

CURRICULUM VITAE

I. PERSONAL DATA

Name: Mark Allan Reynolds

Correspondence: University of Maryland, School of Dentistry
Department of Advanced Oral Sciences and Therapeutics
650 West Baltimore Street
(410) 706-7461
mreynolds@umaryland.edu

II. EDUCATION

B.A. University of Maryland Baltimore County, Catonsville, MD
Psychology

M.A. University of Maryland Baltimore County, Catonsville, MD
Community-Clinical Psychology

D.D.S. University of Maryland, Dental School, Baltimore, MD

Certificate University of Maryland, Dental School, Baltimore, MD
Periodontics

Ph.D. University of Maryland, Graduate School, Baltimore, MD
Oral and Experimental Pathology

III. EXPERIENCE IN HIGHER EDUCATION

1996-2000 Assistant Professor, Departments of Oral & Maxillofacial Pathology and Periodontics, University of Maryland, Dental School

2001-2008 Associate Professor, Departments of Oral & Maxillofacial Pathology and Periodontics, University of Maryland, Dental School

2001- 2013 Director, Advanced Dental Education Program in Periodontics, University of Maryland, Dental School

2001- present Regular Member, Graduate School, University of Maryland, Baltimore

2005- 2015 Chair, Department of Periodontics, University of Maryland, School of Dentistry

2009- present Professor, Department of Advanced Oral Sciences and Therapeutics (formerly Dept. of Periodontics), University of Maryland, School of Dentistry

2013- 2014 Interim Dean, University of Maryland, School of Dentistry

2014- present Dean, University of Maryland, School of Dentistry

Course Lectures

Dental

Biomedicine

Inflammation I. Acute	1996-01
Inflammation II. Chronic	1996-01
Wound Repair	1996-01
Neoplasia 1. Introduction	1996-01
Nutritional Disorders	1996-01
Connective Tissue Lesions	1996-01
Ulcerative Conditions	1999-01
Diseases of the Periodontium	1999-01
Small Group CPC Sessions	1996-01
Normal Oral Physiology of Aging	1999-00

Periodontics

Connective Tissue Biology and Extracellular Matrix	1995-13
Examination and Diagnosis of Periodontal Disease	1995-10
Treatment Planning the Type III and Type IV Case— The Role of Periodontics in the General Practice	1995-06
Treatment of Mucogingival Problems	2001
Evaluation of Initial Periodontal Therapy & Periodontal Maintenance	1995-13
Periodontal Regeneration: Bone Replacement Grafts	2010
Treatment Algorithms in Periodontics	2008-11
Gingival Diseases	2011-11

Microbiology & Immunology

Molecular Biology of Microbial Interactions with the Host in Periodontal Disease	2010-present
Modulation of the Host Response in Destructive Periodontal Disease	2010-present

Professionalism

Contemporary Periodontics	2005-2008
Ethics	1996-01

Dental Hygiene

Inflammation	1997-00
Wound Repair	1997-00
Temporomandibular Disorders and Dental Implants	1997-00
Periodontal Infection and Systemic Disease	2006

Graduate

Pathology

Current Classification of Periodontitis	1999-01
Diseases and Conditions Involving the Periodontium	1999-01
Inflammation and Repair I	1996-01
Inflammation and Repair II	1996-01
Traumatic and Regressive Changes	1996-01

Biology of Bone, Cementum, and Periodontal Ligament	1996-01
<u>Immunology & Oral Diseases</u>	
Cell-Mediated Reactions: Effector Molecules and Effector Mechanisms	1999-05
Lymphokines, Cytokines, and Interleukins	1996-05
Cell Migration Patterns & Inflammation	1996-05
<u>Pain</u>	
Nonsteroidal Inflammatory Drugs	2003-06
Management of Chronic Pain	2007-14
Post-Graduate	
Bone Biology and Osseointegration	2008-10
Cell Migration Patterns & Inflammation	1996-05
Growth Factors in Tissue Engineering of Bone	2008-10
Lymphokines, Cytokines, and Interleukins	1996-05

Course Director

Dental

Principles of Biomedicine 2000-01

Post-graduate Periodontics (Program Director 2001-13)

Introduction to Periodontal Therapy and Molecular Biology	2001-13
Literature Review (Yrs I, II, III)	2001-13
Diagnosis, Prognosis and Treatment Planning (Yrs I, II, III)	2001-13
Surgical Techniques (Yrs I, II, III)	2001-13
Research Methodology (Yrs I, II, III)	2001-13

Invited Lectures (Selected, 1997- present)

1. Impact of Cigarette Smoking on Periodontal Regeneration Following Surgical Therapy. *83rd Annual Meeting of the American Academy of Periodontology*, San Diego, CA (1997, October)
2. Regeneration—Human Histological Studies Regarding the Effects of Inflammation and DFDBA Particles. *83rd Annual Meeting of the American Academy of Periodontology*, San Diego, CA (1997, October)
3. Adjunctive Chemotherapeutics in Periodontal Therapy: New Directions. *Maryland State Dental Association Annual Symposium*, Columbia, MD (1997, December)
4. Biomedical Markers for Gingival Hyperplasia. Distinguished Scientist Lecture Series, University of Florida, Gainesville, FL (2000, March)
5. Comparison of Bone Replacement Grafts and Tissue Modulators for Periodontal Regeneration. *86th Annual Meeting of the American Academy of Periodontology*, Honolulu, HI (2000, September)
6. Clinical Management of Furcation Defects. *87th Annual Meeting of the American Academy of Periodontology*, Philadelphia, PA (2001, October)
7. Avoiding the Great Barrier Grief. *88th Annual Meeting of the American Academy of Periodontology*, New Orleans, LA (2002, September)

8. American Board Review—Part I. *88th Annual Meeting of the American Academy of Periodontology*, New Orleans, LA (2002, September)
9. Biology of Bone, Collagen, and Regeneration. *14th Annual Maryland Periodontal Board Review and Preparation Course*, Baltimore, MD (2002, July)
10. American Board Review—Part II. *88th Annual Meeting of the American Academy of Periodontology*, New Orleans, LA (2002, September)
11. Evidence-Based Understanding of Bone Replacement Therapy. *89th Annual Meeting of the American Academy of Periodontology*, San Francisco, CA (2003, September)
12. Immunology. *17th Annual Review of the Biologic and Clinical Aspects of Endodontology*. (Board Review Course) University of Michigan, Ann Arbor, MI (2003, March)
13. Biology of Bone, Collagen, and Regeneration. *15th Annual Maryland Periodontal Board Review and Preparation Course*, Baltimore, MD (2003, July)
14. American Board Review—Part I. *89th Annual Meeting of the American Academy of Periodontology*, San Francisco, CA (2003, September)
15. American Board Review—Part II. *89th Annual Meeting of the American Academy of Periodontology*, San Francisco, CA (2003, September)
16. Immunology. *18th Annual Review of the Biologic and Clinical Aspects of Endodontology*. (Board Review Course) University of Michigan, Ann Arbor, MI (2004, March)
17. Biology of Bone, Collagen, and Regeneration. *16th Annual Maryland Periodontal Board Review and Preparation Course*, Baltimore, MD (2004, July)
18. American Board Review—Part I. *90th Annual Meeting of the American Academy of Periodontology*, Orlando, FL (2004, November)
19. Immunology. *19th Annual Review of the Biologic and Clinical Aspects of Endodontology*. (Board Review Course) University of Michigan, Ann Arbor, MI (2005, March)
20. Biology of Bone, Collagen, and Regeneration. *17th Annual Maryland Periodontal Board Review and Preparation Course*, Baltimore, MD (2005, July)
21. American Board Review—Part I. *91st Annual Meeting of the American Academy of Periodontology*, Denver, CO (2005, September)
22. Interactive General Session—Treatment Planning. Treatment Planning: The Intrabony Defect. *91st Annual Meeting of the American Academy of Periodontology*, Denver, CO (2005, September)
23. Implant Dentistry: Emerging Technologies and Changing Paradigms. *Montgomery Bucks County Dental Society*, PA (2006, November)
24. Immunology. *20th Annual Review of the Biologic and Clinical Aspects of Endodontology*. (Board Review Course) University of Michigan, Ann Arbor, MI (2006, March)
25. Biology of Bone, Collagen, and Regeneration. *18th Annual Maryland Periodontal Board Review and Preparation Course*, Baltimore, MD (2006, June)
26. American Board Review—Part I. *92nd Annual Meeting of the American Academy of Periodontology*, San Diego, CA (2006, September)

27. Immunology. 21st *Annual Review of the Biologic and Clinical Aspects of Endodontology*. (Board Review Course) University of Michigan, Ann Arbor, MI (2007, March)
28. Biology of Bone, Collagen, and Regeneration. 19th *Annual Maryland Periodontal Board Review and Preparation Course*, Baltimore, MD (2007, July)
29. American Board Review–Part I. 93rd *Annual Meeting of the American Academy of Periodontology*, Washington, DC (2007, October)
30. Factors Affecting Success in Periodontal Regeneration. 93rd *Annual Meeting of the American Academy of Periodontology*, Washington, DC (2007, October)
31. Guided Tissue Regeneration: Current Concepts and Clinical Applications. 76th *Annual Nation's Capital Meeting*, Washington, DC (2008, January)
32. Implant Dentistry: Emerging Technologies, Changing Paradigms. Region V - *Academy of General Dentistry*, Washington, DC (2008, January)
33. Platelet Derived Growth Factor: Science and Clinical Applications. *Tennessee Society of Periodontists*, Nashville, TN (2008, January)
34. Chronic Inflammatory Disease: The Changing Face of Oral Health Care. *Delaware State Dental Society*, Dover, DE (2008, February)
35. Platelet Derived Growth Factor: Emerging Clinical Applications. *Annual Meeting of the Academy of Osseointegration*, Boston, MA (2008, February)
36. Chronic Systemic Inflammation. *Maryland State Society of Endodontists*, Pikesville, MD (2008, May)
37. Emerging Carrier Technologies for the Delivery of Differentiation Factors. *University Illinois at Chicago* (2008, June)
38. The Strategic Extraction in the Age of Dental Implants, *University of Maryland*, MD (2008, November)
39. Lumps, Bumps, and Sores: Diagnosis and Management of Oral Lesions. *Washington Iranian Dental Society*, Tysons Corner, VA (December, 2008)
40. Critical Analysis of Carriers for Delivery of Differentiation Factors. 95th *Annual Meeting of the American Academy of Periodontology*, Boston, MA (2009, September)
41. The Periodontal-Systemic Disease Connection: Aligning Recommendations with Evidence. 78th *Annual Nation's Capital Meeting*, District of Columbia (April, 2010)
42. Growth Factor and Cell-based Therapies. *Washington Implant Study Club*, Bethesda (April, 2010)
43. Regenerative Approaches in the Management of Furcation Defects. *Hellenic Society of Periodontology 10th International Symposium of Periodontology*, Athens, Greece (May, 2010)
44. Intrabony Defects: Developing Regenerative Algorithms for Treatment. *Hellenic Society of Periodontology 10th International Symposium of Periodontology*, Athens, Greece (May, 2010)
45. Role of Platelet Derived Growth Factor in Regenerative Therapy: New Perspectives. *10th International Symposium on Periodontics and Restorative Dentistry*, Boston, MA (June, 2010)

46. Defining Clinical Applications for Biologics. *96th Annual Meeting of the American Academy of Periodontology*, Honolulu, HA (November, 2010)
47. Contemporary Regenerative Approaches in the Management of Intrabony, Furcation, and Alveolar Ridge Defects. *17th Annual Meeting of the Alexandria International Dental Congress*, Cairo, Egypt (November, 2010)
48. Nonsurgical Therapy and Lasers. *Maryland Academy of General Dentistry*, Linthicum, MD (April, 2011)
49. Floss or Die: Aligning Practice Recommendations with Evidence. Annual Periodontics Alumni Meeting, *The Ohio State University*, Columbus, OH (April, 2011)
50. Current Evidence on the Role of Oral Infection in Systemic Disease. Journalist to Journalist Global Health Media Training, *National Press Foundation*, Washington, DC (June, 2011)
51. Periodontal-Systemic Disease Connection. *98th Annual Meeting of the National Dental Association*, Baltimore, MD (July, 2011)
52. Periodontal Diseases and Treatment. *Food and Drug Administration*, Center for Biologics Evaluation and Research, Rockville (December, 2011)
53. Are Biologic Additions for Periodontal Regenerative Care Necessary: Point-Counter Point. *97th Annual Meeting of the American Academy of Periodontology*, Miami, FL (2011, November)
54. Contemporary Periodontics: Emerging Technologies, Changing Paradigms. *22nd Annual Dr. Peter Fedi Periodontics Lecture*, *University of Missouri*. Kansas City (April, 2012)
55. Floss or Die? Aligning Practice Recommendations with Current Evidence. *The Ohio State University Post College Assembly* (May, 2012).
56. Periodontal Inflammation and Systemic Health. *Benjamin Tenenbaum Memorial Lecture*, *Columbia University College of Dental Medicine* (May, 2012)
57. Inflammation, Aging, and Disease. *91st Annual Meeting of the American Association of Women Dentists*, Chicago (June, 2012)
58. Mesenchymal Stem Cells in Osseous Reconstruction. *Annual Meeting of the Academy of Microscope Enhanced Dentistry*, San Diego (November, 2012)
59. Periodontal Treatment Recommendations under Scrutiny. *Baltimore and Washington, DC Alpha Omega Alumni Chapters* (January, 2013)
60. Periodontal Disease and Its Role in Systemic Health. *81st Annual Nation's Capital Meeting*, Washington, DC (March, 2013)
61. Inflammation: At the Intersection of Aging and Disease. *Texas A & M University, Baylor College of Dentistry*, Dallas (May, 2013).
62. Protein- and peptide-based Therapies in Bone and Periodontal Regeneration. *Federal University of Rio Grande do Sul*, Rio Grande do Sul, Brazil (October, 2013)
63. Oral Infection and Systemic Health. *Medical and Dental Center of the Military Police*, Rio Grande do Sul, Brazil (October, 2013)
64. Stem Cell Technologies in Periodontal Regeneration. *U.S. Army, Tingay Dental Clinic*, Fort Gordon, GA (December, 2013)

65. Advances in Periodontal and Bone Regeneration. *149th Annual Chicago Dental Society Midwinter Meeting*, Chicago, IL (February, 2014)
66. Is Inflammation the Tie that Binds? *149th Annual Chicago Dental Society Midwinter Meeting*, Chicago, IL (February, 2014)
67. Periodontal Regeneration in the Era of Lasers, Proteins, and Stem Cells. *57th Annual Meeting of the Midwest Society of Periodontology*, Chicago, IL (February, 2014)
68. Advances in Bone Grafting Techniques and Materials. *29th Annual Meeting of the Academy of Osseointegration*. Seattle, WA (March, 2014)
69. Emerging Technologies in Periodontics. *82nd Annual Nation's Capital Meeting*, Washington, DC (March, 2014)
70. Periodontal and Bone Regeneration in the Era of Lasers, Proteins, and Stem Cells. *College of Dentistry, King Saud bin Abdulaziz University for Health Sciences*, Riyadh, Saudi Arabia (April, 2014)
71. New Frontiers in Periodontal and Bone Regeneration. *Annual Meeting of the Academy of Microscope Enhanced Dentistry*, Baltimore, MD (June, 2014)
72. Stem Cells and Matrices in Periodontal Regeneration. *21st Annual Symposium of the Gerald M. Bowers Study Club in Periodontology*, Baltimore, MD (June, 2014)
73. Role of Lasers in Periodontal Regeneration. *100th Annual Meeting of the American Academy of Periodontology*, San Francisco, CA (September, 2014)
74. Advances in Periodontal and Bone Regeneration. *College of Stomatology, Shanghai Jiao Tong University School of Medicine*, Shanghai (June, 2014)
75. Allogeneic Cellular Bone Grafts: Caveats and Lessons. *5th Annual Columbia University/ICOI Dental Implant Symposium Cutting Edge Concepts in Implantology*, New York, NY (December, 2014)
76. Particulate Bone Grafts: Is There a Difference? *30th Annual Meeting of the Academy of Osseointegration*, San Francisco, CA (March, 2015)
77. Saving Teeth: Clinical Advances in Periodontal Regeneration. *Naval Postgraduate Dental School, NMPDC* (March, 2015)
78. Lasers: Separating Fact, Fiction, and Hype. *Naval Postgraduate Dental School, NMPDC* (March, 2015)
79. Lasers and Cell-based Allografts in Periodontal Regeneration. *American Academy of Periodontology Spring Conference, Embracing Technology to Enhance Clinical Practice*, Chicago, IL (May, 2015)
80. Floss of Die: Is Inflammation the Tie that Binds? *Annual Southwest Dental Conference*, Dallas, TX (August, 2015)
81. Clinical Advances in Bone and Periodontal Regeneration. *Annual Southwest Dental Conference*, Dallas, TX (August, 2015)
82. New Frontiers in Hard Tissue Engineering. *62nd Annual Scientific Session of the Western Society of Periodontology* (September, 2015)
83. Periodontal and Bone Regeneration: Principles to Practice. *91st Annual Greater New York Dental Meeting*, New York, NY (November, 2015)
84. Adjunctive Nonsurgical Periodontal Therapies: Best Practices? *91st Annual Greater New York Dental Meeting*, New York, NY (November, 2015)

85. Inflammation: Link Between Periodontitis and Systemic Diseases. *91st Annual Greater New York Dental Meeting*, New York, NY (December, 2015)
86. Peri-implant Diseases: An Emerging Crisis? *91st Annual Greater New York Dental Meeting*, New York, NY (December, 2015)
87. Hard Tissue Engineering: Role of Cellular-Based Allografts. *12th International Symposium on Periodontics and Restorative Dentistry*, Boston, MA (June, 2016)
88. Role of Biologics in Bone Regeneration. Annual Conference of the *American Academy of Implant Dentistry*, New Orleans, LA (October, 2016)
89. Saving Teeth: Advances in Periodontal and Bone Regeneration. Nihon University, School of Dentistry, Tokyo, Japan (March, 2017)
90. Saving Teeth: Advances in Periodontal Regeneration. Nippon Dental University, School of Dentistry, Tokyo, Japan, (March, 2017)
91. Saving Teeth: Advances in Periodontal and Bone Regeneration. Tokyo Dental College, Tokyo, Japan. (March, 2017)
92. Saving Teeth: Advances in Periodontal Regeneration. Asahi University, School of Dentistry Mizuho, Japan, School of Dentistry (March, 2017)
93. Periodontal Regeneration: Principles to Practice. *California Dental Association*, San Francisco, CA (August, 2017)
94. Adjunctive Nonsurgical Periodontal Therapies: Best Practices? *California Dental Association*, San Francisco, CA (August, 2017)
95. Periodontal Disease and Systemic Health. *California Dental Association*, San Francisco, CA (August, 2017)
96. New Frontiers in Periodontal Tissue Engineering. *Dr. Leonard Abrams Distinguished Speaker Series Lecture*, Temple University, Philadelphia (October, 2017)

Graduate Education

Thesis (M.S.) Committees

21 Committees (*Chair)
16 Committees (Member)

Dissertation (Ph.D.) Committees

2 Committees (*Chair)
8 Committees (Member)

IV. **EXPERIENCE OTHER THAN IN HIGHER EDUCATION**

Gerontology Research Center, National Institute on Aging, NIH

Private Dental Practice, Edgewood, MD

Noxell Corporation, Research Services, Hunt Valley, MD

Dixon & Williams Pharmaceutical Company, Inc. Bernardsville, NJ

Office of the Director. Addiction Research Center, National Institute on Drug Abuse

Dentsply International, York, PA

Naval Postgraduate Dental School, National Naval Medical Center (Periodontics)

Chesebrough-Pond's USA Co., Research Laboratories, Trumbull, CT

LifeNet Transplant Services, Virginia Beach, VA

The Wilkerson Group, IBM, New York, NY

OraPharma, Inc., PA

BioMimetic Pharmaceuticals, Franklin, TN

LifeCore Biomedical, Chaska, MN

Johnson & Johnson, New Brunswick, NJ

Luitpold Pharmaceuticals, Shirley, NY

LifeNet Health, Virginia Beach, VA

Office of Cellular, Tissue, and Gene Therapy, FDA, Rockville, MD

V. **PROFESSIONAL ACTIVITIES**

Professional Affiliations

Academy of Osseointegration

American Academy of Periodontology

American Association for Dental Research

American Dental Association

American Dental Education Association

International Congress of Oral Implantologists

Maryland State Dental Association

Scientific Journals

Editorial Board

Clinical Advances in Periodontics (2011-present)

International Journal of Periodontics and Restorative Dentistry (2008-present)

Journal of Evidence-Based Dental Practice (2006- present; Section Editor 2006-12)

Journal of the Indian Society of Periodontology (2014-present)

Journal of Periodontal Research (2007 - present)

Journal of Periodontology (2001-06; Peer Review Panel 2007-Present)

Program Participation (Selected)

Papers presented at State, National, and International Programs (without published proceedings)

1. Siegman, A.W., & Reynolds, M.A. *Economy and hesitation in speech*. Paper presented at the annual meeting of the Eastern Psychological Association, Washington, DC. (March, 1978)
2. Siegman, A.W., & Reynolds, M.A. *Eye contact and self-disclosure in the initial interview*. Paper presented at the annual meeting of the Eastern Psychological Association, Philadelphia, PA. (April, 1979)
3. Siegman, A.W., & Reynolds, M.A. *On the communication of intimate messages*. Paper presented at the annual conference of the Eastern Communication Association, Philadelphia, PA. (May, 1979)
4. Siegman, A.W., & Reynolds, M.A. *Vocal correlates of gender: Stable markers or situation specific?* Symposium paper presented at the annual meeting of the American Psychological Association, New York, NY. (August, 1979)
5. Siegman, A.W., & Reynolds, M.A. *Interviews without interviewers*. Paper presented at the annual meeting of the Eastern Psychological Association, Hartford, CT. (April, 1980)
6. Reynolds, M.A., & Goodrick, C.L. *Resistance to extinction of genetically obese mice and normal mice following training on continuous and partial reward schedules*. Paper presented at the annual meeting of the Eastern Psychological Association, Hartford, CT. (April, 1980)
7. Siegman, A.W., & Reynolds, M.A. *Temporal patterning of speech and person perception in the initial interview*. Paper presented at annual conference of the Eastern Communication Association, Ocean City, MD. (May, 1980)
8. Reynolds, M.A., & Siegman, A.W. *The voice of deception*. Paper presented at the annual meeting of the Eastern Psychological Association, New York, NY. (April, 1981)
9. Siegman, A.W., & Reynolds, M.A. *Self-monitoring and speech style*. Paper presented at the annual meeting of the Eastern Psychological Association, New York, NY. (April, 1981)

10. Ingram, D.K., Freeman, J.R., & Reynolds, M.A. *Thirst-motivated complex maze learning in young and aged mice*. Paper presented at the annual meeting of the Eastern Psychological Association, Baltimore, MD. (April, 1981)
11. Siegman, A.W., & Reynolds, M.A. *The validity of Snyder's self-monitoring scale as a measure of self-control*. Symposium paper presented at the annual meeting of the Eastern Psychological Association, Baltimore, MD. (April, 1982)
12. Reynolds, M.A., & Siegman, A.W. *Voice of deception: Vocal correlates of unfeigned deceit*. Poster presented at the annual meeting of the American Psychological Association, Washington, DC. (August, 1982)
13. Siegman, A.W., & Reynolds, M.A. *Self-monitoring and deception skills*. Poster presented at the annual meeting of the American Psychological Association, Washington, DC. (August, 1982)
14. Spangler, E.L., & Reynolds, M.A. *On the role of gender in pain perception*. Poster presented at the annual meeting of the Eastern Psychological Association, Baltimore, MD. (April, 1984)
15. Reynolds, M.A., Spangler, E.L., & Phillips, B.L. *Locus of control: The perception of aversive events as stressful*. Poster presented at the annual meeting of the American Psychological Association, Los Angeles, CA. (August, 1985)
16. Waller, S.B., Ball, M.J., Reynolds, M.A., & London, E.D. *Muscarinic binding and acetyltransferase activity in postmortem brains of demented patients*. Poster presented at the International Symposium on Organic Dementias, London, Ontario, Canada. (June, 1986)
17. Snyder, F.R., & Reynolds, M.A. *Methodone and acetylmethadol: Systematic versus differential effects on affective states*. Paper presented at the annual meeting of the American Psychological Association, Washington, DC. (August, 1986)
18. Reynolds, M.A. *Dental changes with age*. Invited paper presented at the annual meeting of the American College of Clinical Gerontologists, New York, NY. (October, 1987)
19. Krupa, C.M., Minah, G., Rose, W., Reynolds, M., & Suzuki, J.B. *Clinical and microbial impact of simultaneous ultrasonics and subgingival irrigation in periodontitis patients*. Presentation at the annual meeting of the American Public Health Association, Washington, DC. (November, 1988)
20. Krupa, C.M., Minah, G., Rose, W., Reynolds, M.A., & Suzuki, J.B. *Clinical and microbial impact of simultaneous ultrasonics and subgingival irrigation in periodontitis patients*. Presentation at the 11th International Symposium on Dental Hygiene, Ottawa, Canada. (June-July, 1989)
21. Reynolds, M.A., Clemons, G.P., Agarwal, S., Boughman, J.A., Astemborski, J.A., Faulker, Jr., W.A., & Suzuki, J.B. *Serum antibodies and attachment loss in early-onset periodontal diseases*. Presentation at the annual meeting of The American Academy of Periodontology, Dallas, TX. (October, 1990)
22. Agarwal S., Reynolds M.A., and Suzuki J.B. *Oxidative Metabolism in neutrophils from localized juvenile periodontitis (LJP): Mechanisms of activation*. VIII International Conference for Periodontal Research, San Antonio, TX. (November, 1990)

23. Sauk, J.J., Norris, K., Hebert, C., & Reynolds, M. Cell surface expression of Hsps is mediated by multidrug-resistance modulators and reduction of intracellular pH of oral epidermoid carcinoma cells. Keystone Symposia: Cell Immunology and Immunotherapy of Cancer III. (January, 1997)
24. Reynolds, M.A., Guthmiller, J.M., & Sauk, J.J. Role of confounding variables in evaluating periodontal disease as a risk factor. Presentation at the Sunstar-Chapel Hill Symposium '97 entitled Periodontal Diseases and Human Health: New Directions in Periodontal Medicine, Chapel Hill, NC. (March, 1997)
25. Sauk, J.J., Norris, K., Hebert, C., & Reynolds, M. A. Cell surface expression of an Endoplasmic Reticulum Collagen Chaperone, Hsp47, Limits tumor cell invasion and motility. Keystone Symposia: Cell Immunology and Immunotherapy of Cancer. (January, 1998)
26. Davorka, S., Croft, L., Braendle, L., Crouch, K., Reynolds, M., & Wolfinbarger, Jr., L. Effect of polyglycolic/polylactic acid carriers on the osteoinductive potential of DFDBA. Presentation at the annual meeting of Cell and Tissue Bioprocessing, Arlington, VA. (September, 1999)
27. Nikitakis, N.G., Hebert, C., Reynolds, M.A., Hamburger, A.W., & Sauk, J.J. Antineoplastic Effect of NSAID Sulindac on Human Oral Squamous Carcinoma Cells. Presentation at the annual meeting of the American Academy of Oral and Maxillofacial Pathology, New Orleans, LA. (April, 2002)
28. Sarlani E., Grace E.G., Reynolds M.A., Greenspan J.D. Evidence for upregulated central processing of nociceptive input in temporomandibular disorders patients. Presentation at the 28th Annual Scientific Meeting of the American Academy of Orofacial Pain, Dorado, Puerto Rico. (April, 2003)
29. Kassolis, J.D., and Reynolds, M.A. Evaluation of the Adjunctive Benefits of Platelet Rich Plasma in Subantral Sinus Augmentation. Presentation at the annual meeting of the Academy of Osseointegration, San Francisco, CA. (March, 2004)
30. Ruth, K.L., Softic, D., Reynolds, M.A., Aichelmann-Reidy, M.E., Woodward, K., Wolfinbarger, L. Alternate Preservation Method for Bone Allografts: Evaluation in a Rat Calvarial Defect Model. Paper presented at the Annual Meeting of the American Association of Tissue Banks, Boston, MA. (September, 2007)
31. Branch-Mays, G.L., Shiau, H., Phillips, B., Aichelmann-Reidy, M., and Reynolds, M.A. Comparison of a Conventional and Partial-Credit Multiple-Choice Case-Based Clinical Competency Examination in Periodontics. Annual Meeting of the American Dental Education Association, Washington, DC. (March, 2010)
32. Shiau, H.J., Aichelmann-Reidy, M., and Reynolds, M.A. Periodontal Treatment Planning: The Application of Computer-Based Simulation Strategies in Education. Annual Meeting of the American Dental Education Association, Orlando, FL. (March, 2012)
33. Sindler, A. and Reynolds, M.A. Mesenchymal Stem Cells in Osseous Reconstruction. Annual Meeting of the Academy of Microscope Enhanced Dentistry, San Diego, CA. (November, 2012)
34. Chrisopoulos, F.N., Negron, L., Stappert, C.F., & Reynolds, M. Evidence-based evaluation of success rates of endodontic versus implant therapy in compromised

- single tooth positions. Annual Meeting of the Academy of Osseointegration, Tampa, FL. (March, 2013)
35. Chrisopoulos, F. N., Geiman, R., Stappert, C. F., Stappert, D., and Reynolds, M. A. Implant Site Preparation Utilizing Corticotomy- Facilitated Orthodontics: A Case Presentation. Annual Meeting of the Academy of Osseointegration, Seattle, WA. (March, 2014)
 36. Dagdag A, Postolache TT, Wadhawan A, Daue ML, Reynolds MA Diverging Gender Differences in the Associations between Tooth Loss and Obesity vs. Depression in the Old Order Amish 3987th International Winter-Workshop Clinical, Chemical and Biochemical Aspects of Pteridines and Related Topics Innsbruck, Austria (February, 2018)

Licensure and Certifications

Diplomate, American Board of Periodontology
Maryland Dental License, Periodontics
Maryland Controlled Dangerous Substance Registration
Medical Staff, University of Maryland Medical Center (2001-present)

VI. SERVICE ACTIVITIES AND COMMITTEE ASSIGNMENTS

State and Local

1979	Program Committee, Maryland Psychological Association
1979-80	Graduate Committee, Department of Psychology, U.M.B.C.
1984-86	Committee on Undergraduate Dental Education, U.M.A.B., Dental School
1985-86	Student Clinical Advisory Board. U.M.A.B., Dental School Asepsis Control Committee. U.M.A.B., Dental School
1990-95	Program Committee. Harford-Cecil Dental Society
1991-94	Member. Council on Dental Practice. Maryland State Dental Association
1992-93	Secretary. Harford-Cecil Dental Society
1993-94	President-Elect. Harford-Cecil Dental Society
1994-95	President. Harford-Cecil Dental Society
1994-95	Chairman. Council on Dental Practice. Maryland State Dental Association
1995-96	Member. Council on Dental Health and Public Information. Maryland State Dental Association
1995-03	Delegate. Maryland State Dental Association
1993-03	Committee on Advanced Dental and Graduate Education (U.M.A.B., Dental School)
1996	Public Information Committee. Maryland State Dental Association
1996-00	Faculty Councilor (U.M. Dental School)
1996-03	Faculty Senator (U.M., B.)
1997-01	Faculty Advisor, AADR Student Research Group
1997-00	Committee on Research (U.M. Dental School)
1999-present	Institutional Animal Care and Use Committee (U.M. Dental School)
2000-01	Committee on Predoctoral Advancement and Graduation (U.M. Dental School)
2000-02	Infection and Biohazard Committee (U.M. Dental School)
2000-01	Continuing Education Committee (U.M. Dental School)
2000-05	Research Training Committee, Short-Term Research Training Program (U.M. Dental School)
2000-04	Grievance Committee (U.M. Dental School)
2000-02	Vice Chair, Faculty Council/Faculty Assembly (U.M. Dental School)
2001-present	Committee on Advanced Dental and Graduate Education (U.M. Dental School)
2001-02.1	Secretary, Faculty Senate (U.M., B.)
2000-06	Alternate, Institutional Review Board (U.M., B.)
2003-04	Chair, Committee on Advanced Dental and Graduate Education, (U.M., B.)

- 2003-04 Vice Chair, Omicron Kappa Upsilon, National Dental Honor Society (U.M. Dental School)
- 2003-05 Chair, Faculty Council/Faculty Assembly (U.M. Dental School)
- 2004-05 President-Elect, Omicron Kappa Upsilon (U.M. Dental School)
- 2005-06 President, Omicron Kappa Upsilon (U.M. Dental School)
- 2006-present Chair, Implant Committee (U.M. Dental School)
- 2006-2009 Chair, Clinical Sciences Council (U.M. Dental School)
- 2008-present Representative. University of Maryland Advisory Committee on Human Research Protections (U.M., B.)
- 2009-2016 Scientific Review Committee on Intellectual Property (U.M., B.)
- 2010-2013 Member, Appointment, Promotion, and Tenure Committee (U.M. Dental School)
- 2011-2013 Enterprise Risk Management Steering Committee (U.M., B.)
- 2011-2012 Organizing Committee, University of Maryland Summit on Childhood Obesity (U.M., B.)
- 2012-present Interdisciplinary Research Implementation Committee (U.M., B.)
- 2012-2013 Chair, Appointment, Promotion, and Tenure Committee (U.M. School of Dentistry)
- 2013-present Chair, University of Maryland Faculty Dental Service Plan Associates, P.A.
- 2018 Workgroup Member. University of Maryland, Capital Region Health Task Force on Primary Care

National/International

- 1985 Participant. *A Research Agenda on Oral Health in the Elderly*. A collaborative research project of the National Institute on Aging, the National Institute of Dental Research, and the Veterans Administration
- 1996-14 Councilor, American Association for Dental Research (Baltimore Section)
- 2000 Dental Consultant. Division of Animal Resources. Eastern Virginia Medical School, Norfolk, VA.
- 2000 Special Study Section, (Bioengineering Research), Musculoskeletal and Dental Sciences Integrated Review Group, Center for Scientific Review, N.I.H. (March, July)
- 2001 Special Study Section (Bioengineering Research), Musculoskeletal and Dental Sciences Integrated Review Group, Center for Scientific Review, N.I.H. (March)
- 2001 Oral Biology and Medicine-2 Study Section Center for Scientific Review Special Emphasis Panel, N.I.H. (November)
- 2001 Committee F04 on Medical and Surgical Materials and Devices American Society for Testing and Materials
- 2001-05 Fellowships Committee. American Association for Dental Research
- 2002 Oral Biology and Medicine-2 Study Section. Center for Scientific Review, Special Emphasis Panel, N.I.H. (March, July, November)

2002 Reparative Medicine Study Section, Center for Scientific Review, Special Emphasis Panel, N.I.H. (March, July, November)

2002 Chair, Fellowships Committee. American Association for Dental Research

2003 Participant and Reviewer. American Academy of Periodontology Workshop on Contemporary Science in Clinical periodontics: Host Modulation, Anti-Infective Agents, and Tissue Engineering (Reynolds et al., Annals of Periodontology, 2003, 8: 227-265)

2003 Skeletal Biology Development and Disease Study Section. Center for Scientific Review, Special Emphasis Panel, N.I.H. (February, October)

2003 Reparative Medicine Study Section, Center for Scientific Review, Special Emphasis Panel, N.I.H. (February, July, November)

2003 Chair, Fellowships Committee. American Association for Dental Research

2003 Spokesperson for American Academy of Periodontology at Food and Drug Administration, Medical Devices Advisory Committee, Dental Products Panel. (May 22, 2003)

2004 Reparative Medicine Study Section, Center for Scientific Review, Special Emphasis Panel, N.I.H. (March, June)

2004 Skeletal Biology Development and Disease Study Section. Center for Scientific Review, Special Emphasis Panel, N.I.H. (June, November)

2003-08 Consultant. Naval Postgraduate Dental School, National Naval Medical Center (Periodontics).

2003-05 Pfizer/Edward H. Hatton Awards Committee, American Association for Dental Research

2005- Vice President, Omicron Kappa Upsilon Supreme Chapter

2005-2011 Consultant. Commission on Dental Accreditation (Periodontology).

2005 Musculoskeletal Tissue Engineering Study Section. Center for Scientific Review, Special Emphasis Panel, N.I.H. (March, July, November)

2005 Skeletal Biology Development and Disease Study Section. Center for Scientific Review, Special Emphasis Panel, N.I.H. (February, June, July, November)

2005-06 Spokesperson for American Academy of Periodontology at Department of Health and Human Services, Centers for Medicare & Medicaid Services, ICD-9-CM Coordination and Maintenance Committee (September 29, 2005; March 9, 2006).

2005 Reviewer. Michael Smith Foundation for Health Research, Vancouver, British Columbia, Canada

Member. Strategic Task Force to review the organizational structure of the American Association of Dental Research

2006 Musculoskeletal Tissue Engineering Study Section. Center for Scientific Review, Special Emphasis Panel, N.I.H. (March)

2006 Skeletal Biology Development and Disease Study Section. Center for Scientific Review, Special Emphasis Panel, N.I.H. (February, June, October)

2006 President-Elect, Omicron Kappa Upsilon Supreme Chapter

2006-2010 Regular Member. Skeletal Biology Development and Disease Study Section, Center for Scientific Review, N.I.H.

2007-2016 Examiner, American Board of Periodontology

2007 Member, Research Submissions Subcommittee, American Academy of Periodontology

2007 Judge, Balint Orban Memorial Competition. American Academy of Periodontology

2007 President, Omicron Kappa Upsilon, Supreme Chapter (National Dental Honor Society)

2008-12 Member, Research Submissions Committee, American Academy of Periodontology

2010 Panelist, National Science Foundation, Graduate Research Fellowship Program, Bioengineering 2 Panel. (February)

2010-12 Chair, Research Submissions Committee, American Academy of Periodontology

2010-16 Director, American Board of Periodontology

2010-11 Member, Oral Exam Committee, American Board of Periodontology

2010-11 Specialty Board Representative, American Board of Periodontology

2010 Co-Chair, Special Emphasis Panel, Musculoskeletal, Oral and Skin Sciences, Center for Scientific Review, NIH (November)

2011 Chair, Special Emphasis Panel, Musculoskeletal, Oral and Skin Sciences, Center for Scientific Review, NIH (June)

2011 Chair, Special Emphasis Panel, Inflammation, Osteoarthritis, and Rheumatoid Arthritis, Center for Scientific Review, NIH (December)

2011 Temporary Voting Member, Cellular, Tissue and Gene Therapies Advisory Committee, Food & Drug Administration. (11/17/11)

2012-13 Member, Public Relations Task Force. Academy of Osseointegration

2012 Special Emphasis Panel, Skeletal Biology Development and Disease Study Section, Center for Scientific Review, NIH (February)

2013 Special Emphasis Panel, NIDCR, ZRG1 MOSS, Center for Scientific Review, NIH (March)

Special Emphasis Panel, NIDCR, MH19 DSR, Center for Scientific Review, NIH (May)

2012-14 Consultant, Research Submissions Committee, American Academy of Periodontology

2013-14 Member, Oversight Committee on Peri-Implantitis Strategy, American Academy of Periodontology

2013-17 Voting Member, Medical Devices Advisory Committee, Dental Products Panel, Food & Drug Administration (11/05/13-10/31/17)

2014 Section Chair. American Academy of Periodontology Workshop on Enhancing Periodontal Health through Regenerative Approaches. (Kao, Nares, and Reynolds, Journal of Periodontology, in review)

2014-17 Member, New Researcher Development Subcommittee, American Dental Association Foundation

- 2014-15 Member, Research Submissions Committee, American Academy of Periodontology
- 2014-15 Chair, Oversight Committee on Peri-Implantitis Strategy, American Academy of Periodontology
- 2014-16 Member, Leadership Development and Qualifications Committee, American Academy of Periodontology
- 2015-present AAP Education Scholarship/Teaching Fellowship Selection Committee, Academy of Periodontology Foundation
- 2016-18 Chair, Volunteer Qualifications and Awards Committee, American Academy of Periodontology
- 2016 Co-Chairman and Director, American Board of Periodontology
- 2016-present Member. Board of Visitors, University of Maryland Baltimore County
- 2016-18 Journal of the American Dental Association Workgroup, American Academy of Periodontology
- 2017-19 Board of Directors, Academy of Microscope Enhanced Dentistry
- 2017-present Member. Mid-Atlantic Regional Health Equity Council (Region III), National Partnership for Action

VII. HONORS

- 1976 Membership. Psi Chi., The National Honor Society in Psychology
- 1984 Walter Nicolai Prize in Biomedical Gerontology, American Aging Association
- Special Service Award. National Institutes of Health, National Institute on Aging
- Scholarship for Young Investigators. Brookhaven National Laboratory, Associated Universities, Upton, New York
- Membership. Gamma Phi Delta Prosthodontic Honor Society
- Membership. Gorgas Odontological Honorary Society
- 1985 AADS Warner-Lambert Preventive Dentistry Scholarship Award
- American Association of Dental Schools through the Warner-Lambert Company
- Participant. American Dental Association/Dentsply Student Clinician Program
- 1986 Certificate of Merit (D.D.S., Magna Cum Laude), University of Maryland, Dental School
- Membership. Omicron Kappa Upsilon Honorary Dental Society
- Timothy O. Heatwole Chair, University of Maryland, Dental School

- Harry E. Latcham Medal, University of Maryland, Dental School
- Harry E. Kelsey Award for Professional Demeanor, University of Maryland, Dental School
- Maryland Society of Dentistry for Children Pediatric Dentistry Achievement Award, University of Maryland, Dental School
- American Academy of Gold Foil Operators Achievement Award, University of Maryland, Dental School
- Munksgaard International Publishers Award, University of Maryland, Dental School
- The Quintessence Award for Research Achievement, University of Maryland, Dental School
- Travel Grant, American Association for Dental Research
- Who's Who Among Students in American Universities and Colleges
- Marquis Who's Who Among Human Services Professionals
- 1993 The National Dean's List
- 1995 Postdoctoral Research Award. Maryland Section of the American College of Dentists
- 2001 Diplomate, American Board of Periodontology
Young Investigator Fellowship. American Academy of Periodontology
- 2003 Fellow, American College of Dentists
- 2004 Fellow, International College of Dentists
R. Earl Robinson Periodontal Regeneration Award, American Academy of Periodontology
Marquis Who's Who in America
- 2007 President, Omicron Kappa Upsilon, Supreme Chapter
- 2009 List of Recommended Speakers, Regenerative/Tissue Engineering Therapies, American Academy of Periodontology
- 2010 Director, American Board of Periodontology (6-year term; Co-Chair, 2016)
- 2012 Diplomate, International Congress of Oral Implantologists
23rd Annual Benjamin Tenenbaum Memorial Lecture, Columbia University
- 2013 Journalism Award (Special Citation). International College of Dentists
22nd Annual Dr. Peter Fedi Periodontics Lecture, University of Missouri
- 2014 Fellowship, Pierre Fauchard Academy
- 2016 R. Earl Robinson Periodontal Regeneration Award, American Academy of Periodontology

2017 Dr. Leonard Abrams Distinguished Speaker Series Lecture, Temple University

2017 The Honor Society of Phi Kappa Phi

VIII. PUBLICATIONS, PATENTS, AND OTHER CREATIVE EFFORTS

A. Periodicals

1. Ingram, D.K., London, E.D., Reynolds, M.A., Waller, S.B., & Goodrick, C.L. Differential effects of aging on motor performance in two mouse strains. *Neurobiology of Aging*, 1981; **2**: 221-227.
2. Goodrick, C.L., Ingram, D.K., Reynolds, M.A., Freeman, J.R., & Cider, N.L. Effects of intermittent feeding upon growth and lifespan in rats. *Gerontology*, 1982; **28**, 233-241.
3. Ingram, D.K., Reynolds, M.A., & Goodrick, C.L. Relationship of sex, exercise, and growth rate to lifespan in the Wistar rat: A multivariate correlational approach. *Gerontology*, 1982; **28**: 23-31.
4. Ingram, D.K., Archer, J.R., Harrison, D.E., & Reynolds, M.A. Physiological and behavioral correlates of lifespan in aged C57BL/6J mice. *Experimental Gerontology*, 1982; **17**: 295-303.
5. Ingram, D.K., Reynolds, M.A., & Les, E.P. The relationship of genotype, sex, body weight, and growth parameters to lifespan in inbred and hybrid mice. *Mechanisms of Aging and Development*, 1982; **20**: 253-266.
6. Ingram, D.K., London, E.D., & Reynolds, M.A. Circadian rhythmicity and sleep: Effects of aging in laboratory animals. *Neurobiology of Aging*, 1982; **3**: 287-297.
7. Reynolds, M.A., Goodrick, C.L., & Ingram, D.K. Decreased resistance to extinction in *ob/ob* mice following operant training. *Physiology and Behavior*, 1982; **29**: 643-647.
8. Goodrick, C.L., Ingram, D.K., Reynolds, M.A., Freeman, J.R., & Cider, N.L. Differential effects of intermittent feeding and voluntary exercise on body weight and survival in adult rats. *Journal of Gerontology*, 1983; **38**: 36-45.
9. Ingram, D.K., & Reynolds, M.A. Effects of protein, dietary restriction, and exercise on survival in adult rats: A re-analysis of McCay, Maynard, Sperling, and Osgood (1941). *Experimental Aging Research*, 1983; **9**: 41-42.
10. Leiter, E.H., Coleman, D.L., Ingram, D.K., & Reynolds, M.A. Influence of dietary carbohydrate on the induction of diabetes pathogenesis in C57BL/KsJ-db/db diabetes mice. *Journal of Nutrition*, 1983; **113**: 184-195.
11. Siegman, A.W., & Reynolds, M.A. Self-monitoring and speech in feigned and unfeigned lying. *Journal of Personality and Social Psychology*, 1983; **45**: 1325-1333.
12. Siegman, A.W., & Reynolds, M.A. Effects of mutual invisibility and topical intimacy on verbal fluency in dyadic communication. *Journal of Psycholinguistic Research*, 1983; **12**: 443-455.
13. Siegman, A.W., & Reynolds, M.A. Speaking without seeing, or the effect of interviewer absence on interviewee disclosure time. *Journal of Psycholinguistic Research*, 1983; **12**: 595-602.
14. Goodrick, C.L., Ingram, D.K., Reynolds, M.A., Freeman, J.R., & Cider, N.L. Effects of intermittent feeding upon growth, activity, and lifespan in rats allowed voluntary exercise. *Experimental Aging Research*, 1983; **9**: 203-209

15. Ingram, D.K., London, E.D., Waller, S.B., & Reynolds, M.A. Age-dependent correlation of motor performance with neurotransmitter synthetic enzyme activities in mice. *Behavioral and Neural Biology*, 1983; **39**: 284-298.
16. Middaugh, L.D., Ingram, D.K., & Reynolds, M.A. Methodone effects on locomotor activity in young and aged mice. *Neurobiology of Aging*, 1983; **4**: 157-161.
17. Waller, S.B., Ingram, D.K., Reynolds, M.A., & London, E.D. Age and strain comparisons of neurotransmitter synthetic enzyme activities in the mouse. *Journal of Neurochemistry*, 1983; **41**: 1421-1428.
18. London, R., Valljos, J., Baer, D., Strummer, D., Reynolds, M., & Goldstein, P. Serum unconjugated estriol concentrations before and after oxytocin challenge test: An index of fetal well-being. *American Journal of Obstetrics and Gynecology*, 1983; **146**: 630-632.
19. Siegman, A.W., & Reynolds, M. The facilitating effects of interviewer rapport and the paralinguistics of intimate communications. *Journal of Social and Clinical Psychology*, 1984; **2**: 71-88.
20. London, R.S., Murphy, L., Reynolds, M.A., & Goldstein, P.T. Reliability of contact-thermogram services. *Journal of Reproductive Medicine*, 1984; **29**: 686-688.
21. London, R.S., Sundaram, G., Manimekalai, S., Murphy, L., Reynolds, M., & Goldstein, P. The effect of alpha-tocopherol on premenstrual symptomatology: A double-blind study. II. Endocrine correlates. *Journal of the American College of Nutrition*, 1984; **3**: 351-356.
22. Reynolds, M.A., & Ingram, D.K. Is thinner better? *International Journal of Obesity*, 1984; **8**: 285-287.
23. Reynolds, M.A., Ingram, D.K., & Cutler, R.G. Serum uric acid: Correlation with behavioral, metabolic, age, and lifespan parameters among inbred mice. *Age*, 1984; **7**: 93-99.
24. Bernstein, D., Olton, D.S., Ingram, D.K., Waller, S.B., Reynolds, M.A., & London, E.D. Radial maze performance in young and aged mice: Neurochemical correlates. *Pharmacology, Biochemistry, and Behavior*, 1985; **22**: 301-307.
25. Reynolds, M.A., Ingram, D.K., & Talan, M. Relationship of body temperature stability to mortality in aging mice. *Mechanisms of Ageing and Development*, 1985; **30**: 143-152.
26. London, R.S., Sundaram, G., Murphy, L., Manimekalai, S., Reynolds, M., & Goldstein, P.J. The effect of vitamin E on mammary dysplasia: A double blind study. *Obstetrics and Gynecology*, 1985; **65**: 104-106.
27. Lowy, A.M., Ingram, D.K., Olton, D.S., Waller, S.B., Reynolds, M.A., & London, E.D. Discrimination learning requiring different memory components in rats: Age and neurochemical comparisons. *Behavioral Neuroscience*, 1985; **99**: 638-651.
28. Ingram, D.K., & Reynolds, M.A. Assessing the predictive validity of psychomotor tests as measures of biological age in mice. *Experimental Aging Research*, 1986; **12**: 155-162.
29. Waller, S.B., Ball, M.J., Reynolds, M.A., & London, E.D. Muscarinic binding and choline acetyltransferase in postmortem brains of demented patients. *Canadian Journal of Neurological Sciences*, 1986; **13**: 528-532.
30. London, R.S., Murphy, L., Kitlowski, K.E., & Reynolds, M.A. The efficacy of alpha-tocopherol in the treatment of the premenstrual syndrome. *Journal of Reproductive Medicine*, 1987; **32**: 400-404.
31. Ingram, D.K., & Reynolds, M.A. The relationship of body weight to longevity within laboratory rodent species. *Basic Life Sciences*. 1987; **42**: 247-82.

32. Agarwal, S., Reynolds, M.A., Duckett, L.D., & Suzuki, J.B. Altered free cytosolic calcium changes in neutrophil chemotaxis in juvenile periodontitis. *Journal of Periodontal Research*, 1989; **24**: 149-154.
33. Reynolds, M.A., Minah, G.E., Peterson, D.E., Weikel, D.M., Williams, L.T., Overholser, C.D., DePaola, L.G., & Suzuki, J.B. Periodontal disease and oral microbial successions during myelosuppressive cancer chemotherapy. *Journal of Clinical Periodontology*, 1989; **16**: 185-189.
34. Goodrick, C.L., Ingram, D.K., Reynolds, M.A., Freeman, J.R., & Cider, N.L. Effects of intermittent feeding upon growth and lifespan in inbred mice: Interaction of genotype and age. *Mechanisms of Aging and Development*, 1990; **55**: 69-87.
35. Clemons, G.P., Reynolds, M.A., Agarwal, S., Boughman, J.A., & Suzuki, J.B. Current concepts in the diagnosis and classification of periodontitis. *Journal of the California Dental Association*, 1990; **16**: 33-38.
36. Peterson, D.E., Minah, G.E., Reynolds, M.A., Weikel, D.S., Overholser, C.D., DePaola, L.G., Wade, J.C., & Suzuki, J.B. Effect of granulocytopenia on oral microbial relationships in acute leukemia patients. *Oral Surgery, Oral Medicine, Oral Pathology*, 1990; **70**: 720-723.
37. Spangler, E.L. & Reynolds, M.A. Human pain research: Personality correlates of voluntarism among college women. *Personality and Individual Differences*, 1991; **12**: 497-500.
38. Agarwal, S., Reynolds, M.A., Pou, S., Peterson, D.E., Charon, J.A., & Suzuki, J.B. The effect of sanguinarine on human peripheral blood neutrophil viability and functions. 1991; *Oral Microbiology and Immunology*, **6**: 51-61.
39. Baer, M.L., Elias, S.A., & Reynolds, M.A. The use of psychological measures in predicting patient satisfaction with complete dentures. *International Journal of Prosthodontics*, 1992; **5**: 221-226.
40. Baer, M.L. & Reynolds, M.A. Comparison of anterior tooth width in natural and artificial dentitions. *Journal of Prosthodontics*, 1992; **1**: 84-87.
41. Reynolds, M.A. Lavigne, C.K., Minah, G.E., & Suzuki, J.B. Clinical effects of simultaneous ultrasonic scaling and subgingival irrigation with chlorhexidine. Mediating influence of periodontal probing depth. *Journal of Clinical Periodontology*, 1992; **19**: 595-600.
42. Reynolds, M.A., & Bowers, G.M. Periodontal regeneration following surgical treatment. *Current Opinion in Periodontology*, 1996; **3**: 126-139
43. Reynolds, M.A. & Bowers, G.M. Fate of demineralized freeze-dried bone allografts in human intrabony defects. *Journal of Periodontology*, 1996; **67**: 150-157.
44. Rosen, P.S., Marks, M.H., & Reynolds, M.A. Influence of smoking on long-term clinical results of intrabony defects treated with regenerative therapy. *Journal of Periodontology*, 1996; **67**: 1159-1163.
45. George, K.S., Reynolds, M.A., & Falkler, Jr., WA. Arbitrarily primed polymerase chain reaction (AP-PCR) fingerprinting of *Fusobacterium nucleatum* isolates from health and periodontal disease. *Oral Microbiology and Immunology*. 1997; **12**: 219-226.
46. Rosen, P.S., Reynolds, M.A., & Bowers, G.M. A technique report on the in situ use of Atrisorb as a barrier for combination therapy. *International Journal of Periodontics and Restorative Dentistry*, 1998; **18**: 249-255.

47. Sauk, J.J., Norris, K., Hebert, C., Ordóñez, J. & Reynolds, M. Hsp47 binds to the KDEL receptor and cell surface expression is modulated by cytoplasmic and endosomal pH. *Connective Tissue Research*, 1998; **37**: 105-119.
48. Rosen, P.S. & Reynolds, M.A. Polymer-assisted regenerative therapy: Case reports of 22 consecutively treated periodontal defects with a novel combined surgical approach. *Journal of Periodontology*, 1999; **70**: 554-561.
49. Hebert, C., Norris, K., Coletta, R.D., Reynolds, M., Ordóñez, J. & Sauk, J.J. Cell surface colligin/Hsp47 associates with tetrapanin protein CD9 in epidermal carcinoma cell lines. *Journal of Cellular Biochemistry*, 1999; **73**: 248-258.
50. Coletta, R.D., Almeida, O.P., Ferreira, L.R., Reynolds, M.A., & Sauk, J.J. Increase in expression of Hsp47 and collagen in hereditary gingival fibromatosis is modulated by stress and terminal procollagen N-propeptides. *Connective Tissue Research*, 1999; **40**: 237-249.
51. Coletta, R.D., Almeida, O.P., Reynolds, M.A., & Sauk, J.J. Alteration in expression of MMP-1 and MMP-2 but not TIMP-1 and TIMP-2 in hereditary gingival fibromatosis is mediated by TGF β 1 autocrine stimulation. *Journal of Periodontal Research* 1999; **34**: 457-463.
52. Rosen, P.S., Reynolds, M.A., & Bowers, G.M. The treatment of intrabony defects with bone grafts. *Periodontology 2000*, 2000; **22**: 88-103.
53. Kassolis, J.D., Rosen, P.S. & Reynolds, M.A. Alveolar ridge augmentation utilizing platelet rich plasma in combination with freeze-dried bone allograft. *Journal of Periodontology*, 2000; **71**: 1654-1661.
54. Rosen, P.S. & Reynolds, M.A. Guided bone regeneration for dehiscence and fenestration defects on implants using an absorbable polymer barrier. *Journal of Periodontology*, 2001; **72**: 250-256.
55. Coletta, R.D., Reynolds, M.A., Martelli-Junior, H., Graner, E., Almeida, O.P., Sauk, J.J. Testosterone stimulates proliferation and inhibits interleukin-6 production of normal and hereditary gingival fibromatosis fibroblasts. *Oral Microbiology & Immunology*, 2002; **17**: 186-192.
56. Nikitakis N.G., Hebert C., Lopes M.A., Reynolds M.A., Sauk J.J. PPAR γ -mediated antineoplastic effect of NSAID sulindac on human oral squamous carcinoma cells. *International Journal of Cancer*, 2002; **98**: 817-823
57. Lopes, M.A., Nikitakis, N.G., Reynolds, M.A., Ord, R.A., and Sauk, J.J. Biomarkers Predictive of Lymph Node Metastases in Oral Squamous Cell Carcinoma. *Journal of Oral and Maxillofacial Surgery*, 2002; **60**: 142-147
58. Rosen, P.S. & Reynolds, M.A. A retrospective case series comparing the use of demineralized freeze-dried bone allograft and freeze-dried bone allograft combined with enamel matrix derivative for the treatment of advanced osseous lesions. *Journal of Periodontology*, 2002; **73**: 942-949
59. Nikitakis N.G., Siavash H., Hebert C., Reynolds M.A., Hamburger A.W., Sauk J.J. 15-PGJ₂, but not thiazolidinediones, inhibits cell growth, induces apoptosis, and causes downregulation of Stat3 in human oral SCCa cells. *British Journal of Cancer*, 2002; **87**: 1396-1403

60. Kassolis, J.D., Baer, M.L., & Reynolds, M.A. The segmental osteotomy in the correction of malposed implants: A case report and literature review. *Journal of Periodontology*, 2003; **74**: 529-536.
61. Nikitakis N.G., Rivera H., Lopes M.A., Siavash H., Reynolds M.A., Ord R.A., Sauk J.J. Immunohistochemical expression of angiogenesis-related markers in oral squamous cell carcinomas with multiple metastatic lymph nodes. *American Journal of Clinical Pathology*, 2003; **119**: 574-586.
62. Brooks, J.K., Hooper, K.A., Reynolds, M.A. Formation of mucogingival defects associated with intraoral and perioral piercing: Case reports. *Journal of the American Dental Association*, 2003; **134**: 837-843.
63. Bowers, G.M., Schallhorn, R.G., McClain, P.K., Morrison, G.M., Morgan, R., & Reynolds, M.A. Factors influencing the outcome of regenerative therapy in mandibular class II furcations. *Journal of Periodontology*, 2003; **74**:1255-1268.
64. Reynolds, M.A., Aichelmann-Reidy, M.E., Branch-Mays, G.L., and Gunsolley, J.C. The efficacy of bone grafts in the treatment of periodontal osseous defects. A systematic review. *Annals of Periodontology*, 2003; **8**:227-265.
65. Aichelmann-Reidy, M.E., Heath, C.D., & Reynolds, M.A. Clinical evaluation of calcium sulfate in combination with demineralized freeze-dried bone allograft for the treatment of intrabony defects. *Journal of Periodontology*, 2004; **75**: 340-347.
66. Sarlani, E., Grace, E.G., Reynolds, M.A., & Greenspan, J.D. Sex differences in temporal summation of pain and aftersensations following repetitive noxious mechanical stimulation. *Pain*, 2004; **109**: 115-23
67. Sarlani, E., Grace, E.G., Reynolds, M.A., & Greenspan, J.D. Evidence for up-regulated central nociceptive processing in patients with masticatory myofascial pain. *Journal of Orofacial Pain*, 2004; **18**: 41-55.
68. Reynolds, M.A., Aberdeen, G.W., Pepe, G.J., Sauk, J.J. & Albrecht, E.D. Estrogen suppression induces papillary gingival overgrowth in pregnant baboons. *Journal of Periodontology*, 2004; **75**: 340-347.
69. Moutsopoulos, N.M., Nikitakis, N.G., Powell, D., & Reynolds, M.A. Carcinosarcoma of the maxilla in a squirrel monkey (*Saimiri sciureus*). *Comparative Medicine*, 2004; **54**: 333-336.
70. Kassolis, J.D., & Reynolds, M.A. Evaluation of the adjunctive benefits of platelet rich plasma in subantral sinus augmentation. *Journal of Craniofacial Surgery*, 2005; **16**(2): 280-287.
71. LaPorta, V.N., Nikitakis, N.G., Sindler, A.J., & Reynolds, M.A. Minocycline-Associated Intraoral Soft Tissue Pigmentation: Clinicopathologic Correlations and Review of the Literature. *Journal of Clinical Periodontology*, 2005; **32**: 119-122.
72. Nan, A. Ghandehari, H., Hebert, C., Siavash, H., Nikitakis, N., Reynolds, M., & Sauk, J.J. Water-soluble polymers for targeted drug delivery to human squamous carcinoma of head and neck. *Journal of Drug Targeting*, 2005; **13**: 189-197.
73. Reynolds, M.A. and Aichelmann-Reidy, M.E. The Era of Biologics and Reparative Medicine: A Pivotal Clinical Trial of Platelet-Derived Growth Factor for Periodontal Regeneration. *Journal of Periodontology*, 2005; **76**: 2330-2332.

74. Ord, R.A., Kolokythas, A., and Reynolds, M.A. Surgical Salvage for Local and Regional Recurrence in Oral Cancer. *Journal of Oral and Maxillofacial Surgery*, 2006; 64: 1409-1414.
75. Brooks, J.K. and Reynolds, M.A. Ethnobotanical Tattooing of the Gingiva: Literature Review and Report of Case. *Journal of the American Dental Association*, 2007; 138: 1097-101.
76. Reynolds M.A., Aichelmann-Reidy, M.E., Kassolis, J.D., Prasad, H.S. & Rohrer, M.D. A Calcium Sulfate-Carboxymethylcellulose Bone Graft Binder: Histologic and Morphometric Evaluation in a Critical Size Defect. *Journal of Biomedical Materials Research Part B: Applied Biomaterials*, 2007; 83: 451-458
77. Reynolds, M.A., Prudencio, A., Aichelmann-Reidy, M.E., Woodward, K., and Uhrich, K.E. Non-steroidal Anti-inflammatory Drug (NSAID)-Derived Poly(Anhydride-Esters) in Bone and Periodontal Regeneration. *Current Drug Delivery*, 4: 233-239.
78. Ebersole, J.L., Steffen, M.J., Reynolds, M.A., Branch-Mays, G.L., Dawson, D.R., Novak, K.F., Gunsolley, J.C., Mattison, J.A. Ingram, D.K., and Novak, M.J. Differential Gender Effects of a Reduced Calorie Diet on Systemic Inflammatory and Immune Parameters in Nonhuman Primates. *Journal of Periodontal Research*, 2008; 43: 500-507.
79. Branch-Mays, G.L., Dawson, D.R., Novak, M.J., Gunsolley, J.C., Reynolds, M.A., Ebersole, J.L., Novak, K.F., Mattison, J.A., Ingram, D.K. The Effects of a Calorie Reduced Diet on Periodontal Inflammation and Disease. *Journal of Periodontology*, 2008; 79(7): 1184-1191.
80. Aichelmann-Reidy, M.E. and Reynolds M.A. Predictability of Clinical Outcomes Following Regenerative Therapy in Intrabony Defects. *Journal of Periodontology*, 2008; 79(3):387-393.
81. Reynolds, M.A., Ebersole, J.L., Novak, K.F., Dawson, D.R., Branch-Mays, G.L., Mattison, J.A., Gunsolley, J.C., Ingram, D.K., and Novak, M.J. Effect of Caloric Restriction on Inflammatory Periodontal Disease. *Nutrition*, 2009; 25:88-97.
82. Waasdorp, J. & Reynolds, M.A. Allogeneic Bone Onlay Grafts for Alveolar Ridge Augmentation: A Systematic Review. *International Journal of Oral and Maxillofacial Implants*, 2010; 25:525-531.
83. Waasdorp, J. & Reynolds, M. Non-surgical Treatment of Retrograde Peri-implantitis: A Case Report. *International Journal of Oral and Maxillofacial Implants* 2010; 25:831-833.
84. Nesbitt, M.J., Reynolds, M.A., Shiau, H., Choe, K., Simonsick, E.M., & Ferrucci, L. Association of Periodontal Disease and Metabolic Syndrome in the Baltimore Longitudinal Study of Aging. *Aging Clinical and Experimental Research* 2010; 22(3):238-242.
85. Reynolds, M.A., Aichelmann-Reidy, M.E., & Branch-Mays, G.L. Regeneration of Periodontal Tissues. Bone grafts. *Dental Clinics of North America*, 2010; 54:55-71.
86. Kolappaswamy, K. Shipley, S. Reynolds, M.A., McLeod, C. and DeTolla, L. Recurrent Idiopathic Gingival Enlargement in an Olive Baboon (*Papio anubis*). *Journal of the American Association for Laboratory Animal Science*, 2010; 49:1-3.
87. Shiau, H.J. and Reynolds, M.A. Sex Differences in Destructive Periodontal Disease: A Systematic Review. *Journal of Periodontology*, 2010; 81: 1379-1389.
88. Shiau, H.J. and Reynolds, M.A. Sex Differences in Destructive Periodontal Disease: Exploring the Biological Basis. *Journal of Periodontology*, 2010; 81: 1505-1517.

89. Kassolis, J.D., Scheper, M., Jham, B., and Reynolds, M.A. Histopathologic Findings in Bone from Edentulous Alveolar Ridges: Clinical Implications. *Bone*, 2010; 47(1): 127-130.
90. Rosen, P.S., Meredith, N., and Reynolds, M.A. Case reports describing the “Bump”: A new phenomenon in implant healing. *Journal of Implant & Advanced Clinical Dentistry*, 2010; 2:27-37.
91. Nevins, M.L. and Reynolds, M.A. Tissue engineering with recombinant human platelet-derived growth factor BB for implant site development. *Compendium of Continuing Education in Dentistry*, 2011; 32:2-10.
92. Rosen, P.S., Toscano, N., Holzclaw, D., and Reynolds, M.A. A Retrospective Consecutive Case Series Using Mineralized Allograft Combined with Recombinant Human Platelet-Derived Growth BB to Treat Moderate and Severe Osseous Lesions. *International Journal of Periodontics and Restorative Dentistry*, 2011; 31:335-342.
93. Rosen, P.S. and Reynolds, M.A. Guided Bone Regeneration Using a Rapidly Formed Absorbable Polymer Barrier: A Case Series Report. *Journal of Implant & Advanced Clinical Dentistry*, 2011; 3:59-70.
94. Han, J.Y. and Reynolds, M.A. Effect of anti-rheumatic agents on periodontal parameters and biomarkers of inflammation: a systematic review and meta-analysis. *Journal of Periodontal and Implant Science*. 2012; 42:3-12.
95. Reynolds, M.A. Gingival Recession is Likely Associated with Tongue Piercings. *Journal of Evidence-Based Dental Practice*, 2012, 11:160-161.
96. Gomes, M.S., Hugo, F.N., Hilgert, J.B., Padilha, D.M., Simonsick, E.M., Ferrucci, L., & Reynolds, M.A. Validity of self-reported history of endodontic treatment in the Baltimore Longitudinal Study of Aging. *Journal of Endodontics*. 2012; 38:589-593
97. Reynolds, M.A., and Aichelmann-Reidy, M.E. Protein and peptide-based therapeutics in periodontal regeneration. *Journal of Evidence-Based Dental Practice*, 2012; 12 (Supplement 1):118-126.
98. Otomo-Corgel, J., Pucher, J.J., Rethman, M.P., and Reynolds, M.A. State of the science: Periodontal disease and systemic health. *Journal of Evidence Based Dental Practice*, 2012; 12 (Supplement 1):20-28.
99. Costello, L.C., Franklin, R.B., Reynolds, M.A., and Chellaiah, M. The important role of osteoblasts and citrate production in bone formation: “Osteoblast Citration” as a new concept for an old relationship. *The Open Bone Journal*, 2012; 4: 27-34.
100. Rosen, P.S., Froum, S.J., and Reynolds, M.A. Is the use of biologic additions necessary to optimize periodontal regenerative efforts? *Clinical Advances in Periodontics*, 2013; 3: 180-186.
101. Sindler, A., Behmanesh, S., & Reynolds, M.A. Evaluation of Allogenic Cellular Bone Graft for Ridge Augmentation: A case report. *Clinical Advances in Periodontics*, 2013; 3: 159-165.
102. Reynolds, M.A. Gingival Recession is Likely Associated with Tongue Piercings. *Journal of Evidence-Based Dental Practice*, 2013, 12 (3 Suppl):145-146.
103. Gomes, M.S., Blattner, T.C., Filho, M.S., Grecca, F.S., Hugo, F.N., Fouad, A.F., and Reynolds, M.A. Can apical periodontitis modify systemic levels of inflammatory markers? A systematic review and meta-analysis. *Journal of Endodontics*, 2013; 39:1205-1217.

104. Patzelt, S.B.M., Bahat, O., Reynolds, M.A., and Strub, J.R. The All-on-Four treatment concept: A systematic review. *Clinical Implant Dentistry and Related Research*. 2014; 16:836-855.
105. Warren, K.R., Postolache, T.T., Groer, M.E., Pinjari, O., Kelly, D.L., and Reynolds, M.A. Role of chronic stress and depression in periodontal diseases. *Periodontology 2000*, 2014; 64:127-138.
106. Shiau, H. J., Aichelmann-Reidy, M.E., and Reynolds, M.A. Influence of sex steroids on inflammation and bone metabolism. *Periodontology 2000*, 64:81-94.
107. Reynolds, M.A. Modifiable risk factors in periodontitis: At the intersection of aging and disease. *Periodontology 2000*, 2014; 64:7-19.
108. Nevins, M.L., Reynolds, M.A., Camelo, M., Schubach, P., Kim, D.M., and Nevins, M. Recombinant Human Platelet-Derived Growth-Factor-BB for Reconstruction of Human Large Extraction Site Defects. *International Journal of Periodontics and Restorative Dentistry*, 2014; 34(2):157-163.
109. Lei, L., Zhan, L., Tan, W., Chen, S., Li, Y., Reynolds, M. Foxp3 gene expression in oral lichen planus— a clinicopathologic study. *Molecular Medicine Reports*, 2014; 9:928-934.
110. Brooks, J.K., Kleinman, J.W., Younis, R.H., and Reynolds, M.A. Alendronate-associated osteonecrosis of the hard palate following harvesting of a connective tissue graft: Case report. *Clinical Advances in Periodontics*, 2014; 5:171-175.
111. Franklin, R.B., Chellaiah, M., Zou, J., Reynolds, M.A., Costello, L.C. Evidence that osteoblasts are specialized citrate-producing cells that provide the citrate for incorporation into the structure of bone. *The Open Bone Journal*, 2014; 6:1-7
112. Costello, L.C., Chellaiah, M., Zou, J., and Franklin, R.B., and Reynolds, M.A. The status of citrate in the hydroxyapatite/collagen complex of bone; and its role in bone formation, *Journal of Regenerative Medicine & Tissue Engineering*, 2014; 3:4 (1-8)
113. Reynolds, M.A., Kao, R.T., Nares, S., Camargo, P.M., Caton, J.G., Clem, D.S., Fiorellini, J.P., Geisinger, M.L., Mills, M.P., Nevins, M.L., Rosen, P.S. Periodontal regeneration – intrabony defects: Practical applications from the AAP Regeneration Workshop. *Clinical Advances in Periodontics*, 2015; 5:21-29.
114. Kao, R.T., Nares, S., Reynolds, M.A. Periodontal regeneration of intrabony defects: A systematic review. *Journal of Periodontology* 2015; 86(2 Suppl):S77-104.
115. Reynolds, M.A., Kao, R.T., Camargo, P.M., Caton, J.G., Clem, D.S., Fiorellini, J.P., Geisinger, M.L., Mills, M.P., Nares, S., and Nevins, M.L. Periodontal regeneration – intrabony defects: A consensus report from the AAP regeneration workshop. *Journal of Periodontology*. 2015; 5:21-29.
116. Chu, S.J., Salama, M.A., Garber, D.A., Salama, H., Sarnachiaro, G.O., Sarnachiaro, E., Gotta, S.L., Reynolds, M.A., Saito, H., Tarnow, D.P. Flapless postextraction socket implant placement, part 2: The effects of bone grafting and provisional restoration on peri-implant soft tissue height and thickness- A retrospective study. *International Journal of Periodontics and Restorative Dentistry*, 2015; 35:803-809.
117. Costello, L.C., Chellaiah, M., Zou, J., Reynolds, M.A., and Franklin, R.B. In vitro BMP-2 stimulation of osteoblast citrate production in concert with mineralized bone nodule formation, *Journal of Regenerative Medicine & Tissue Engineering*, 2015; 4:2 (1-6)

118. Saito, H., Chu, S.J., Reynolds, M.A., and Tarnow, D.P. Provisional restorations used in immediate implant placement provide a platform to promote peri-implant soft tissue healing: A pilot study. *International Journal of Periodontics and Restorative Dentistry*, 2016; 36:47-52.
119. Gomes, M.S., Hugo, F.N., Hilgert, J.B., Sant'Ana Filho, M., Padilha, D.M.P., Simonsick, E.M., Ferrucci, L., & Reynolds, M.A. Apical periodontitis and incident cardiovascular events in the Baltimore Longitudinal Study of Aging. *International Endodontics Journal*, 2016; 49:334-342.
120. Zhang, L., Weir, M.D., Chow, L.C., Reynolds, M.A., Xu, H.H. Rechargeable calcium phosphate orthodontic cement with sustained ion release and re-release. *Scientific Reports* 2016 Nov 3;6:36476. doi: 10.1038/srep36476.
121. Saito, H., Hsia, R.C., Tarnow, D.P., and Reynolds, M.A. Cell adhesion to acrylic custom provisional abutment placed on an immediate implant: A case report. *Compendium of Continuing Education in Dentistry*, 2017; 38:114-119
122. Brooks, J.K., Kleinman, J.W., Brooks, J.B., and Reynolds, M.A. Electronic cigarette explosion associated with extensive intraoral injuries. *Dental Traumatology*, 2017; 33(2):149-152.
123. Chambrone, L., Ramos, U. D., and Reynolds, M.A. Infrared lasers for the treatment of moderate to severe periodontitis: An American Academy of Periodontology best evidence review. *Journal of Periodontology*, 2018 Apr 22. doi: 10.1902/jop.2017.160504.
124. Brooks, J.K., Bashirelahi, N., and Reynolds, M.A. Charcoal and charcoal-based dentifrices: A literature review. *Journal of the American Dental Association*, 2017; 148 (9):661-670.
125. Brooks, J.K., Bashirelahi, N., and Reynolds, M.A. More on charcoal and charcoal-based dentifrices. *Journal of the American Dental Association*. 2017; 148(11);785.
126. Liu X., Chen, W., Zhang, C., Thein-Han, W., Hu, K., Reynolds, M.A., Bao, C., Wang, P., Zhao, L., and Xu, H.H.K. Co-seeding human endothelial cells with human-induced pluripotent stem cell-derived mesenchymal stem cells on calcium phosphate scaffold enhances osteogenesis and vascularization in rats. *Tissue Engineering Part A* 2017; 23:546-555.
127. Song, Y., Zhang, C., Wang, P., Wang, L., Bao, C., Weir, M.D., Reynolds, M.A., Ren, K., Zhao, L., and Xu, H.H.K. Engineering bone regeneration with novel cell-laden hydrogel microfiber-injectable calcium phosphate scaffold. *Materials Science and Engineering: C* 2017; 75:895-905.
128. Zhang, C., Hu, K., Liu, X., Reynolds, M.A., Bao, C., Wang, P., Zhao, L., and Xu, H.H.K. Novel hiPSC-based tri-culture for pre-vascularization of calcium phosphate scaffold to enhance bone and vessel formation. *Materials Science and Engineering: C* 2017; 79:296-304.
129. Liang, K., Zhou, H., Weir, M.D., Bao, C., Reynolds, M.A., Zhou, X., Li, J., and Xu, H.H.K. Poly(amido amine) and calcium phosphate nanocomposite remineralization of dentin in acidic solution without calcium phosphate ions. *Dental Materials* 2017;33(7):818-829.

130. Cheng, L., Zhang, K., Zhang, N., Melo, M.A.S., Weir, M.D., Zhou, X.D., Bai, Y.X., Reynolds, M.A., and Xu, H.H.K. Developing a new generation of antimicrobial and bioactive dental resins. *Journal of Dental Research* 2017;1–9.
131. Wang, L., Li, C.Y., Weir, M.D., Zhang, K., Zhou, Y.M., Xu, H.H.K., and Reynolds, M.A. Novel multifunctional dental bonding agent for class-V restorations to inhibit periodontal biofilms. *RSC Adv* 2017, 7, 29004–29014.
132. Liang, K., Weir, M.D., Reynolds, M.A., Zhou, X., Li, J., and Xu, H.H.K. Poly (amido amine) and nano-calcium phosphate bonding agent to remineralize tooth dentin in cyclic artificial saliva/lactic acid. *Materials Science and Engineering: C* 2017;72:7-17.
133. Wang, L., Melo, M.A.S., Weir, M.D., Xie, X., Reynolds, M.A., and Xu, H.H.K. Novel bioactive nanocomposite for Class-V restorations to inhibit periodontitis-related pathogens. *Dent Mater* 2016; 32:e351–e361.
134. Zhou, H., Liu, H., Weir, M.D., Reynolds, M.A., Zhang, K., and Xu, H.H.K. Three-dimensional biofilm properties on dental bonding agent with varying quaternary ammonium charge densities. *Journal of Dentistry* 2016; 53:73–81.
135. Wang, L., Wang, P., Weir, M.D., Reynolds, M.A., Zhao, L., and Xu, H.H.K. Hydrogel fibers encapsulating human stem cells in an injectable calcium phosphate scaffold for bone tissue engineering. *Biomedical Materials* 2016 Nov 4; 11(6):065008.
136. Zhang, N., Melo, M.A.S., Weir, M.D., Reynolds, M.A., Bai, Y., and Xu, H.H.K. Do dental resin composites accumulate more oral biofilms and plaque than amalgam and glass ionomer materials? *Materials* 2016; 9, 888; doi:10.3390/ma9110888.
137. Liang, K., Weir, M.D., Xie, X., Wang, L., Reynolds, M.A., Li, J., and Xu, H.H.K. Dentin remineralization in acid challenge environment via PAMAM and calcium phosphate composite. *Dental Materials* 2016; 32:1429–1440.
138. Wang, L., Zhang, C., Li, C., Weir, M.D., Wang, P., Reynolds, M.A., Zhao, L., and Xu, H.H.K. Injectable calcium phosphate with hydrogel fibers encapsulating induced pluripotent, dental pulp and bone marrow stem cells for bone repair. *Materials Science and Engineering C* 2016; 69:1125–1136. NIHMSID #: 878994.
139. Wang, L., Xie, X., Imazato, S., Weir, M.D., Reynolds, M.A., and Xu, H.H.K. A protein-repellent and antibacterial nanocomposite for Class-V restorations to inhibit periodontitis-related pathogens. *Materials Science and Engineering: C* 2016; 67:702-710.
140. Xia, Y., Chen, H., Zhang, F., Bao, C., Weir, M.D., Reynolds, M.A., Ma, J., Gu, N., and Xu, H.H.K. Gold nanoparticles in injectable calcium phosphate cement enhance osteogenic differentiation of human dental pulp stem cells. *Nanomedicine: Nanotechnology, Biology, and Medicine*. 2018;14(1):35-45.
141. Xia, Y., Chen, H., Zhang, F., Wang, L., Chen, B., Reynolds, M.A., Ma, J., Schneider, A., Gu, N., Xu, H.H.K. Injectable calcium phosphate scaffold with iron oxide nanoparticles to enhance osteogenesis via dental pulp stem cells. 2018, *Artificial cells, Nanomedicine, and Biotechnology*, 1-11. doi: 10.1080/21691401.2018.1428813.
142. Xu, H.H., Wang, P., Wang, L., Bao, C.Y., Chen, Q., Wei, M.D., Chow, L.C., Zhao, L., Zhou, X., and Reynolds, M.A. Calcium phosphate cements for bone engineering and their biological properties. *Bone Research* 2017;20(5):17056;doi:10.1038.

143. Saito, H., Shiau, H.J., Prasad, H., and Reynolds, M.A. (2017, accepted) Evaluation of a PGLA-coated β -TCP Bone Substitute for Alveolar Ridge Preservation: Case Series. *Clinical Advances in Periodontics*.
144. Jepsen, S., Caton, J.G., Albandar, J.M., Bissada, N.F., Bouchard, P., Cortellini, P., Demirel, K., de Sanctis, M., Ercoli, C., Fan, J., Geurs, N.C., Hughes, F.J., Jin, L., Kantarci, A., Lalla, E., Madianos, P.N., Matthews, D., McGuire, M.K., Mills, M.P., Preshaw, P.M., Reynolds, M.A., Sculean, A., Susin, C., West, N.X., Yamazaki, K. Periodontal manifestations of systemic diseases and developmental and acquired conditions: Consensus report of workgroup 3 of the 2017 World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions. *Journal of Periodontology*, 2018 Jun;89 Suppl 1:S237-S248. doi: 10.1002/JPER.17-0733.
145. Jepsen, S., Caton, J.G., Albandar, J.M., Bissada, N.F., Bouchard, P., Cortellini, P., Demirel, K., de Sanctis, M., Ercoli, C., Fan, J., Geurs, N.C., Hughes, F.J., Jin, L., Kantarci, A., Lalla, E., Madianos, P.N., Matthews, D., McGuire, M.K., Mills, M.P., Preshaw, P.M., Reynolds, M.A., Sculean, A., Susin, C., West, N.X., Yamazaki, K. Periodontal manifestations of systemic diseases and developmental and acquired conditions: Consensus report of workgroup 3 of the 2017 World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions. *Journal of Clinical Periodontology*, 2018 Jun;45 Suppl 20:S219-S229. doi: 10.1111/jcpe.12951.
146. Chu, S.J., Saito, H., Salama, M.A., Garber, D.A., Salama, H., Sarnachiaro, G.O., Reynolds, M.A., and Tarnow, D.P. Flapless postextraction socket implant placement, part 3: The effects of bone grafting and provisional restoration on soft tissue color change- A retrospective pilot study. *International Journal of Periodontics and Restorative Dentistry*, 2018; 38:509-516.
147. Zhang, N., Zhang, K., Xie, X., Dai, Z., Zhao, Z., Imazato, S., Al-Dulaijan, Y.A., Al-Qarni, F.D., Weir, M.D., Reynolds, M.A., Bai, Y., Wang, L., Xu, H.H.K. Nanostructured Polymeric Materials with Protein-Repellent and Anti-Caries Properties for Dental Applications. *Nanomaterials*, 2018, 8(6). doi: 10.3390/nano8060393
148. Zhang, N., Zhang, K., Weir, M. D., Xu, D. J., Reynolds, M. A., Bai, Y., & Xu, H. H. K. Effects of water-aging for 6 months on the durability of a novel antimicrobial and protein-repellent dental bonding agent. *International Journal of Oral Sciences*, 2018, 10(2), 18. doi: 10.1038/s41368-018-0019-9
149. Hu, S., Zhou, Y., Zhao, Y., Xu, Y., Zhang, F., Gu, N., Ma, J., Reynolds, M.A., Xia, Y., Xu, H.H.K. Enhanced bone regeneration and visual monitoring via superparamagnetic iron oxide nanoparticle scaffold in rats. *Journal of Tissue Engineering and Regenerative Medicine* . 2018, 12, e2085-e2098.
150. Lubon, A.J., Erchick, D.J., Khatry, S.K., LeClerq, S.C., Agrawal, N.K., Reynolds, M.A., Katz, J., Mullany, L.C. Oral health knowledge, behavior, and care seeking among pregnant and recently-delivered women in rural Nepal: a qualitative study. *BMC Oral Health*. 2018 Jun 1;18(1):97. doi: 10.1186/s12903-018-0564-9.
151. Liang K, Xiao S, Wu J, Li J, Weir MD, Cheng L, Reynolds MA, Zhou X, Xu HHK. Long-term dentin remineralization by poly(amido amine) and rechargeable calcium phosphate nanocomposite after fluid challenges. *Dental Materials*. 2018 Apr;34(4):607-618. doi: 10.1016/j.dental.2018.01.001. Epub 2018 Feb 3.

152. Mills, M.P., Rosen, P.S., Chambrone, L., Greenwell, H., Kao, R.T., Klokkevold, P.R., McAllister, B.S., Reynolds, M.A., Romanos, G.E., Wang, H.L. American Academy of Periodontology best evidence consensus statement on the efficacy of laser therapy used alone or as an adjunct to non-surgical and surgical treatment of periodontitis and peri-implant diseases. *Journal of Periodontology*, 2018 Apr 25. doi: 10.1002/JPER.17-0356.
153. Stappert, D., Geiman, R., Heidari, Z., and Reynolds, M.A. Gingival clefts revisited: Evaluation of the characteristics that make one more susceptible to gingival clefts. *American Journal of Orthodontics and Dentofacial Orthopedics*. In Press.
154. Saito, H., Chu, S.J., Zamzok, J., Brown, M., Smith, R., Sarnachiaro, G., Hochman, M., Fletcher, P., Reynolds, M.A., and Tarnow, D.P. Flapless postextraction socket implant placement: The effects of a platform switch–designed implant on peri-implant soft tissue thickness—a prospective study. In Press, *International Journal of Periodontics and Restorative Dentistry*

B. Special Journal Issues

1. **Annual Report Series: Periodontal and Implant Treatment**, Editor, *Journal of Evidence Based Dental Practice*, June 2013.
2. **Modifiable Risk Factors in Periodontitis**, Editor, *Periodontology 2000, Volume 64, Issue 1*, 2014.
3. **Annual Report Series: Dental Hygiene**, Editor, *Journal of Evidence Based Dental Practice*, June 2014.

C. Book Chapters

1. Siegman, A.W., & Reynolds, M.A. Interviewer-interviewee nonverbal communications: An interactional approach. (1982) In M. Davis (Ed.), *Interaction Rhythms: Periodicity in Communicative Behavior*. New York: Human Sciences Press.
2. London, R.S., Sundaram, G.S., Manimekalai, S., Murphy, L., Reynolds, M.A., & Goldstein, P. Serum levels of alpha tocopherol in relation to serum lipids and lipoproteins after oral administration of vitamin E. (1984) In K.N. Prasad (Ed), *Vitamins, Nutrition, and Cancer*, Basal: S. Karger A. G., 159-165.
3. Reynolds, M.A., Murphy, L., & London, R.S. Toward the validation of breast contact thermography as a diagnostic measure. (1984) In M. Gautherie, E. Albert, & L. Keith (Eds), *Thermal Assessment of Breast Health*, Lanchester: M.T.P. Press, Ltd., 66-73.
4. Ingram, D.K., & Reynolds, M.A. The relationship of body weight to longevity within laboratory rodent species. (1987) In A.D. Woodhead & K.H. Thompson (Eds) *Evolution of Longevity in Animals*. New York: Plenum Press.
5. London, R.S., Murphy, L., Kitlowski, K.E., Albites, V., & Reynolds, M.A. Tocopherol therapy and the premenstrual syndrome. (1987) *Clinical and Nutritional Aspects of Vitamin E*. O. Hayaishi and M. Mino (Eds) Amsterdam: Elsevier Science Publishers.
6. Sauk, J.J., Reynolds, M.A., Coletta, R.D. Pathogenesis and progression of oral cancer. (2000) In R.A. Ord and R.H. Blanchaert (Eds.) *Oral Cancer: The Dentist's Role in*

Diagnosis, Management, Rehabilitation, and Prevention. Carol Stream: Quintessence Publishing Co., Inc., 9-20.

7. Armellini, D., Reynolds, M.A., Harro, J.M., Molly, L. Biofilm Formation on Natural Teeth and Dental Implants: What is the Difference? p 109-122. (2009) In M. Shirtliff and J. G. Leid (Eds.) *The Role of Biofilms in Device-Related Infections.* Verlag: Springer.
8. Takei, H.H., Nevins, M.L., Cochran, D.L., Carranza, F.A., and Reynolds, M.A. *Reconstructive Periodontal Surgery.* (2011) In Carranza's *Clinical Periodontology*, 11th ed. M.G. Newman, H.H. Takei, P.R. Klokkevoold, and F.A. Carranza (Eds). Elsevier: Chicago.

C. Abstracts

1. Goodrick, C.L., Ingram, D.K., Freeman, J., Reynolds, M.A., & Cider, N. Differential effects of periodic fasting and voluntary exercise on lifespan in mature rats. *The Gerontologist*, 1981; **21** (Spec Iss), 302.
2. Ingram, D.K., London, E.D., Reynolds, M.A., Waller, S.B., & Goodrick, C.L. Differential effects of age on motor performance in two inbred mouse strains. *Age*, 1981; **4**: 138.
3. Sundaram, G.S., Manimekalai, S., London, R.S., Reynolds, M.A., & London, E.D. Age effects on cholesterol and related enzymes in plasma and on plasma lipoprotein cholesterol in rats. 1981; *Age*, 4: 150.
4. Waller, S.B., Ingram, D.K., Reynolds, M.A., & London, E.D. Changes in neurotransmitter synthetic enzymes as a function of genotype and age. *Society for Neuroscience Abstracts*, 1981; **7**:168.
5. Waller, S.B., Ingram, D.K., Reynolds, M.A., & London, E.D. Changes in neurotransmitter synthetic enzymes as a function of genotype and age in mice. *Age*, 1981; **4**: 143.
6. Goodrick, C.L., Ingram, D.K., Reynolds, M.A., Freeman, J., & Cider, N. Differential effects of intermittent feeding on lifespan in inbred mice. *The Gerontologist*, 1982; **22**: 95.
7. Goodrick, C.L., Ingram, D.K., Reynolds, M.A., Freeman, J., & Cider, N.L. Effects of dietary restriction upon growth, activity, and survival in rats allowed exercise. *Age*, 1982; **5**: 142.
8. Reynolds, M.A. Vocal correlates of unfeigned deceit. *Masters Abstracts*, 1983; **21**: 102.
9. Bernstein, D.E., Olton, D.S., Ingram, D.K., Waller, S.B., Reynolds, M.A., & London, E.D. Performance of young and aged mice in an eight arm radial maze and neurochemical correlates. *Society for Neuroscience Abstracts*, 1983; **9**: 96.
10. Lowy, A.M., Olton, D.S., Ingram, D.K., Waller, S.B., Reynolds, M.A., & London, E.D. Age and neurochemical correlates of behavioral rigidity in rats. *Society for Neuroscience Abstracts*, 1983; **9**: 98.
11. Goodrick, C.L., Ingram, D.K., Reynolds, M.A., Freeman, J.R., & Cider, N.L. Differential effects of dietary restriction on growth and lifespan in genetically obese mice. *Age*, 1983; **6**: 145.
12. Bernstein, D., Olton, D.S., Ingram, D.K., Waller, S.A., Reynolds, M.A., & London, E.D. Radial maze performance in young and aged mice: A behavioral and neurochemical analysis. *Age*, 1983; **6**: 134.
13. Lowy, A., Olton, D., Ingram, D., Waller, S., Reynolds, M., & London, E. Performance of young and aged rats in a T-maze: Behavioral-neurochemical correlates. *Age*, 1983; **6**: 134.

14. Spangler, E.L., & Reynolds, M.A. Human pain research: Personality correlates of volunteerism among female college students. *Journal of Dental Research*, 1983; **63** (Spec Iss): 297.
15. Ingram, D.K., Reynolds, M.A., & Freeman, J.R. Correlation of psychomotor performance with lifespan in aged mice: A longitudinal analysis. *The Gerontologist*, 1984; **24** (Spec Iss): 109-110.
16. Reynolds, M.A., Ingram, D.K., & Talan, M.I. Relationship of body temperature stability to mortality in aging mice. *The Gerontologist*, 1984; **24** (Spec Iss): 256.
17. Reynolds, M.A., & Ingram, D.K. Clarifying the relationship of body weight to lifespan within rodent species. *XIIIth International Congress of Gerontology: Book of Abstracts*, 1985; **13**: 354.
18. Reynolds, M.A., & Heft, M.W. Accuracy of self-assessments of periodontal health among individuals of different ages. *Journal of Dental Research*, 1985; **64** (Spec Iss), 345.
19. Elias, S.A., Reynolds, M.A., DePaola, L.G., & Minah, G.E. Age-related changes in the oral microflora of edentulous persons. *The Gerontologist*, 1985; **25** (Spec Iss): 81.
20. Reynolds, M.A., Suzuki, J.B., & Wooten, R.K. Age-related expression of localized and generalized juvenile periodontitis. *Age*, 1985; **8**: 87.
21. Elias, S.A., Reynolds, M.A., DePaola, L.G., Minah, G.E., & Williams, G.C. Age-related differences in the oral microflora of denture patients. *Journal of Dental Research*, 1986; **65** (Spec Iss): 329.
22. Elias, S.A., Reynolds, M.A., DePaola, L.G., & Minah, G.E. The effect of chemical disinfectants on microbial denture plaque. *Journal of Dental Research*, 1986; **65** (Spec Iss): 203.
23. Reynolds, M.A., Spangler, E.L., & Phillips, B.L. Personal control and the perception of painful events as stressful. *Journal of Dental Research*, 1986; **65** (Spec Iss): 320.
24. Reynolds, M., Suzuki, J., Wooten, R., Goodman, S., Astemborski, J., & Boughman, J. Temporal expression of localized and generalized juvenile periodontitis. *Journal of Dental Research*, 1986; **65** (Spec Iss): 272.
25. Reynolds, M.A., Snyder, F.R., DePaola, L.G., & Williams, G.C. Humoral immune responses to HSV-1 antigens in oral cancer patients. *Journal of Dental Research*, 1986; **65** (Spec Iss): 221.
26. Reynolds, M.A., Wooten, R., Goodman, S., & Suzuki, J.B. Clinical correlates of periodontal breakdown in early-onset and adult periodontitis. *Journal of Dental Research*, 1986; **65** (Spec Iss): 788.
27. Reynolds, M.A., Minah, G.E., Peterson, D.E., Stansbury, D.M., Williams, Overholser, C.D., DePaola, L.G., & Suzuki, J.B. Oral microflora and survival experience of chemotherapy patients. *Journal of Dental Research*, 1987; **66** (Spec Iss): 158.
28. Peterson, D.E., Minah, G.E., Reynolds, M.A., Overholser, C.D., Stansbury, D.M., Suzuki, J.B., & DePaola, L.G. Effect of Granulocytopenia on oral microbial relationships in acute leukemia patients. *American Federation for Clinical Research*, 1987; **35**: 486.
29. Baer, M., & Reynolds, M. Age-related differences in expectations of complete denture patients. *The Gerontologist*, 1987; **27** (Spec Iss):

30. Reynolds, M., Minah, G., Peterson, D., Stansbury, D., Williams, L., Overholser, C., DePaola, L., & Suzuki, J. Periodontal disease and microbial successions during cancer chemotherapy. *Journal of Dental Research*, 1988; **67** (Spec Iss): 372.
31. Bradley, L., Reynolds, M.A., & London, R.S. Efficacy of a multivitamin-mineral supplement in the treatment of the premenstrual-syndrome. *Journal of the American College of Nutrition*, 1988; **7**: 416.
32. Reynolds, M.A., Krupa, C.M., Minah, G.E., Myrick, P.O., Rose, W., & Suzuki, J.B. Simultaneous ultrasonic scaling and subgingival irrigation in the treatment of periodontitis. *Journal of Dental Research*, 1989; **68** (Spec Iss): 411.
33. Myrick, P., Agarwal, S., Boughman, J., Astemborski, J., Goodman, S., Reynolds, M., & Suzuki, J. Neutrophil chemotaxis and serum antibody distribution in juvenile periodontitis. *Journal of Dental Research*, 1989; **68** (Spec Iss): 931.
34. Reynolds, M.A., Krupa, C.M., Minah, G.E., Myrick, P.O., Rose, W., & Suzuki, J.B. Nonsurgical treatment of periodontitis by ultrasonic scaling and subgingival irrigation. *Journal of Dental Research*, 1989; **68** (Spec Iss): 883.
35. Weikel, D.S., Peterson, D.E., Overholser, C.D., Dumsha, T.C., & Reynolds, M.A. Periapical pathology and acute dental infection in cancer patients. *Journal of Dental Research*, 1990; **69** (Spec Iss): 150.
36. Clemons, G.P., Reynolds, M.A., Astemborski, J.A., Agarwal, S., Boughman, J.A., & Suzuki, J.B. Early-onset periodontitis: Clinical comparisons. *Journal of Dental Research*, 1990; **69** (Spec Iss): 362.
37. Peterson, D.E., Minah, G.E., Reynolds, M.A., Weikel, D.S., Overholser, C.D., DePaola, L.G., & Suzuki, J.B. Periodontal microbial relationships in leukemia patients. *Journal of Dental Research*, 1990; **69** (Spec Iss): 377.
38. Agarwal, S., Reynolds, M.A., & Suzuki, J.B. Effect of monokines on neutrophil activation: Implications in juvenile periodontitis. *Journal of Dental Research*, 1990; **69** (Spec Iss): 220.
39. Reynolds, M.A., Clemons, G.P., Agarwal, S., Boughman, J.A., Astemborski, J.A., Faulker, W.A., Jr., & Suzuki, J.B. Serum antibodies and attachment loss in early-onset periodontal diseases. *Journal of Dental Research*, 1990; **69** (Spec Iss): 243.
40. Reynolds, M.A., Minah, G.E., Cain, J.L., Rule, J., & Colangelo, G.A. Association of staphylococci, enteric rods, and yeasts with periodontopathic microorganisms. *Journal of Dental Research*, 1993; **72** (Spec Iss): 412.
41. Reynolds, M.A., Peterson, D.E., Minah, G.E., Weikel, D.S., DePaola, L.G., Overholser, C.D., & Suzuki, J.B. Colonization by selected microorganisms predicts parenteral antibiotic administration during immunosuppressive chemotherapy. *Journal of Dental Research* 1993; **72** (Spec Iss): 241.
42. Reynolds, M.A., Norris, K., Sauk, J.J. HSP47 levels in fibroblasts derived from chronically inflamed gingiva. *Journal of Dental Research* 1994; **73** (Spec Iss): 353.
43. Reynolds, M.A. & Bowers, G.M. Influence of inflammation on formation of new attachment apparatus and component tissues in regenerative therapy. *Journal of Dental Research* 1995; **74** (Spec Iss): 96.
44. George, K.S., Reynolds, M.A., & Falkler, Jr., W.A. Genomic fingerprinting of *Fusobacterium nucleatum* from health and periodontal disease. *Journal of Dental Research* 1995; **74** (Spec Iss): 466.

45. George, K.S., Reynolds, M.A., & Falkler, W.A. Comparison of human and animal *Fusobacterium nucleatum* strains using arbitrarily primed PCR (AP-PCR). *Abstracts of the General Meeting of the American Society for Microbiology*, 1995.
46. Guthmiller, J.M., Del Guercio, C.A., Turng, B., Hatfield, H.M., & Reynolds, M.A. Clinical correlates of *Actinobacillus actinomycetemcomitans* and *Peptostreptococcus micros* infections in early-onset periodontitis. *Journal of Dental Research* 1996; **75** (Spec Iss): 134.
47. Raulin, L.A., Myers, R.A., Reynolds, M.A., Guthmiller, J.M., & Falkler, Jr., W.A. Development of a human monoclonal antibody reactive with *Actinobacillus actinomycetemcomitans*. *Journal of Dental Research* 1996; **75** (Spec Iss): 318.
48. Reynolds, M.A., Hebert, C., & Sauk, J.J. Nuclear proteins bind the highly conserved 3'-untranslated region of HSP47 gene. *Journal of Dental Research* 1996; **75** (Spec Iss): 221.
49. Raulin, L.A., Myers, R.A., Guthmiller, J.M., Reynolds, M.A., & Falkler, Jr., W.A. Heat-modifiable outer membrane protein demonstrated with a human monoclonal antibody reactive with *Actinobacillus actinomycetemcomitans*. *Abstracts of the General Meeting of the American Society for Microbiology*: 1996.
50. Guthmiller, J.M., Turng, B., Marsh, M.J., Minah, G.E., Falkler, Jr., W.A., & Reynolds, M.A. Clinical correlates of *Peptostreptococcus micros* recovery in rapidly progressive periodontitis. *Journal of Dental Research*. 1997; **76** (Spec Iss): 112.
51. Raulin, L.A., Myers, R.A., Guthmiller, J.M., Reynolds, M.A., & Falkler, Jr., W.A. Detection of shared epitopes with a human monoclonal antibody reactive with *A.a*. *Journal of Dental Research*. 1997; **76** (Spec Iss): 348
52. Sauk, J.J., Norris, K., Hebert, C.A., Ordonez, J.V., & Reynolds, M.A. Heat shock protein targets on oral squamous carcinoma. *Journal of Dental Research*. 1997; **76** (Spec Iss): 241.
53. Reynolds, M.A., Falkler, Jr., W.A., Norris, K., Hebert, C., Baqui, A., Meiller, T., & Sauk, J.J. IL-6 synthesis in fibroblasts derived from clinically healthy and inflamed gingiva. *Journal of Dental Research*. 1997; **76** (Spec Iss): 110.
54. Stockmann, K.E., Hawley, C.E., Gunsolley, J.C., Guthmiller, J.M., & Reynolds, M.A. Cigarette smoking and recovery of selected subgingival bacteria. *Journal of Dental Research*. 1998; **77** (Spec Iss): 622.
55. Reynolds, M.A., Hebert, C., Norris, K., & Sauk, J.J. Multidrug resistance 1 gene (MDR1) expression in gingival fibroblasts. *Journal of Dental Research*. 1998; **77** (Spec Iss A): 625.
56. Bowers, G.M., Schallhorn, R.G., McClain, P.K., Morrison, G.M., Morgan, R., Salama, A., & Reynolds, M.A. Root configuration and defect morphology predict regenerative outcome of mandibular class II furcations. *Journal of Dental Research*. 1998; **77** (Spec Iss B): 796.
57. Reynolds, M.A., Hebert, C., Norris, K., Murrain, V.A. & Sauk, J.J. Expression of Multidrug resistance 1 gene (MDR1) in oral keratinocytes. *Journal of Dental Research*. 1999; **78** (Spec Iss): 536.
58. Softic, D., Croft, L., Braendle, L., Reynolds, M.A., Sauk, J.J., & Wolfinbarger, Jr., L. Polyglycolic/polylactic acid copolymers as carriers for DFDBA. *Journal of Dental Research*. 2000; **79** (Spec Iss): 155.

59. Lopes, M.A., Nikitakis, N.G., Reynolds, M.A., Ord, R.A., & Sauk, J.J. Cellular differentiation and immunohistochemical characterization of oral squamous cell carcinoma. *Journal of Dental Research*. 2000; **79** (Spec Iss): 410.
60. Reynolds, M.A., Aberdeen, G.W., Albrecht, E.D., Pepe, G.J. & Sauk, J.J. Estrogen suppression induces gingival overgrowth in pregnant baboons. *Journal of Dental Research*. 2000; **79** (Spec Iss): 626.
61. Kassolis, J.D. & Reynolds, M.A. Alveolar ridge augmentation utilizing platelet rich plasma and FDBA. *Journal of Dental Research*. 2000; **79** (Spec Iss): 229.
62. Coletta, R.D., Almedia, O.P., Reynolds, M.A., & Sauk, J.J. Alteration in expression of MMP-1 and MMP-2 but not TIMP-1 and TIMP-2 in hereditary gingival fibromatosis is mediated by autocrine stimulation by TGF-beta 1. *Journal of Dental Research*. 2000; **79** (Spec Iss): 1084.
63. Aichelmann-Reidy, M.E., Reynolds, M.A., & Heath, C.D. Evaluation of calcium sulfate bone for the treatment of intrabony defects. *Journal of Dental Research*. 2001; **80** (Spec Iss): 82.
64. Aichelmann-Reidy, M.E., Reynolds, M.A., & Heath, C.D. Evaluation of calcium sulfate barrier for the treatment of intrabony defects. *Journal of Dental Research*. 2002; **81** (Spec Iss): A291.
65. Aichelmann-Reidy, M.E., Reynolds, M.A., & Heath, C.D. Evaluation of calcium sulfate barrier for the treatment of intrabony defects. *Journal of Dental Research*. 2003; **82** (Spec Iss A): # 0525
66. Reynolds, M.A., Branch-Mays, G.L., Gunsolley, J., Ebersole, J., & Novak, M.J. Caloric restriction, aging and periodontal inflammation. *Journal of Dental Research*. 2003; **82** (Spec Iss A): # 1438
67. Sarlani, E., Grace, E.G., Reynolds, M.A., & Greenspan, J.D. Central Nociceptive Processing Differences Related to Sex and Temporomandibular Disorders. Program No. 261.18. 2003 *Abstract Viewer/Itinerary Planner*. Washington, DC: Society for Neuroscience, 2003. Online.
68. Steffen, M.J., Ebersole, J.L., Reynolds, M., Branch-Mays, G., Dawson, D., Novak, J. Aging effects on systemic inflammatory and immune responses. *Journal of Dental Research*, 2004; 83(Spec Iss A): 3684.
69. Rosen, P.S., and Reynolds M.A. Clinical outcome of implants following initial implant failure. *Journal of Dental Research*, 2004; 83(Spec Iss A): 2711
70. Reynolds M.A., Kassolis, J.D., Aichelmann-Reidy, M.E., Prasad, H.S. & Rohrer, M.D. Evaluation of a calcium sulfate-carboxymethylcellulose bone graft binder. *Journal of Dental Research*, 2004; 83(Spec Iss A): 1126.
71. Reynolds M.A., Kassolis, J.D., Aichelmann-Reidy, M.E., Prasad, H.S. & Rohrer, M.D. Histological Evaluation of a Calcium Sulfate-Carboxymethylcellulose Bone Graft Binder in a Critical Size Defect Model. *Journal of Bone and Mineral Research*, 2004; 19(Supp 1) S356. (M057)
72. Wurth, B.A., Kirakodu, S.S., Mattingly, J.S., Ebersole, J.L., Novak, M.J., Novak, K.F. Reynolds, M.A., Dawson, III, D.R., Branch-Mays, G., Ingram, D., and Mattison, J. Caloric Restriction, Aging and Bacterial Clonal Types in Periodontal Plaque. *Journal of Dental Research*, 2005; 84(Spec Iss A): 2255. (www.dentalresearch.org)

73. Novak, M.J., Reynolds, M.A., Dawson, III D.R., Ebersole J.L., Gunsolley, J., Novak, K.F., Branch-Mays, G., Mattison, J., and Ingram, D. Effects of Gender on Untreated Periodontal Disease in Nonhuman Primates. *Journal of Dental Research*, 2005; 84(Spec Iss A): 1406. (www.dentalresearch.org)
74. Novak, M.J., Reynolds, M.A., Branch-Mays, G., Ebersole, J.L., Gunsolley, J., Novak, K.F., Dawson, III, D.R., Mattison, J., and Ingram, D. Effects of Age on Untreated Periodontal Disease in Nonhuman Primates. *Journal of Dental Research*, 2005; 84(Spec Iss A): 1407. (www.dentalresearch.org)
75. Novak, M.J., Reynolds, M.A., Ebersole, J.L., Novak, K.F., Gunsolley, J., Dawson, III, D.R., Branch-Mays, G., Mattison, J., and Ingram, D. Effects of Caloric Restriction on Periodontal Disease in Nonhuman Primates. *Journal of Dental Research*, 2005; 84(Spec Iss A): 1408. (www.dentalresearch.org)
76. Parashar, P., Papadimitriou, J.C., Reynolds, M.A., Sauk, J.J., and Nikitakis, N.G. Early vs. Late “Thanatosomes”: Precursors of Apoptosis in Oral Cancer. *Journal of Dental Research*, 2005; 84(Spec Iss A): 2461. (www.dentalresearch.org)
77. Burstein, W.C., Kye, W., Gupta, A., Rosen, P.S., Aichelmann-Reidy, M.E., and Reynolds, M.A. Enamel Matrix Proteins: Effect on Osteoinductivity of Human Bone Allograft. *Journal of Dental Research*, 2005; 84(Spec Iss A): 1161. (www.dentalresearch.org)
78. Kye, W., Burstein, W.C., Gupta, A., Rosen, P.S., Aichelmann-Reidy, M.E., and Reynolds, M.A. Enamel Matrix Proteins: Effect on Gene Expression with Bone Allografts. *Journal of Dental Research*, 2005; 84(Spec Iss A): 1163. (www.dentalresearch.org)
79. Reynolds M.A. and Aichelmann-Reidy, M.E. Predictability of Clinical Outcomes Following Regenerative Therapy in Intrabony Defects. *Journal of Dental Research*, 2006; 85(Spec Iss A): 0930. (www.dentalresearch.org)
80. Parashar, P. Nikitakis, N.G., Reynolds, M.A., Sauk, J.J., Papadimitriou, J.C. Formation of Thanatosomes in Oral Cancer Cells: Insights into the Early Stages of Apoptosis. *Archives of Otolaryngology—Head & Neck Cancer*, 2006; 132: 886-887.
81. Ebersole, J.L., Steffen, M.J., Stevens, J., Novak, M.J., Novak, K., Dawson, D.R., Branch-Mays, G., Gunsolley, J.C., Mattison, J., Ingram, D.K., and Reynolds, M. GCF Responses in Nonhuman Primates: Effects of Age, Gender, Diet. *Journal of Dental Research*, 2006; 85(Spec Iss A): 0927. (www.dentalresearch.org)
82. Aichelmann-Reidy, M.E., Sakkaris, C., Mittle, V., Woodward, K., and Reynolds, M.A. Differential Effects of Enamel Matrix Derivative and rhPDGF on Mineralization Rate when Combined with Freeze-dried and Demineralized Bone Matrix. *American Society for Bone and Mineral Research*, 2006; 21(Supp 1): S356. (M482).
83. Reynolds, M.A., Aichelmann-Reidy, M.E., Prudencio, A., Woodward, K., and Uhrich, K.E. Effects of Salicylic Acid-Derived Poly(Anhydride-Esters) Bone Graft Barrier on Inflammation. *Transactions of the 31st Annual Meeting of the Society for Biomaterials*, 2006; 29: 261.
84. Steffen, M.J., Novak, M.J., Dawson, D.R., Branch-Mays, G., Reynolds, M.A., Mattison, J., Ingram, D., and Ebersole, J.L. Caloric Restriction and Periodontitis: Serum Responses in Aging Monkeys. *Journal of Dental Research*, 2007; 86(Spec Iss A): 2342. (www.dentalresearch.org)

85. Novak, M.J., Reynolds, M.A., Dawson, D.R., Branch-Mays, G., Novak, K., Ebersole, J.L., Gunsolley, J., Mattison, J., and Ingram, D. Caloric Restriction and Ligature Induced Periodontitis in Aging Monkeys. *Journal of Dental Research*, 2007; 86(Spec Iss A): 0664. (www.dentalresearch.org)
86. Kirakodu, S.S., Novak, K., Govindaswami, M., Reynolds, M.A., Branch-Mays, G., Ebersole, J.L., Dawson, D.R., Gunsolley, J., Mattison, J., Ingram, D, and Novak, M.J. Microbiology of Ligature-Induced Periodontitis: Effects of Caloric Restriction. *Journal of Dental Research*, 2007; 86(Spec Iss A): 2283. (www.dentalresearch.org)
87. Aichelmann-Reidy, M.E., Sakkaris, C., Mittle, V., Woodward, K., Reynolds, M.A. Effects of PDGF on Mineralized and Demineralized Bone Graft Resorption. *Journal of Dental Research*, 2007; 86(Spec Iss A): 2365. (www.dentalresearch.org)
88. Reynolds, M.A., Bos, A.J.G., Aichelmann-Reidy, M.E., Choe, K., Padilha, D.M.P. and Ferrucci, L. Gender and the Relationship of Periodontal Disease to CVD-related Mortality. *Journal of Dental Research*, 2007; 86(Spec Iss A): 2324. (www.dentalresearch.org)
89. Nesbitt, M.J., Bos, A., Padilha, D.M., Ling, S.M., Reynolds, M.A., and Ferrucci, L. Is Tooth Loss Associated with Lower Hip Bone Mineral Density? *Journal of the American Geriatrics Society*. 2008; 56(4):S78-S78. (Abstract: B42).
90. Mata, X., Choe, K., Aichelmann-Reidy, M.E. and Reynolds, M.A. Prior Endodontic Therapy as a Risk Factor for Implant Failure. *Journal of Dental Research*, 2008; 87(Spec Iss A): 1145. (www.dentalresearch.org)
91. Mastronikolas, S., Mata, X., Aichelmann-Reidy, M.E. and Reynolds, M.A. Survival of Dental Implants Placed in Sites of Previous Failures. *Journal of Dental Research*, 2008; 87(Spec Iss A): 1146. (www.dentalresearch.org)
92. Reynolds, M.A., Bos, A.J.G., Aichelmann-Reidy, M.E., Choe, K., Padilha, D.M.P. and Ferrucci, L. Association of periodontal disease to gastrointestinal carcinoma. *Journal of Dental Research*, 2008; 87(Spec Iss A): 0458. (www.dentalresearch.org)
93. Choe, K., Kougentakis, G., Shiau, H., Aichelmann-Reidy, M.E. and Reynolds, M.A. Impact of maxillary sinus pathosis on implant success following augmentation. *Journal of Dental Research*, 2010; 89(Spec Iss A): 43. (www.dentalresearch.org)
94. Reynolds, M.A., Aichelmann-Reidy, M.E. and Uhrich, K.E. Salicylic Acid-based Polyanhydride Composite Bone Grafts. *Journal of Dental Research*, 2010; 89(Spec Iss A): 584. (www.dentalresearch.org)
95. Bingham, C.O., Reynolds, M.A., Giles, Jon, Andrade, F., Fox-Talbot, K., & Halushka, M.K. Citrullination and Peptidylarginine Deiminase (PAD) Expression is detected in the oral mucosa and periodontium in the absence of rheumatoid arthritis. *Arthritis and Rheumatism*, 2010; 62 Suppl 10:1074
96. Daru, A., Waasdorp, J., Aichelmann-Reidy, M.E. and Reynolds, M.A. Effect of rhPDGF-BB on bone formation in a calvarial defect model. *Journal of Dental Research*, 2011; 90(Spec Iss A): 2309. (www.dentalresearch.org)
97. Rafat, R., Chellaiah, M.A., Gupta, A., Aichelmann-Reidy, M.E., and Reynolds, M.A. Effect of PDGF-BB on osteoclast bone resorption *in vitro*. *Journal of Dental Research*, 2011; 90(Spec Iss A): 3579. (www.dentalresearch.org)
98. Gomes, M.S., Hugo, F.N, Hilgert, J.B., Grecca, F.S., Padilha, D.M.P., Simonsick, E.M., Ferrucci, L., & Reynolds, M.A. Apical periodontitis and cardiovascular events in the BLSA:

- Preliminary results. *Journal of Dental Research*, 2012; 91(Spec Iss A):1208. (www.dentalresearch.org)
99. Fontana, J.S., Van-Dinh, K.T., Aichelmann-Reidy, M.E. & Reynolds, M.A. Racial differences in 3-dimensional location of the posterior superior alveolar artery. *Journal of Dental Research*, 2013; 92(Spec Iss A). (www.dentalresearch.org)
 100. Van-Dinh, K.T., Fontana, J.S., Aichelmann-Reidy, M.E. & Reynolds, M.A. Maxillary sinus septa: Racial and gender differences in prevalence and morphology. *Journal of Dental Research*, 2013; 92(Spec Iss A). (www.dentalresearch.org)
 101. Rostami, A.M., Elbanhawy, O.E., Ward, M.D., Aichelmann-Reidy, M.E. & Reynolds, M.A. Effects of ND:YAG Laser on Different Implant Surfaces. *Journal of Dental Research*, 2014; 93(Spec Iss A). (www.dentalresearch.org)
 102. Mishler, O., and Reynolds, M.A. Locally administered minocycline hydrochloride and HIV-positive, periodontally involved adults. *Journal of Dental Research*, 93(Spec Iss A): #424 (www.dentalresearch.org)
 103. Saito, H., Chu, S.J., Tarnow, D.P., and Reynolds, M.A. Immediate implants: Promoting ridge stability with provisional restorations. *Journal of Dental Research*, 93(Spec Iss A): #115 (www.dentalresearch.org)
 104. Aichelmann-Reidy, M.E., Versteegh, T.M., and Reynolds, M.A. Nd:YAG Laser energy effects on TiUnite® surfaces in different environments. *Journal of Dental Research*, 2015; 94 (Spec Iss A): #3005. (www.dentalresearch.org)
 105. Aichelmann-Reidy, M.E., Metzger, J., and Reynolds, M.A. An SEM Evaluation of air abrasives on the TiUnite® surface. *Journal of Dental Research*, 2015; 94 (Spec Iss A): #3006 (www.dentalresearch.org)
 106. Saito, H., Chu, S.J., Pacios, S., Hsia, R.C., Tarnow, D.P., and Reynolds, M.A. Peri-implant supra-crestal fiber adherence to provisional abutment on immediate implant. *Journal of Dental Research*, 2015; 94 (Spec Iss A): #3388 (www.dentalresearch.org)
 107. Harris, D.M., Nicholson, D.M., McCarthy, D.K., Yukna, R.A., Reynolds, M.A., Greenwell, H., Finley, J., McCawley, T.K., Xenoudi, P., Gregg, R.H. Change in clinical indices following laser or scalpel treatment for periodontitis: A split-mouth, randomized, multi-center trial. Paper 8929-15 Society of Photo-Optical Instrumentation Engineers (SPIE) Photonics West, 2014.
 108. Zhang, C., Wang, L., Wang, P., Weir, M. D., Reynolds, M. A., Bao, C., Xu, H. H. Injectable calcium-phosphate with stem cell-encapsulating hydrogel fibers for bone engineering. *Journal of Dental Research*, 2017; 96 (Spec Iss A): # (www.dentalresearch.org)
 109. Liang, K., Weir, M. D., Chow, L. C., Reynolds, M. A., Li, J., Xu, H. H. K. Remineralization via PAMAM/NACP composite in acidic solution without calcium-phosphate ions. *Journal of Dental Research*, 2017; 96 (Spec Iss A): # (www.dentalresearch.org)
 110. Wang, L., Xie, X., Weir, M. D., Fouad, A. F., Reynolds, M. A., Zhao, L., Zhou, Y., Xu, H. H. K. Effects of novel bioactive adhesive on periodontal and endodontic pathogens. *Journal of Dental Research*, 2017; 96 (Spec Iss A): # (www.dentalresearch.org)
 111. Li, C., Wang, L., Wang, P., Weir, M. D., Reynolds, M. A., Zhao, L., Xu, H. H. K. Stem cell-encapsulating hydrogel fibers inside injectable calcium-phosphate for bone engineering. *Journal of Dental Research*, 2017; 96 (Spec Iss A): # (www.dentalresearch.org)

112. Melo, M. A. S., Chen, C., Wu, J., Weir, M. D., Reynolds, M. A., Xu, H. H. K. Designing novel dental composite with protein-repellent and autonomous crack-healing capabilities. *Journal of Dental Research*, 2017; 96 (Spec Iss A): # (www.dentalresearch.org)
113. Xiao, S., Liang, K., Weir, M. D., Reynolds, M. A., Ding, Y. Zhou, X., Xu, H. H. K. Combining novel multifunctional dental composite/poly(amido amine) for tooth root dentin remineralization. *Journal of Dental Research*, 2017; 96 (Spec Iss A): # (www.dentalresearch.org)
114. Zhang, N., Zhang, K., Weir, M. D., Melo, M. A. S., Reynolds, M. A., Bai, Y., Xu, H. H. K. Effect of Water-Aging on Novel Protein-Repellent and Antibacterial Dental Composites. *Journal of Dental Research*, 2017; 96 (Spec Iss A): # (www.dentalresearch.org)
115. Zhang, K., Zhang, N., Weir, M.D., Reynolds, M.A., Bai, Y., Xu, H.H.K. Bioactive Dental Composites and Bonding Agents Having Remineralizing and Antibacterial Characteristics. *Dental Clinics of North America*. 2017; (4):669-687.
116. Xie, X., Wang, L., Xing, D., Weir, M. D., Reynolds, M. A., Bai, Y., Xu, H. H. K. Calcium phosphate rechargeable dental adhesive with protein-repellent and antibacterial functions. *Journal of Dental Research*, 2017; 96 (Spec Iss A): # (www.dentalresearch.org)
117. Wang, L., Chen, L., Zhan, K., Melo, M. A. S., Xie, X., Weir, M. D., Reynolds, M. A., Zhou, X., Bai, Y., Xu, H. H. K. Novel bioactive nanocomposite inhibiting oral microcosm biofilms and periodontitis-related pathogens. *Journal of Dental Research*, 2017; 96 (Spec Iss A): # (www.dentalresearch.org)
118. Xia, Y., Weir, M. D., Zhang, F., Reynolds, M. A., Xu, H. H. K. Novel super-paramagnetic iron-oxides incorporation in calcium phosphate for bone regeneration. *Journal of Dental Research*, 2017; 96 (Spec Iss A): # (www.dentalresearch.org)
119. Al Dulaijan, Y. A., Melo, M. A. S., Weir, M. D., Reynolds, M. A., Xu, H. H. K. Novel rechargeable dental nanocomposite with antibacterial and durable remineralization properties. *Journal of Dental Research*, 2017; 96 (Spec Iss A): # (www.dentalresearch.org)
120. al-Qarni, F. D., Melo, M. A. S., Weir, M. D., Reynolds, M. A., Xu, H. H. K. Novel rechargeable dental adhesive with antibacterial and remineralizing properties. *Journal of Dental Research*, 2017; 96 (Spec Iss A): # (www.dentalresearch.org)
121. Saito, H., Ma, T., Mieszko, A. J., Chu, S. J., Schneider, A., Reynolds, M. A. Microscopic evaluation of soft tissue adherence to provisional custom abutment materials. *Journal of Dental Research*, 2017; 96 (Spec Iss A): # (www.dentalresearch.org)
122. Saito, H., Chu, S. J., Tarnow, D. P., Reynolds, M. A. Effects of Provisional Restoration on peri-implant soft tissue color stability. *Journal of Dental Research*, 2017; 96 (Spec Iss A): # (www.dentalresearch.org)
123. Dagdag, A., Reynolds, M.A., Wadhawan, A., Daue, M., Reeves, G. M., Ryan, K. A., Georgiou, P., Pollin, T. I., Mitchell, B. D., and Postolache, T. T. In Old Order Amish women, BMI and obesity are associated with tooth loss. *The Obesity Society 2017 Abstract Book*. (www.obesityweek.com)
124. Dagdag, A., Reynolds, M.A., Daue, M., Wadhawan, A., Nijjar, G., Ryan, K.A., Fuchs, D., Mitchell, B., and Postolache, T.T. Anhedonia and hopelessness/dysphoria associated with tooth loss in the old order Amish: Gender differences and neopterin levels-mediator or confounder? Society of Biological Psychiatry, *Biological Psychiatry*, 2018 83:S129eS455.

C. Instructional Media (Selected)

Reynolds, M.A. and Moutsopoulos, N.M. (2002) Management of Periodontal Disease in HIV-Infected Patients. In *Dental Management of the Patient with HIV/AIDS -- Current Concepts*. Pennsylvania/MidAtlantic AIDS Education and Training Centers.

Reynolds, M.A. and Aichelmann-Reidy, M.E. (2009) Periodontal Regeneration. *MetLife Quality Resource Guide*. New York: Metropolitan Life Insurance Co.

Reynolds, M.A. and Aichelmann-Reidy, M.E. (2013) Periodontal Regeneration. (2nd Edition) *MetLife Quality Resource Guide*. New York: Metropolitan Life Insurance Co.

Reynolds, M.A. and Aichelmann-Reidy, M.E. (2017) Periodontal Regeneration. (3rd Edition) *MetLife Quality Resource Guide*. New York: Metropolitan Life Insurance Co.

D. Grants and Contracts

2017-18 Dexcel Pharma Technologies Ltd.
The Efficacy and Safety of Chlorhexidine Gluconate Chip (PerioChip®) in Therapy of Peri-implantitis.

2013-14 OraPharma, Inc.
Multi-Center Phase 3 Trial of Minocycline HCl 1mg Microspheres for the Use in Subjects with Peri-Implantitis: Clinical and Microbiological Evaluations

2013-14 OraPharma, Inc.
Multi-Center Phase 3 Trial of Minocycline HCl 1mg Microspheres for the Use in Subjects with Peri-Implantitis

2011-14 Millennium Dental Technologies, Inc.
A Multi-Center Single Blind Study of the Laser Assisted New Attachment Procedure Compared to Scaling and Root Planing Alone, Modified Widman Flap Surgery, or Coronal Debridement Alone in the Treatment of Chronic Periodontitis

2008-10 Biomet 3i, Inc.
A Prospective, Randomized-Controlled Evaluation of Nanotite and Osseotite Surfaced Implant Performance in Graduate Student Programs

2009-10 American College of Rheumatology Research and Education Foundation
PI: [REDACTED]
Periodontal Disease as an Initiation or Propagation Factor for RA

2005-10 N.I.D.C.R., N.I.H., R01 PI: [REDACTED]
Biodegradable Polymeric Prodrugs

2005-13 Zimmer Dental, Inc.
The Clinical and Histological Evaluation of the Mono-cortical J Block® Allograft for the Management of Dento-alveolar Deficiencies

- 2002-07 N.I.D.C.R., N.I.H. PI: [REDACTED]
Aging: Effects on Infection, Inflammation, and Disease
- 2002-07 N.I.D.C.R., N.I.H., PI: [REDACTED]
ORWH: SCOR on Sex and Gender Factors Affecting Women's Health
- 2002-04 Implant Innovations, Inc.
A Prospective, Randomized Controlled Study of Platelet Concentrates Added to Bone Grafts in the Maxillary Sinus Lift Cases-A Safety and Efficacy Evaluation
- 1999-01 Glaxo Welcome Inc. PI: [REDACTED]
A Multicenter, Double Blind, Placebo-Controlled Evaluation of Valaciclovir for the Reduction of the Length of Cold Sore Episodes
- 1998-01 Merck & Company, Inc.
A 24-Month, Double-Blind, Randomized, Placebo-Controlled Study to Determine the Effectiveness of MD-0217 in Reducing Alveolar Bone Loss in Men and Women with Moderate or Severe Periodontal Disease, in the Absence of Scaling and Root Planing.
- 1998-01 LifeCore Biomedical, Inc.
Regeneration of Intrabony Defects using a Calcium Sulfate Barrier in Combination with Demineralized Freeze-dried Bone Allograft
- 1997-98 W.L. Gore and Associates, Inc.
The Effect of Defect Morphology and Root Configuration on the Closure of Grade II Furcation Defects After Two Years: Microbiological Analysis
- 1994-96 W.L. Gore and Associates, Inc. PI: [REDACTED]
The Effect of Defect Morphology and Root Configuration on the Closure of Grade II Furcation Defects after Two Years
- 1992-97 N.I.D.R., N.I.H. (K15 DE 00327)
Role of Stress proteins in Periodontal Disease
- 1992-93 Service Contract, N.I.A., N.I.H.
Caloric Restriction in Primates: Oral Fibroblast Cultures
- 1990-93 N.I.D.R., N.I.H. PI: [REDACTED]
Family Studies of Early Onset Periodontitis
- 1988-90 Vipont Laboratories, Inc. PI: [REDACTED]
Effect of Viadent on Oral Delivery of Neutrophils
- 1987-89 Dentsply International, Inc. PI: [REDACTED]
Cavimed Therapy in Periodontitis Patients