

CURRICULUM VITAE

Pamela Kay McClain, D.D.S.

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Professional Education:

<u>Degree</u>	<u>Institution</u>	<u>Year</u>	<u>Major Subject</u>
	Colorado State University	1976-78	Phys/Science
B.S.	University of Colorado	1978-80	Dental Hygiene
D.D.S.	University of Colorado	1981-85	Dentistry
Certificate	University of California San Francisco	1985-87	Periodontology

Specialty Board:

Diplomate, American Board of Periodontology - April 1992

Licensed to Practice in :

Colorado
California

Private Practice:

Independent, full-time private practitioner in periodontics 1987-present.

Academic Appointments:

<u>Position</u>	<u>Institution</u>	<u>Year</u>
Clinical Assistant Professor	School of Dental Medicine University of Colorado	1987-present
Research Professor	University of Maryland Dental School, Department of Periodontics	1994 - 2001

Honors/Awards:

Omicron Kappa Upsilon Honorary Society
 Alpha Omega International Dental Fraternity Scholarship
 American Academy of Periodontology Award
 Pierre Fauchard Academy Award

Graduated Dental School Magna Cum Laude
 Recipient of the first R. Earl Robinson Periodontal Regeneration Award
 from the American Academy of Periodontology , October 1989
 Recipient of the 2004 R. Earl Robinson Periodontal Regeneration Award
 from the American Academy of Periodontology
 Recipient of the 2006 R. Earl Robinson Periodontal Regeneration Award
 from the American Academy of Periodontology
 Recognized by The Denver Magazine 5280 as a Top Dentist, since 2008
 Inducted into the honorary Pierre Fauchard Academy 2012
 Recipient of "Top 25 Women in Dentistry" September 2012 by Dental Products Report
 Recipient of the 2014 R. Earl Robinson Periodontal Regeneration Award
 from the American Academy of Periodontology
 Recipient of the 2014 Distinguished Service Award from the American Academy of Periodontology
 Recipient of the 2017 R. Earl Robinson Periodontal Regeneration Award

Professional Organizations and Positions Held:

American Dental Association
 Colorado Dental Association
 Metropolitan Denver Dental Society
 Academy of Osseointegration
 American Academy of Restorative Dentistry
 Clinic Committee, 2006-2007, 2013, 2014
 Council Member 2007-2009
 American Academy of Periodontology
 Immediate Past President 2012-2013
 President 2011-2012
 President Elect 2010-2011
 Vice President 2009-2010
 Secretary/Treasurer 2008-2009
 Board of Trustees District V, 2002-2008, 2008 – 2013 (officer)
 Continuing Education Oversight Committee, 1997 – 2002, 2004, 2005, 2006, 2008, 2010-2011,
 2013-2015
 Chair, 2000, 2001
 Scientific Roundtable Advisory Working Group 2015 - present
 Program Subcommittee Member, 1990, 1992 - 1995
 Chair, Forum for Clinical Innovations 1995
 Annual Meeting Committee, 1995 – 1996, Chair 1995
 Ad Hoc Committee on Regeneration Conference, 1996
 Participant - World Workshop in Clinical Periodontics, July 1996
 Task Force on Distance Learning 1999-2001
 Advisory Board to the *Journal of Periodontology* 2001-present
 Section Chair for Growth Factors, Chemical Root Surface Modifiers and Bone Replacement Grafts
 for the "2003 Workshop on Contemporary Science in Clinical Periodontics" July 26-29, 2003
 Task Force to Evaluate the Annual Meeting, 2003-2004
 Task Force to Meet With the Editor, 2003-2004
 Planning Committee, Chair, 2004- 2006, chair 2010-2011
 Task Force for Speaker Recommendations, 2004-2005
 Task Force on Referral Guidelines, 2005-2006
 Awards Committee, 2004-2007
 Nominating Committee, 2004-2007
 Executive Committee, 2006-2007, 2008-2013

Task Force on Membership Values, 2006
 Foundation Marketing & Communications Task Force, 2006-2007
 Finance Committee, 2006-2007, 2010-2012, Chair 2008-2009
 Task Force on Dental Journal Outreach, Chair 2006-2007
 Task Force on Issues Pertaining to Membership, Chair 2010-2011
 Task Force on the Workshop on Periodontal Regeneration and Tissue Engineering, Co-Chair 2012-2014
 Scientific Roundtable Advisory Working Group Committee 2014-2016
 Participant World Workshop on Classification of Periodontal and Peri-Implant Diseases and Conditions 2017
 American Academy of Periodontology Foundation
 Board Member 2011–2013, 2015 – current
 Secretary/Treasurer 2017
 Osteology Foundation
 Board Member 2015 – current
 Co-chair National Osteology Symposium Australasia, Melbourne, Australia June 2-3, 2017
 Co-chair National Osteology Symposium North America, Phoenix, Arizona February 9-10, 2018
 Rocky Mountain Society of Periodontists
 Secretary/Treasurer, 1991
 President, 1992
 Columbine Periodontal Study Club
 Board of Directors 1993 – 2012, Chair 1999-2012
 European Federation of Periodontology
 Participant: European Workshop in Periodontology 2013
 Reviewer for Professional Journals:
 Journal of Periodontology
 Journal of the American Dental Association
 International Journal of Periodontics & Restorative Dentistry
 Compendium of Continuing Education in Dentistry Journal

Research:

Ongoing participation in practice-based clinical research since 1987

A Prospective, Randomized, Controlled, Multi-center Evaluation of Extraction Socket Management comparing CollaPlug and Mucograft Seal. GPNA0001-2016.

Straumann Emdogain Application in Conjunction With Minimally Invasive Surgical Technique For Periodontal Disease Treatment: A Split-Mouth Design Study. CRO 01/15

Evaluation of PerioPatch in Periodontal Practices. CRO-2014-04-PERIO-FSP. 2014.

A Randomized, Double-Blind, Controlled, Multicenter Dose Verification Clinical Trial to Evaluate the Safety and Effectiveness of GUIDOR® Growth Factor Enhanced Bone Graft Substitute for the Treatment of Periodontal Defects 6-months Post-Surgery. # CLP- 2011-10-31-1. 2012-2014.

Multi-center Phase 3 Trial of Minocycline HCl 1mg Microspheres for the Use in Subjects with Peri-Implantitis. Protocol # OP-P-5265-1. 2008-2009.

A Randomized, Double Blind, Controlled, Parallel-arm, Pivotal Human Clinical Trial to Evaluate the Safety and Effectiveness of B-TCP Plus for the Treatment of Periodontal Bone Defects. Protocol #BMPI-2001-01. 2002-2006.

Controlled Trial of Minocycline Microspheres; Use as an Adjunct to Surgical Therapy in Patients with Severe Periodontitis. Protocol OPI – 149. 2002 – 2004.

A Post Approval Study for Evaluation of EMDOGAIN® After Multiple Treatments. 1999-2001.

Clinical Outcomes Following Treatment of Human Intrabony Defects with Bioresorbable Membranes or Access Flaps. A Multicenter Randomised Controlled Clinical Trial. Protocol ATRO-96/3. 1996-98.

The Effect of Defect Morphology and Root Configuration on the Closure of Grade II Furcation Defects After Two Years. Protocol #227463-049401. 1995-1999.

A Multi-Center Study to Evaluate Scaling & Root Planing With and Without PTS (Periodontal Therapeutic System) (Tetracycline) in Refractory Patients. Protocol C-89-035-01. 1989-1990

The Effect of Anaerobiosis on *Actinobacillus actinomycetemcomitans*, *in vitro*. 1985-1987, University of California, San Francisco.

Professional Publications:

Cochran DL, Oh T, Mills MP, McClain PK, Schallhorn R, McGuire MK, Scheyer TE, Giannobile WV, Reddy MS, Abou ARaj RV, Vassilopoulos PJ, Genco RG, Geurs NC, Takemura A. A randomized Clinical Trial Evaluating rh-bFGF/B-TCP in Periodontal Defects. J Dent Research 2016, Vol. 95(5) 523-530.

Giannobile, WV, McClain, PK. Periodontal Regeneration: Clinical Approaches and Advancements. Inside Dentistry November 2015.

Giannobile, WV, McClain, PK. Enhancing Periodontal Health Through Regenerative Approaches. J Periodontol 2015;86 (Sup.):S1-3.

McClain, PK. Management of Implant Complications by the Experts; Treatment of peri-implantitis due to residual cement around an implant. Case 1, Chapter 30. Dental Implant Complications, Etiology, Prevention, and Treatment, Second Edition, edited by Stuart J. Froum.

Schallhorn RA, McClain PK, Charles A, Clem D, Newman MG. Evaluation of a Porcine Collagen Matrix to Augment Keratinized Tissue and Increase Soft Tissue Thickness Around Existing Dental Implants. Int J Periodontics Restorative Dent 2015;35:99-103, doi: 10.11607/prd.1888.

Schallhorn, RA, McClain, PK. Periodontal Regeneration: Management of Periodontal Osseous Defects by the Periodontist-Dental Hygienist Team. J Evid Base Dent Pract 2014; 14S: 42-52.

McClain, PK. Maintenance: The Key to Successful Periodontal and Implant Therapy. A Supplement to Compendium of Continuing Education in Dentistry, September 2014, Volume 35 *Special Issue 3*.

Nevins, M, Kao, RT, McGuire, MK, McClain, PK, Hinrichs, JE, McCallister, BS, Reddy, MS, Nevins, ML, Genco, RJ, Lynch, SE, Giannobile, WV. PDGF Promotes Periodontal Regeneration in Localized Osseous Defects: 36 Month Extension Results from a Randomized, Controlled, Double-masked Clinical Trial. J Periodontol 2013;84:456-464.

McClain, PK. Advances in Regeneration: Restoratively Driven, Periodontally Enhanced. Compendium November/December 2011; 32:28-34.

McClain, PK. Management of Implant Complications by the Experts; Case 1. Chapter 25, 441 – 444. Dental Implant Complications, Etiology, Prevention, and Treatment, edited by Stuart J. Froum. 2010

Hellstrom M-K, McClain PK, Schallhorn RG, Bellis L, Hanlon AL, Ramberg P. Local Minocycline as an Adjunct to Surgical Therapy in Moderate to Severe, Chronic Periodontitis. *J Clin Periodontol* 2008; 35: 525-531.

David P. Sarment, Jason W. Cooke, Sarah E. Miller, Qiming Jin, Michael K. McGuire, Richard T. Kao, Pamela K. McClain, Bradley S. McAllister, Samuel E. Lynch, William V. Giannobile "Effect of rhPDGF-BB on Bone Turnover During Periodontal Repair" *Journal of Clinical Periodontology*. Volume 33, Issue 2, Feb 2006

Nevins, M., Giannobile, W.V., McGuire, M.K., Kao, R.T., Mellonig, J.T., Hinrichs, J. E., McAllister, B. S., Murphy, K. S., McClain, P. K., Nevins, M. L., Paquette, D. W., Han, T. J., Reddy, M. S., Lavin, P. T., Genco, R. J. and Lynch, S. E. Platelet-Derived Growth Factor (rh PDGF- BB) Stimulates Bone Regeneration and Speeds Attachment Level Gain: Results of a Large Multi-center Randomized Controlled Trial. *J. Periodontol.* Dec 2005, Vol. 76, No. 12: 2205-2215.

McClain, P. K. Interdisciplinary Treatment for the Advanced Periodontal and Restorative Case. *General Dentistry*. 2004; 52: 216 – 220..

Froum, S., Weinberg, M., Novak, J., Mailhot, J., Mellonig, J., Van Dyke, T., McClain, P., et al. A Multi-center Study Evaluating the Sensitization Potential of Enamel Matrix Derivative after Multiple Treatments. *J. Periodontol.*, Jul 2004, Vol. 75, No. 7: 1001-1008.

Bowers, G., Schallhorn, R., McClain, P., Morrison, G., Morgan, R., & Reynolds, M. Factors Influencing the Outcome of Regenerative Therapy in Mandibular Class II Furcations: Part I. *J. Periodontol.* 2003; 74:1255-1268.

Carranza, F.A., McClain P.K. and Schallhorn, R.G. Regenerative Osseous Surgery. Chapter 63, 804-824. *Clinical Periodontology, Ninth Edition*. 2002.

Cortellini, P., Tonetti, M., Lang, N., Suvan, J., Zucchelli, G., Vangsted, T., Silvestri, M., Rossi, R., McClain, P., Fonzar, A., Dubravec, D., & Adriaens, P. The Simplified Papilla Preservation Flap in the Regenerative Treatment of Deep Intra-bony Defects: Clinical Outcomes and Postoperative Morbidity. *J. Periodontol.* 2001;72:1702-1712.

McClain, P.K. and Schallhorn, R.G.: Focus on Furcation Defects: Guided Tissue Regeneration in Combination with Bone Grafting. *Periodontology* 2000. 22:190-212, 2000.

McClain, P.K. and Schallhorn, R.G.: The Use of Combined Periodontal Regenerative Techniques. A Guest Editorial. *J. Periodontol.* 1999;70:102-103

Bowers, G. M., Schallhorn, R.G., McClain, P.K., Morgan, R., Salama, A., & Reynolds, M.A. (1998) Root Configuration and Defect Morphology Predict Regenerative Outcome Of Mandibular Class II Furcations. *Journal of Dental Research*. 77 (Special Issue B), 796.

McClain, P.K.: Periodontal Regeneration. *Dental Economics*, 4:92-93, 1995.

Schallhorn, R.G. and McClain, P.K.: Clinical and Radiographic Healing Pattern Observations with Combined Regenerative Techniques. *Int. J. Periodont. and Rest. Dent.* 14: 391-403, 1994.

McClain, P.K. and Schallhorn, R.G.: Long Term Assessment of Combined Osseous Composite Grafting, Root Conditioning, and Guided Tissue Regeneration. *Int. J. Periodont. and Rest. Dent.* 13:9-27, 1993.

Schallhorn, R.G. and McClain, P.K. : Periodontal Regeneration Using Combined Techniques. *Periodontology* 2000. 1:109-117, 1993.

Schallhorn, R.G. and McClain, P.K.: Combined Osseous Composite Grafting, Root Conditioning, and Guided Tissue Regeneration. *Int. J. Periodont. and Rest. Dent.* 4:9-31, 1988

Professional Presentations:

Managing Periodontal and Peri-implant Disease with Regenerative Approaches. October 6, 2017. Robert J. Genco Distinguished Speaker, Buffalo Niagara Dental Meeting. Buffalo, New York

Contemporary Furcation Management: Regenerative Therapy. September 10, 2017. Annual Meeting of the American Academy of Periodontology. Boston, MA

Periodontal Regeneration: Advances and Limitations: June 2, 2017. First National Osteology Symposium Australasia. Melbourne, Australia.

Peri-Implantitis: Understanding and Managing this Clinical Dilemma: October 21, 2016. American Dental Association Annual Meeting. Denver, CO

A Step by Step Approach to Managing Furcation Defects With Regeneration: September 12, 2016. 102nd Annual Meeting of the American Academy of Periodontology. San Diego, CA.

Factors Affecting Success in Periodontal Regeneration: 12th International Symposium on Periodontics and Restorative Dentistry. June 16-19, 2016. Boston, MA.

Regenerative Therapy in Furcation Defects: Advances and Limitations. International Osteology Symposium Monaco 2016. April 22, 2016. Monaco.

Management and Maintenance of Teeth with Furcation Involvement. November 29, 2015. Greater New York Dental Meeting. New York, NY.

Periodontics Update: Collaborative Care for Optimal Patient Outcomes. November 29, 2015. Greater New York Dental Meeting. New York, NY.

Current Concepts and Alternatives in Periodontal Regeneration. November 14, 2015. American Academy of Periodontology Annual Meeting. Orlando, FL.

Periodontics Update: Collaborative care for optimal patient outcomes. June 12, 2015. Indiana Dental Association Annual Meeting. French Lick, IN.

Preserving Periodontally Compromised Teeth. June 12, 2015. Indiana Dental Association Annual Meeting. French Lick, IN.

Management and Maintenance of Teeth with Furcation Involvement. May 8, 2015. Jack Caton Fellowship Lecture. Rochester, NY.

Maintenance: The Key to Successful Implant Therapy. March 14, 2015. Academy of Osseointegration Annual Meeting. San Francisco, CA.

Preserving Periodontally Compromised Teeth. October 10, 2014. American Dental Association Annual Meeting. San Antonio, TX.

Periodontal Therapy: Achieving Results for Maintenance and Longevity. September 20, 2014. American Academy of Periodontology Annual Meeting. San Francisco, CA.

Advances in Regeneration: Restoratively Driven, Periodontally Enhanced. June 7, 2014. Ramfjord Symposium, University of Michigan School of Dentistry. Ann Arbor, Michigan.

Maintenance: The Key to Successful Periodontal and Implant Therapy. April 26, 2014. The American Academy of Periodontology Spring Conference: The Perio-Restorative Partnership: A Roadmap to Clinical Success. Chicago, Illinois

Regenerative Therapy in Furcation Defects: Advances and Limitations. June 7, 2013. The 11th International Symposium on Periodontics and Restorative Dentistry. Boston, Massachusetts.

Identification and Management of Peri-Implant Disease. March 9, 2013. Academy of Osseointegration Annual Meeting. Tampa, Florida.

Periodontics Update. January 25, 2013. Rocky Mountain Dental Convention. Denver, Colorado.

Management and Maintenance of Teeth with Furcation Involvement. January 25, 2013. Rocky Mountain Dental Convention. Denver, Colorado.

Collaborative Care for Optimal Patient Outcomes. August 2, 2012. RDH Under One Roof. Las Vegas, Nevada.

Advances in Regeneration: Restoratively Driven, Periodontally Enhanced. May 19, 2012. 55th Spring Meeting of the Japanese Society of Periodontology. Sapporo, Hokkaido, Japan.

Periodontics Update: Collaborative Care for Optimal Patient Outcomes. October 28, 2011. Fugazzotto Study Club. Tyngsboro, Massachusetts

Collaborative Care for Optimal Patient Outcomes. September 23, 2011. Colorado Dental Hygienists' Association Annual Meeting. Denver, Colorado.

Advances in Regeneration: Preserving Periodontally Compromised Teeth. May 20, 2011. Illinois Society of Periodontists. Oak Brook, Illinois

Periodontics Update: Collaborative Care for Optimal Patient Outcomes. January 15, 2011. Rocky Mountain Dental Convention. Denver, CO.

Evidence Based Periodontal Regeneration and Clinical Applications of Combination Techniques June 11, 2010. The 10th International Symposium on Periodontics & Restorative Dentistry. Boston, MA

Management and Maintenance of Teeth with Furcation Involvement. June 10, 2010. The 10th International Symposium on Periodontics & Restorative Dentistry. Boston, MA

Save the Teeth or Extract and Place Implants. March 5, 2010. Academy of Osseointegration 25th Annual Meeting. Orlando, FL.

Periodontal Regenerative Therapy. December 2, 2009. Study Club of the Rockies. Loveland, CO.

Understanding Success and Failure in Periodontal Regeneration. September 15, 2009. General Session - American Academy of Periodontology Annual Meeting. Boston, MA

Management of Complex Periodontal Defects With Regenerative Therapy. August 22, 2009. Gerald M. Bowers Study Club. Baltimore, MD.

Periodontal Regenerative Therapy. August 18, 2009. Geistlich. Lucerne, Switzerland.

Management of Complex Periodontal Defects Using Combination Regenerative Therapy. February 23, 2009. Post-graduate Lecture Series UTHSCSA, Department of Periodontology. San Antonio, TX.

Periodontal Regenerative Therapy. February 7, 2009. Joint AAO/AAP Mid –Winter Conference. Orlando, FL.

Periodontal Regenerative Therapy – A Case for Tooth Retention. September 6, 2008. Dental Hygiene Symposium: American Academy of Periodontology Annual Meeting. Seattle, WA.

Management of Complex Periodontal Defects Using Combination Regenerative Therapy. June 22, 2008. The Japanese Academy of Clinical Periodontology Annual Meeting. Tokyo, Japan.

Preserving Periodontally Compromised Teeth. May 16, 2008. DPR World 2008. Las Vegas, Nevada.

Teeth Retention vs. Extraction and Implant Replacement vs. Crown and Bridge Splinting: Periodontal Perspective. March 1, 2008. Academy of Osseointegration 23rd Annual Meeting. Boston, MA

Management of Complex Periodontal Defects Using Combination Regenerative Therapy. February 23, 2008. Midwest Society of Periodontology 51st Annual Meeting. Chicago, IL.

Managing Complex Osseous Defects Using Combination Regenerative Therapy. February 2, 2008. International Bone Symposium. Las Vegas, Nevada.

Current Trends in Managing Periodontal Diseases. January 31, 2008. Yankee Dental Congress 33. Boston, Massachusetts.

Factors Influencing the Success of Periodontal Regeneration. October 29, 2007. American Academy of Periodontology Annual Meeting. Washington D.C.

Managing Complex Osseous Defects Using Combination Regenerative Therapy. June 8, 2007. The 9th International Symposium on Periodontics and Restorative Dentistry. Boston, MA.

Current Concepts in the Management of Periodontal Disease. January 20, 2007. Rocky Mountain Dental Convention. Denver, Colorado.

Periodontal Regenerative Therapy. January 18, 2007. Southwest Dental Conference. Dallas, Texas.

Predictable Regenerative Care for Enhanced Teeth Prognoses with Osseous Grafts: Which Recipe to Choose. September 18, 2006. American Academy of Periodontology Annual Meeting. San Diego, California.

Periodontal Regenerative Therapy. August 5, 2006. Academy of General Dentistry Annual Meeting. Denver, Colorado.

Nonsurgical and Surgical Therapies. May 11, 2006. Texas Dental Association. San Antonio, Texas.

Periodontal Regenerative Therapy. May 11, 2006. Texas Dental Association. San Antonio, Texas.

Management of Complex Periodontal Defects Using Combination Regenerative Therapy. April 7, 2006. Northeastern Society of Periodontists. New York, New York.

Managing Periodontal Disease in 2006. March 3, 2006. University of Colorado School of Dentistry. Denver, CO.

Nonsurgical and Surgical Therapies: Where Do They Fit? February 23, 2006. 141st Chicago Dental Society MidWinter Meeting. Chicago, IL

Periodontal Regenerative Therapy. Yankee Dental Congress 31. January 28, 2006. Boston, MA

Combination Therapy in Periodontal Regeneration. Yankee Dental Congress 31. January 28, 2006. Boston, MA.

Periodontal Regenerative Therapy. Dental Hygiene Symposium: Partners in Care. American Academy of Periodontology Annual Meeting. September 24, 2005. Denver, Colorado.

Interactive General Session: Treatment Planning the Mandibular Molar Class II Furcation with Periodontal Regeneration. American Academy of Periodontology Annual Meeting. September 27, 2005. Denver, Colorado.

Periodontal Regenerative Therapy. Virginia Society of Periodontists. April 8, 2005. Portsmouth, Virginia.

Nonsurgical and Surgical Periodontal Therapies: Where Do They Fit? University of Minnesota Continuing Education Program. March 18, 2005. St. Paul Minnesota.

The Use of Combined Therapy in Periodontal Regeneration. The 8th International Symposium on Periodontics & Restorative Dentistry. June 10, 2004. Boston, MA.

Periodontal Reconstructive Therapy. 134th Annual Session of the Texas Dental Association May 13, 2004. San Antonio, Texas.

Periodontal Regenerative Therapy. University of Michigan, Department of Periodontics – Post Graduate Seminar. May 1, 2004. Ann Arbor, Michigan.

Nonsurgical and Surgical Therapies: Where Do They Fit? American Dental Association Annual Session. October 23, 2003. San Francisco, California.

Regenerative Barriers: The Evolution and the Techniques. American Academy of Periodontology Annual Meeting. September 24, 2003. San Francisco, California.

Esthetics and Periodontal Therapy. Chicago Dental Society 138th Midwinter Meeting. February 27, 2003. Chicago, Illinois.

Periodontal Regenerative Therapy. Chicago Dental Society 138th Midwinter Meeting. February 28, 2003. Chicago, Illinois.

Bone Replacement Grafts in Periodontal Regeneration. American Academy of Periodontology Annual Meeting. September 26, 2002. New Orleans, Louisiana.

Periodontal Reconstructive Therapy. Fedi Lecture Series of the University of Missouri-Kansas City Alumni Annual Meeting. April 5, 2001.

Predictable Periodontal Regeneration. American Academy of Restorative Dentistry. February 25, 2001. Chicago, Illinois.

Choices in Periodontal Regenerative Therapy. Post-Meeting Symposium of the American Academy of Periodontology. September 23, 2000. Maui, Hawaii.

Periodontal Reconstructive Therapy. Annual Meeting of the Missouri/Kansas Society of Peridontists. April 29, 2000. St. Louis, Missouri.

An Overview of Periodontal Reconstructive Therapy. Edmonton and District Dental Society.. February 25, 2000. Edmonton, Alberta. Canada

Periodontal Reconstructive Therapy. The Denver Midwinter Dental Convention. Denver, Colorado. January 14, 2000.

Changing Concepts in Furcation Mangement. Continuing Education 1999 American Academy of Periodontology Annual Meeting. San Antonio, TX. September 27, 1999.

Combined Regenerative Therapy. Postgraduate Education. UCLA Los Angeles, CA. May 21, 1998.

Current Concepts in Periodontal Therapy. Russell W. Bunting Periodontal Study Club. Maumee Bay, OH. May 16-17, 1998

Maintenance Therapy: The Key to Long Term Success. 1998 AAP Periodontal and Restorative Conference. Chicago, Illinois. May 1998.

Periodontal Regenerative Therapy. Baylor Periodontal Study Group. Breckenridge, CO. February 12-14, 1998

Current Concepts in Periodontal Therapy. Advanced General Dentistry Mastertrak. New Orleans, LA. January 23-24, 1998

Regenerative Therapy: It's Much More Than Surgery. Conference on Regenerative Therapy: Present and Future for The Continuing Education Network, Inc. Williamsburg, VA. December 1997.

Combined Therapy in Periodontal Regeneration. American Academy of Periodontology Annual Meeting. San Diego, CA. October 1997.

Periodontal Regeneration: Past, Present and Future. Japanese Institute for Advanced Dental Studies. Osaka, Japan. September 1997

Treatment of an Intrabony Defect using Combined Therapy. A video presentation. American Academy of Periodontology Annual Meeting. New Orleans, Louisiana. October 1996.

Successful Periodontal Regeneration. Intermountain Society of Periodontists Annual Meeting. Salt Lake City, Utah. January 1996.

Regenerative Therapy Alternatives. Gruppe A.e.in. Z. Munich, Germany, November 1995.

Defect Selection for Successful Periodontal Regeneration. 5th International Symposim on Periodontics and Restorative Dentistry. Boston, MA. June, 1995.

Periodontal Regeneration. Canadian Academy of Periodontology Annual Meeting. May, 1995.

Healing Patterns Associated with Combined Therapy. American Academy of Periodontology. Conference of Esthetic and Regenerative Therapy. Dallas, TX. April, 1995.

Periodontal Regeneration: A Team Approach. Hosted by Periodontal Horizons. San Diego, CA Sept, 1992, Orlando, FL. Sept, 1994. Scottsdale, AZ Mar, 1995.

Regenerative Therapy: A Team Approach. American Academy of Periodontology Annual Meeting. San Francisco, CA. Sept, 1994.

Regenerative Therapy in Furcation Defects. Northeastern Society of Periodontists. New York, NY. May, 1994.

Advanced Root Planing: A Practical Course. American Academy of Periodontology – 1993 Periodontal Disease Management Conference. Boston, MA. July, 1993.

Current Concepts in Guided Tissue Regeneration. New Mexico Society of Periodontology. Albuquerque, NM. April, 1993.