.
2016-2017	Co-Chairman, Best-Evidence Consensus workshop on CBCT imaging in Periodontics commissioned by the American Academy of Periodontology.
2015	Ad Hoc Committee Member, Associate Membership of the American Academy of Oral and Maxillofacial Radiologists (AAOMR)
2013 - 2014	Immediate Past President, Illinois Society of Periodontists
2012 – 2014	American Academy of Periodontology Leadership Development and Qualifications Committee Member and Subcommittee Member.
2013 – 2014	Immediate Past President, Illinois Society of Periodontists
2012 - 2013	President, Illinois Society of Periodontists
2011 - 2012	President-Elect, Illinois Society of Periodontists
2009 – 2011	Secretary/Treasurer, Illinois Society of Periodontists
2009-2010	Committee Member, American Academy of Periodontology Continuing Education and Oversight Committee.
2009	Committee Member, American Academy of Periodontology Practice Management and Marketing Committee.
2008 – 2010 Academy	Taarson Regeneration Scholarship Selection Committee, American Academy Of Periodontology Foundation.
2008- 2009	Donor Recognition Task Force, American Academy Of Periodontology Foundation.
2008 -2010	Attending Staff, Head and Neck Oncology Team, Advocate Lutheran General Hospital Cancer Center.
2006	President, Hellenic American Dental Society (HADS).

2006	Midwest Society of Periodontology Program Chairperson
2005	Midwest Society of Periodontology Graduate Research Forum Chairperson.
2001 – 2009 Committee.	Midwest Society of Periodontology Membership & Registration
Nov. 2000 – 2010 Treasurer (2002),	Hellenic American Dental Society, Executive Committee & Secretary (2003).
July 1997 - Present	Advanced Cardiac Life Support (ACLS) Certification.
Oct. 1996 - 1999	Institute for Laser Dentistry Certification (Category II).
Sept. 1995	Moderator/Session Assistant at The American Academy of Periodontology 81st Annual Meeting (New York, New York).
Jan. - Sept. 1994	Student Delegate to the Michigan Dental Association 1994 House of Delegates for the University of Michigan, School of Dentistry.
Mar. 1994	Represented the University of Michigan, School of Dentistry at the ASDA Annual Quad-Regional Session held at Medical University of South Carolina (Charleston, South Carolina).
Apr. 1993 - Sept. 1994	Delegate to the American Student Dental Association for the University of Michigan School of Dentistry.
Feb. 1994	Chairman for the 1994 ASDA Midwest Winter Exhibitor's Day Forum (held at the University of Michigan School of Dentistry).
Feb. 1994	ASDA Region 6 Annual Session Co-Chairman (sponsored by the University of Michigan School of Dentistry ASDA chapter).
Jan. 1993  Dentistry.	Participated in the organizing and running of "Exhibitors Day/Student Research Forum" held at the University of Michigan School of
Nov. 1993  (Detroit, MI). Sept. 1993	Served as ASDA Alternate Delegate and represented the University of Michigan School of Dentistry at the Annual Regional Session  Represented the University of Michigan School Of Dentistry at the American Student Dental Association's Annual Session (San Antonio, Texas).
1992 - 1993  1996.	Served as Class Representative to the American Student Dental Association for the University of Michigan School of Dentistry graduating class of
July 1992 – Present	Basic Cardiac Life Support (BCLS) Certification.

### **PRE-DENTAL STUDENTS EMPLOYED & MENTORED**

2017 – present	Agnes Chmielowski: University of Illinois- Champaign. Surgical assistant. Periodontal Medicine & Surgical Specialists, LLC.
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- 2015-2017 John Mazzocco: University of Notre Dame, entered University of Michigan, School of Dentistry; Ann Arbor, MI. Graduated/DDS conferred class of 2022
- 2013-2014 Rachel Cole: The Ohio State University, entered University of Illinois, College of Dentistry; Chicago, IL. Graduated/DDS conferred class of 2020.
- 2012- 2013 Teagan Vence: University of Illinois- Champaign, entered graduate studies at Western University in Biomedical Studies; Los Angeles, CA. Graduated May 2019 with a Master's Degree in Biological Sciences; Accepted to University of North Carolina, School of Dentistry, Chapel Hill, NC. Graduating class of 2023
- 2010 – 2012 Ami Pandya: Indiana University, entered Indiana University, School of Dentistry. Graduated/DDS conferred class of 2016
- 2006- 2008 Barbara Zickgraf: Indiana University, entered University of Michigan, School of Dentistry; Ann Arbor, MI. Graduated/DDS conferred class of 2012