

Kevin George Murphy

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| Business Address | Kevin G. Murphy and Associates, PA 6080 Falls Road, Suite 202 Baltimore, MD 21209 410-372-0202 <i>kevin@periopros.net</i> |
| Date of Birth | July 26, 1956 |
| Marital Status | Lynne M. Zheutlin, M.D., three children |
| Education | Clinical Specialty Program in Periodontology, University of Illinois at Chicago, 1986 Clinical Residency Program in Dental Anesthesiology, University of Illinois School of Medicine, Chicago, 1986 Master of Science in Histology, University of Illinois at Chicago, 1986 Clinical Specialty Program in Prosthodontics, University of Illinois at Chicago, 1984 Doctor of Dental Surgery, University of Illinois at Chicago, 1982 Bachelor of Science, with major in Biomedical Engineering, Marquette University, Milwaukee, WI, 1978 |
| Professional Honors | Fellow, American Academy of Esthetic Dentistry, 2015 Fellow, International College of Dentists, 2013 Baltimore Magazine, Top Dentist: Periodontics, Prosthodontics, 2010, 2012, 2013, 2015, 2016, 2017 Alumni of the Year, University of Illinois, Department of Periodontics, 2012 R. Earl Robinson Regeneration Award, given by the American Academy of Periodontology for outstanding contributions and services in the field of periodontal regeneration, 2006 |

Editorial Review Board, International Journal of Periodontics and Restorative Dentistry (2004 to present)

Reviewer, Journal of Esthetic and Restorative Dentistry (2012 to present)

Reviewer, Journal of Periodontology (2007 – 2009)

Reviewer, Quintesence International (2005)

Reviewer, Journal of Evidence Based Dental Practice (2001 – 2008)

Primary Section Author, Physical Barriers, Emerging Science in Clinical Periodontics Workshop, 2003, American Academy of Periodontology

Keynote speaker, American Academy of Periodontology Specialty Conference, 2006: Optimizing Clinical Outcomes: The Perio-Ortho Relationship

Keynote speaker, Japan Institute for Advanced Dental Studies, 2006

Keynote speaker, Southwest Dental Conference, 2006

Keynote speaker, II Congresso Mundial de Otontologia, Brazil, 2001

Keynote speaker, Japan Society of Periodontology; Kagoshima, 1998; Kyoto 2010

Keynote speaker, Taiwan Society of Periodontology, Taipei, 2013

Diplomate, American Board of Periodontology, 1993

Edward H. Hatton Award, International Association for Dental Research, finalist, 1986

Young Investigator Research Award, Chicago Section of the American Association for Dental Research, 1986

Student Research Award Competition, University of Illinois, First Place, 1986

Stanley D. Tylman Award for Fixed Partial Prosthodontics, University of Illinois, 1982

American Society of Dentistry for Children, Certificate of Merit for Outstanding Interest and Proficiency in Pedodontics, 1982

Dean's List, Marquette University, 1978

Board of Directors, Board of Advisors, Pankey Institute (2009 to 2011)

Professional
Experience

Advisor and Faculty Member, Pankey Institute (2009 to present)

Clinical Associate Professor, Department of Periodontics, Periodontal Prosthesis and Implant Prosthesis Fellowship Program, University of Maryland, Baltimore College of Dental Surgery, Baltimore, MD (2007 to present)

Private Practice with Specialization in Periodontics, Prosthodontics and Dental Anesthesiology, Baltimore, MD (1986 to present)

Associate Attending, Department of Otolaryngology and Dentistry, Greater Baltimore Medical Center, Baltimore, MD (1988 to 2007)

Instructor, Department of Periodontics and Oral Histology, University of Illinois, 1984-1986

Instructor, Department of Fixed Partial Prosthodontics, University of Illinois, 1982-1984

Publications

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 (in press)

Donovan TE, Marzola R, Murphy KG, Cagna DR, Eichmiller F, McKee JR, et al. Annual review of selected scientific literature: Report of the committee on scientific investigation of the American Academy of Restorative Dentistry. *J Prosthet Dent*. 2016 Nov; 116(5):663-740.

Murphy KG, Polack MA, Arzadon JM, Hickerson RD, Scheyer ET. A Report of Three Cases from an Ongoing Prospective Clinical Study on a Novel Pink Biomimetic Implant System. *Compend Contin Educ Dent*. 2016;37(2):S1-12.

Donovan TE, Marzola R, Becker W, Cagna D, Eichmiller F, McKee J, Metz J, Albouy JP, Murphy KG: Annual review of selected scientific literature: Report of the Committee on Scientific Investigation of the American Academy of Restorative Dentistry. *J Prosthet Dent*. 2015 Dec;114(6):756-809.

Mary E. Aichelmann-Reidy, Gustavo Avila-Ortiz, Perry R. Klokkevold, Kevin G. Murphy, Paul S. Rosen, Robert G. Schallhorn, Anton Sculean and Hom-Lay Wang, Michael S. Reddy: Periodontal Regeneration – Furcation Defects: Practical Applications From the AAP Regeneration Workshop (CAP-14-0068.R1), *Clin Adv Periodontics* 2015;5:30-39.

Michael S. Reddy, Mary E. Aichelmann-Reidy, Gustavo Avila-Ortiz, Perry R. Klokkevold, Kevin G. Murphy, Paul S. Rosen, Robert G. Schallhorn, Anton Sculean and Hom-Lay Wang: Periodontal Regeneration – Furcation Defects: A Consensus

Report From the AAP Regeneration Workshop. *J Periodontol* 2015, Vol. 86, No. 2-s: S131-S133.

Murphy KG: Palatal Mucosal Measurements in a Japanese Population Using Cone-Beam Computed Tomography – Commentary. *Journal of Esthetic and Restorative Dentistry*, 2014 26(1): 59-60.

Murphy KG: 10 Key Steps in Immediate Implant Placement. *Journal of Cosmetic Dentistry*, 2012 28(2): 64-72.

Murphy KG, Wilcko MT, Wilcko WM and Ferguson DJ: Periodontal Accelerated Osteogenic Orthodontics: A Description of the Surgical Technique. *J Oral Maxillo Surg*, 2009 October, 67(10): 2160-216.

Wilcko MT, Wilcko WM, Murphy KG, Carroll WJ, Ferguson DJ, Miley DD, Bouquot JE. Full-thickness flap/subepithelial connective tissue grafting with intramarrow penetrations: three case reports of lingual root coverage. *Int J Periodontics Restorative Dent*. 2005 Dec;25(6):561-9. M.

Myron Nevins, D.D.S., William V. Giannobile, D.D.S., D.M.Sc., Michael K. McGuire, D.D.S., Richard T. Kao, D.D.S., Ph.D., James T. Mellonig, D.D.S., M.S., James E. Hinrichs, D.D.S., M.S., Bradley S. McAllister, D.D.S., Ph.D., Kevin G. Murphy, D.D.S., M.S., Pamela K. McClain, D.D.S., Marc L. Nevins, D.M.D., M.M.Sc., David W. Paquette, D.M.D. D.M.Sc., M.M.Sc., Thomas J. Han, D.D.S., Michael S. Reddy, D.M.D, D.M.Sc., Philip T. Lavin, Ph.D., Robert J. Genco, D.D.S., Ph.D., and Samuel E. Lynch, D.M.D., D.M.Sc. Platelet-Derived Growth Factor (rhPDGF-BB) Stimulates Bone Fill and Rate of Attachment Level Gain: Results of a Large Multi-center Randomized Controlled Trial. *J Periodontol*, 2005;76:2205-2215.

Murphy KG and Gunsolley JC: Guided tissue regeneration for the treatment of periodontal intrabony and furcation defects. A systematic review. *Ann Periodontol*. 2003 Dec;8(1):266-302.

Murphy KG, DeSanctis M,: Resective Surgery in Fucations in Diagnosis and Treatment of Periodontal Osseous Lesions. Tonetti MS and Cortellini R, eds. *Periodontology 2000*, 2000 Feb;22:154-68.

Murphy KG: Guided Tissue Regeneration in Esthetic Zones. *Compendium of Cont Educat in Dentistry* 1997;18:769-775.

Murphy KG: Interproximal Tissue Maintenance in GTR Procedures: Description of a Surgical Technique and One Year Re-entry Results. *Int J of Periodont Restor Dent* 1996;16:463-477.

Murphy KG: Incidence, Characterization and Effect of Postoperative Surgical Complications Using GoreTex Periodontal Material. Part II : Effect of Complications on Regeneration. *Int J Periodont Restor Dent* 1995;15:549-561.

Murphy KG: Incidence, Characterization and Effect of Postoperative Surgical Complications Using GoreTex Periodontal Material. Part I : Incidence and Characterization of Complications. *Int J Periodont Restor Dent* 1995;15:363-375.

Murphy KG and Daniel JC: Human Periodontal Ligament *In Vitro*: Cell Culture Passage Effect on Collagen Gel Contraction. *J of Periodont Res* 1987; 22: 342-347.

Murphy KG and Daniel JC: Contraction of Collagen Gels by Human Fibroblasts of Isolated from Various Tissues. *J Cell Biol*, 101:5, 98a, 1985.

Murphy KG and Daniel JC: Relationship between Collagen Gel Contraction and Human PDL Passage Number. *J Dent Res*, 65:309, 1986.

Murphy, KG: Regional Acceleratory Phenomenon. In *Surgically Facilitated Orthodontic Therapy*. G Mandelaris, B Vence eds. Quintessence, Chicago (in press)

Murphy KG and Meltzer AM (eds): Clinical Guidelines for Guided Tissue Regeneration. 2000, Implant Innovations Incorporated.

Murphy KG: Surgical Complications in Guided Tissue Regeneration. In *Clinical Periodontal Therapy: A Long-term Study*. M Nevins, JT Mellonig eds. Quintessence, Chicago, 1998.

Murphy KG: Procedural Guidelines for Periodontal Applications of Guided Tissue Regeneration. In *Proceedings of the International Symposium on Guided Tissue Regeneration*. Editorial House AKI, Tokyo, 1993

Murphy KG: Problem Solving GoreTex Periodontal Material Procedures. In *Proceedings of the International Symposium on Guided Tissue Regeneration*. Editorial House AKI, Tokyo, 1993

Memberships

American Academy of Restorative Dentistry, 2009 to present

American Academy of Esthetic Dentistry, 2007 to present

American Academy of Periodontology:

Member, Membership and Awards Committee, 2000-2002

Member, Program Subcommittee, 1995 - 1996

Member, Continuing Education Subcommittee, 1997, 1998

World Workshop in Periodontology Participant, 1996, 2003, 2104

American Academy of Periodontology and Food and Drug Administration
Development of Guidelines for Implant Clinical Trials, 1997

American Academy of Osseointegration

American Dental Association

Books,
Chapters

Maryland Association of Periodontists
Vice-president, 1995 - 1997
President, 1998 - 2000
Maryland State Dental Association
Program Chair, Chesapeake Dental Conference, 1997
Maryland State Board of Dental Examiners – Task force for development of
conscious sedation regulations, 2005-2006
Maryland State Board of Dental Examiners - Expert Consultant, 2006 to present

Selected
Invited Major
Lectures

International College of Oral Implantology, 2013
American Association of Orthodontists Annual Meeting, 2009, 2014
A Paradigm Shift in Orthognathic Surgery: 3D Accelerated In-office Surgery and
Increased Orthodontic Efficiency, University of Texas Southwestern; 2007,
2009
American Academy of Esthetic Dentistry Annual Meeting, 2003, 2005, 2007, 2015
American Academy of Restorative Dentistry Annual Meeting, 2003
American Academy of Periodontology Annual Meeting, 1996-2007, 2010, 2013
DentalXP, 2011 online video lecture, 2012, 2014 training course in SonicWeld Rx
Europerio, 2003
International Esthetics and Comprehensive Dentistry Meeting: 2001 – 2004, 2007,
2012, 2014, 2016
International Symposium on Periodontics and Restorative Dentistry; 1996, 2000,
2004, 2007, 2010, 2013, 2016
Japan Institute for Advanced Dental Studies, 1996, 1998, 2001, 2006
Japanese Association of Clinical Periodontology, 2010
Newport Harbor Academy of Dentistry, 2005
University of Texas Health Sciences Center at San Antonio, 2003 – 2008;
Implant Preceptorship, 2010 – present
University of Southern California, 30th Periodontics and Implant Symposium, 2010

Clinical
Research
Funding

Biometrics, Inc. *Randomized controlled study examining the clinical outcomes of rH-
PDGF II used in the treatment of human intraosseous periodontal defects* (2004-
2005). Robinson Research Award Recipient.

Keystone Dental Inc. *Five Year Prospective Study of the Genesis Implant System*
(2011 to present)

Organogenesis, Inc. *Randomized Controlled Study Examining the Efficacy of
Gintuit[®] in the Healing Dynamics of Extraction Sockets* (2013 - 2014).