

George A. Mandelaris, DDS, MS

Curriculum Vitae

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.

LICENSURE

June 2001 – Present	Associate Medical Staff, Department of Surgery, Division of Dentistry, Advocate Lutheran General Hospital (Park Ridge, IL)
May 2000 - Present	Diplomate, American Board of Periodontology
February 2000 - 2003	State of Michigan Specialty License in Periodontics
November 1999 - 2003	State of Michigan Dental License
August 1999 - Present	State of Illinois Specialty License in Periodontics
July 1999	NorthEast Regional Specialty Board (NERB) Examination in Periodontics
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

2008-2009	Selected as a peer reviewer for select articles submitted to the <i>International Journal of Oral and Maxillofacial Implants</i> (the official publication of the Academy of Osseointegration).
2007-2008	Selected as a peer 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.
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 in clinical periodontics.
- March 1995 1995 American Association for Dental Research Student Research Fellowship recipient.
- March 1994 University of Michigan Student Research Group Fellowship recipient.

RESEARCH

- 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 *In Vitro* 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

- Spring 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.
- February 5, 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.
- Fall 2009 Mandelaris GA, Rosenfeld AL. Bone Anatomy. Chapter 2. In: Sonick M, Hwang D. Implant Site Development. Ames: Wiley-Blackwell Publishing. In progress. *Book is due out in Fall 2009.*

- Spring 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
- Spring 2009 Mandelaris GA, Rosenfeld AL. SurgiGuide Options. Chapter 6. SurgiGuide Options. Pages 67-88. In: Tardieu PB, Rosenfeld AL. The Art of Computer Guided Implantology. Chicago: Quintessence 2009.
- Winter 2008 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. *Accepted to Int J Perio Rest Dent*.
- Dec 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; 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 1996 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

- 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 95th 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 17th, 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 Collaborative accountability and the art of computer guided implantology. 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 Clinical applications in Computer Guided Implantology. 2 day lecture 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 92nd 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 86th Annual Session (San Antonio, Texas).
- Mar. 13 - 17, 1996 Selected for poster presentation of: "Cervical Enamel Projections in 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, Texas).

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

September 11 – 14, 2009	The 95th Annual Session of the American Academy of Periodontology (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	2008 Biomet 3i Global Symposium on Implant Dentistry (Chicago, IL).
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	The 91st Annual Session of the American Academy of Periodontology (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 th Annual Session of the American Academy of Periodontology (San Francisco, CA).
June 12 – 13, 2003	Occlusal Concepts. Dr. George Wurga 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 taken at	“Implant Placement and Advanced Bone Grafting. Hands-On Workshop 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

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 – Present	Taaron Regeneration Scholarship Selection Committee, American Academy Of Periodontology Foundation.
2008- Present	Donor Recognition Task Force, American Academy Of Periodontology Foundation.
2008 General	Attending Staff, Head and Neck Oncology Team, Advocate Lutheran 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 – Present	Midwest Society of Periodontology Membership & Registration Committee.
Nov. 2000 – Present	Hellenic American Dental Society, Executive Committee & Treasurer (2002), 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 Participated in the organizing and running of "Exhibitors Day/Student Research Forum" held at the University of Michigan School of Dentistry.
- Nov. 1993 Served as ASDA Alternate Delegate and represented the University of Michigan School of Dentistry at the Annual Regional Session (Detroit, MI).
- Sept. 1993 Represented the University of Michigan School Of Dentistry at the American Student Dental Association's Annual Session (San Antonio, Texas).
- 1992 - 1993 Served as Class Representative to the American Student Dental Association for the University of Michigan School of Dentistry graduating class of 1996.
- July 1992 – Present Basic Cardiac Life Support (BCLS) Certification.