CURRICULUM VITAE

NAME: Bruce A
(Last) (First) (Initial)

EMPLOYMENT:

Hired by Indiana University: June 1993

Retired from Indiana University January 2012

Current Rank: Professor Emeritus

Began working in Graduate Operative Program: June 1993

EDUCATION:

UNDERGRADUATE:

School: Weber State University, Ogden, UT 1961 - 62 1964 - 65

School: Brigham Young University, Provo, UT 1965 - 67

Degree: Bachelor of Science

GRADUATE:

School: Case Western Reserve University, 1967 - 71

Cleveland, OH

Degree: Doctor of Dental Surgery

POST DOCTORAL:

School: Indiana University School of Dentistry, 1981 – 83

Graduate Operative Dentistry Program

Indianapolis, IN

Degree: Master of Science in Dentistry

School: Indiana University School of Dentistry 1983 - 84

Oral Health Research Institute

Indianapolis, IN

Certificate: One Year Training in Preventive Dentistry

School: University of Washington 1994

Regional Clinical Research Center

Seattle, WA

Certificate: Six-Week Training in Clinical Dental

Research Methods

ACADEMIC APPOINTMENTS:

Assistant Professor, Department of Community Dentistry,	Aug 79 - Jul 81
University of Texas Health Science Center, San Antonio, TX	Jun 85 - Apr 89

Director of Restorative Dentistry Department Clinical Research Facility Jul 93 - Sep 95 Indiana University School of Dentistry, Indianapolis, IN

Associate Professor, Department of Restorative Dentistry

Jul 93 – Apr 01

Indiana University School of Dentistry, Indianapolis, IN

Professor, Department of Restorative Dentistry

Apr 01 – Jan 12

Indiana University School of Dentistry, Indianapolis, IN

Professor Emeritus, Department of Restorative Dentistry
Indiana University School of Dentistry, Indianapolis, IN

Jan 12- Present

OTHER APPOINTMENTS AND PROFESSIONAL CONSULTANTSHIPS:

IUSD Graduate Faculty

Indiana University School of Dentistry, Indianapolis, IN Feb 00 – Jan 12

Consultant to the Council of Scientific Affairs Jan 06- Present

American Dental Association

Member National Standards Committee Jan 2008-Present

American Dental Association

International Organization of Standardization Jan 2008-Present

U.S. TAG for ISO/TC 106

LICENSURE AND CERTIFICATION:

State of Utah, License #2037 Date obtained 1972 (currently active)
State of Indiana, License #12009604 Date obtained 1993 (currently active)

National Provider Identification number: 1790700328

PROFESSIONAL ORGANIZATIONS:

International Association for Dental Research
Academy of Operative Dentistry
1981- Present
American Dental Association
2001- Present

HONORS AND AWARDS:

Consultant in Tooth Whitening to Council of Scientific Affairs, American Dental Association Mar 06

SERVICE

PROFESSIONAL SERVICE:

Consultant, Council on Scientific Affairs American Dental Association	1994 - 2004 2006- Present
Associate Editor Operative Dentistry journal	1999- 2014
Editorial Board Operative Dentistry journal	1999- Present
Consultant Special Government Employee Center for Drug Evaluation and Research FDA	2005-2010
Member AADR Ethics in Dental Research Committee	2008- 2011
President Omicron Kappa Upsilon	2008-2009
American Dental Association Delegate ISO TAC SC7 Oral Health Care Products	2009-Present

PROFESSIONAL ACTIVITIES:

- 1. Oral Presentation, "The FACTS about Tooth Bleaching, Mexico Dental Association, Monterrey, Mexico, April 7, 2003.
- 2. Oral Presentation, "Histopathology of Pulp and Chemical Degradation Using At-Home Bleaching Agents" International Association for Dental Research, Goteborg, Sweden, June 28, 2003.
- 3. Oral Presentation, "The Question: At-Home or In-Office Bleaching—Evidence Based Concepts to Empower Dental Professionals, Perth Dental Group, Perth, Australia, Aug 25, 2003.
- 4. Oral Presentation, "The Question: At-Home or In-Office Bleaching—Evidence Based Concepts to Empower Dental Professionals", Sydney Dental Group, Sydney, Australia, Aug 27, 2003.

- 5. Oral Presentation, "The Question: At-Home or In-Office Bleaching—Evidence Based Concepts to Empower Dental Professionals", Brisbane Dental Group, Brisbane Australia, Aug 28, 2003.
- 6. Oral Presentation, "The Question: At-Home or In-Office Bleaching—Evidence Based Concepts to Empower Dental Professionals", Hobart Dental Group, Hobart Australia, Aug 30, 2003.
- 7. Oral Presentation, "The Question: At-Home or In-Office Bleaching—Evidence Based Concepts to Empower Dental Professionals", Melbourne Dental Group, Melbourne Australia, Sept 1, 2003.
- 8. Oral Presentation, "The Question: At-Home or In-Office Bleaching—Evidence Based Concepts to Empower Dental Professionals", Canberra Dental Group, Canberra Australia, Sept 4, 2003.
- 9. Oral Presentation, "The Question: At-Home or In-Office Bleaching—Evidence Based Concepts to Empower Dental Professionals", Esthetic Dental Society, Singapore, Republic of Singapore Oct 8, 2003.
- 10. Oral Presentation, "Bleaching—How, Why, When. 13th Scientific Meeting and Refresher Course in Dentistry, Jakarta, Indonesia, Oct 11, 2003.
- 11. Oral Presentation, "The Question: At-Home or In-Office Bleaching—Evidence Based Concepts to Empower Dental Professionals", Jakarta Dental Group, Jakarta Indonesia, Oct 12, 2003.
- 12. Oral Presentation, "Tooth Whitening Update 2004" Key Educators Conference, South Jordan UT, Apr 23, 2004.
- 13. Oral Presentation, "Indiana University School of Dentistry: An Excellent Dental School" Utah State University, Logan UT, Feb 2, 2004.
- 14. Oral Presentation, "Indiana University School of Dentistry: An Excellent Dental School" Brigham Young University, Provo UT, Feb 3, 2004.
- 15. Oral Presentation, "Indiana University School of Dentistry: An Excellent Dental School" Weber State University, Ogden UT, Feb 4, 2004.
- 16. Oral Presentation, "Indiana University School of Dentistry: An Excellent Dental School" University of Utah, Salt Lake City UT Feb 5, 2004.
- 17. Oral Presentation, "The Facts About Tooth Bleaching", Wuhan University School of Stomatology, Wuhan, PR China, Jul 16, 2004.
- 18. Oral Presentation, "The Facts About Tooth Bleaching", Ninth People's Hospital, Shanghai Second Medical University, Shanghai, PR China, Jul 19, 2004.
- 19. Oral Presentation, "The Facts About Tooth Bleaching", Peking University School of Stomatology, Beijing, PR China, Jul 23, 2004.
- 20. Oral Presentation, "The Facts About Tooth Bleaching", Fourth Military Medical University College of Stomatology, Xian, PR China, Jul 26, 2004.
- 21. Oral Presentation, "The Facts About Tooth Bleaching", Sichuan University, West China College of Stomatology, Chungdu, PR China, Jul 27, 2004.

- 22. Oral Presentation, "Evidence Based Tooth Whitening", Continuing Education Seminar, Prague, Czech Republic, November 15, 2004.
- 23. Oral Presentation, Evidence Based Tooth Whitening", Continuing Education Seminar, Gothenburg, Sweden, May 16, 2005.
- 24. Oral Presentation, Evidence Based Tooth Whitening", Continuing Education Seminar, Copenhagen, Denmark, May 17, 2005.
- 25. Oral Presentation, Evidence Based Tooth Whitening", Continuing Education Seminar, Stockholm, Sweden, May 18, 2005.
- 26. Oral Presentation, Evidence Based Tooth Whitening", Continuing Education Seminar, Amsterdam, Holland, May 20, 2005.
- 27. Oral Presentation, Evidence Based Tooth Whitening", Continuing Education Seminar, Helsinki, Finland, May 23, 2005.
- 28. Oral Presentation, Evidence Based Tooth Whitening", Continuing Education Seminar, Turku, Finland, May 24, 2005.
- 29. Oral Presentation, Evidence Based Tooth Whitening", Continuing Education Seminar, Oslo, Norway, May 25, 2005.
- 30. Oral Presentation, "Evidence Based Tooth Whitening", Clinical Success 2005, Johannesburg, South Africa, August 5, 2005
- 31. Oral Presentation, "Evidence Based Tooth Whitening", Continuing Education Seminar, Potchefstroom, South Africa, August 10, 2005.
- 32. Oral Presentation, "Evidence Based Tooth Whitening", Continuing Education Seminar, Witbank, South Africa, August 11, 2005.
- 33. Oral Presentation, "Evidence Based Tooth Whitening", Continuing Education Seminar, Prot Shepstone, South Africa, August 16, 2005.
- 34. Oral Presentation, "Evidence Based Tooth Whitening", Continuing Education Seminar, Pietermarizburg, South Africa, August 17, 2005.
- 35. Oral Presentation, "Evidence Based Tooth Whitening", Continuing Education Seminar, Cape Town, South Africa, August 118, 2005.
- 36. Oral Presentation, "Evidence Based Tooth Whitening", Continuing Education Seminar, Napa Valley, California, September 23, 2005
- 37. Oral Presentation, "Evidence Based Tooth Whitening", Continuing Education Seminar, University of Turku, Turku, Finland, August 22, 2006.
- 38. Oral Presentation, "Evidence Based Tooth Whitening", Continuing Education Seminar, Helsinki, Finland, August 28, 2006.
- 39. Oral Presentation, "Evidence Based Tooth Whitening", Continuing Education Seminar, Turku, Finland, August 29, 2006.

- 40. Oral Presentation, "Evidence Based Tooth Whitening on Adhesion, Degradation of Peroxides and Removal of Stubborn Stains", Academy of Dental Materials, Sao Paulo, Brazil, October 25, 2006.
- 41. Oral Presentation, "Evidence Based Tooth Whitening", Continuing Education Seminar, Federal Universitate Santa Catarina, Florianopolis, Brazil, October 28, 2006.
- 42. Oral Presentation, "Evidence Based Tooth Whitening", American College of Prosthodontists, Miami FL, November 3, 2006.
- 43. Oral Presentation, "Evidence Based Tooth Whitening", Continuing Education Seminar, Indianapolis District Dental Society, Indianapolis IN, November 8, 2006.
- 44. Poster Presentation, "Clinical Evaluation of 15% CP with PF and 16% CP with ACP, International Association of Dental Research, New Orleans LA, March 24, 2007.
- 45. Oral Presentation, "Tooth Whitening Clinical Studies—Variables Affecting the Clinical End Points", Bluestone Center for Clinical Research, Task Force on Design and Analysis, Inc. New York University, Newark NJ, May 8, 2007.
- 46. Oral Presentation, "The FACTS about Tooth Whitening", Continuing Education Seminar, Athens, Greece, June 10, 2007.
- 47. Oral Presentation, "The FACTS about Tooth Whitening", Continuing Education Seminar, Volos, Greece, June 11, 2007.
- 48. Oral Presentation, "The FACTS about Tooth Whitening", Continuing Education Seminar, Thessaloniki, Greece, June 12, 2007.
- 49. Oral Presentation, "Evidence Based Tooth Whitening", Continuing Education Seminar, Istanbul, Turkey, June 14, 2007.
- 50. Oral Presentation, "Update on Bleaching" Continuing Education Seminar, Alaskan Cruise, August 16, 2007.
- 51. Oral Presentation, "Tooth Whitening Research" Ultradent Elite Conference, South Jordan, UT, August 24, 2007.
- 52. Oral Presentation, "Tooth Whitening Research" Northern European Symposium, South Jordan, UT, September 10, 2007.
- 53. Oral Presentation, "Evidence Based Tooth Whitening" Swedish Dental Association, Goteborg, Sweden, November 8, 2007.
- 54. Oral Presentation, "The FACTS about Tooth Whitening" University of Montreal, Montreal, Canada, November 10, 2007.
- 55. Oral Presentation, "The FACTS About Tooth Whitening" Showa University, Tokyo, Japan, December 6, 2007.
- 56. Oral Presentation, "The FACTS About Tooth Whitening" Tsurumi University, Tokyo, Japan, December 6, 2007.

- 57. Oral Presentation, "The FACTS About Tooth Whitening" Whitening Seminar, Tokyo, Japan, December 6, 2007.
- 58. Oral Presentation, "The FACTS About Tooth Whitening" Aichi-Gakuin University, Nagoya, Japan, December 6, 2007.
- 59. Oral Presentation, "State of the Art of Bleaching in Restorative Dentistry", Italian University Congress, Rome, Italy April 18, 2008.
- 60. Oral Presentation, "The FACTS About Tooth Bleaching" The Practice of Advanced Dentistry, Foros, Ukraine, May 22, 2008
- 61. Oral Presentation, "Evidence Based Tooth Whitening" Interdental 2008, Bratislava, Slovak Republic May 24, 2008
- 62. Oral Presentation "No More Little White Lies: Evidence Based Tooth Whitening" Auckland, New Zealand, June 9, 2008.
- 63. Oral Presentation "No More Little White Lies: Evidence Based Tooth Whitening" Elllington, New Zealand, June 11, 2008.
- 64. Oral Presentation "No More Little White Lies: Evidence Based Tooth Whitening" Christchurch, New Zealand, June 13, 2008.
- 65. Oral Presentation "No More Little White Lies: Evidence Based Tooth Whitening" Maroochydore, Australia, June 16, 2008.
- 66. Oral Presentation "No More Little White Lies: Evidence Based Tooth Whitening" University of Sydney, Sydney, Australia, June 18, 2008.
- 67. Oral Presentation "No More Little White Lies: Evidence Based Tooth Whitening" University of Melbourne, Melbourne, Australia, June 20, 2008.
- 68. Oral Presentation "The Facts About Tooth Whitening, Part 2" Chengdu, China, August 24, 2008.
- 69. Oral Presentation "The Facts About Tooth Whitening, Part 2" Shanghi, China, August 26, 2008.
- 70. Oral Presentation "The Facts About Tooth Whitening, Part 2" Guang Zhou, China, August 28, 2008.
- 71. Oral Presentation "Tooth Whitening Research" Northern European Continuing Education Seminar, South Jordan UT, October 2, 2008.
- 72. Oral Presentation "Tooth Esthetics: Alternatives with Bleaching", Danish Dental Association, Copenhagen Denmark, October 31, 2008.
- 73. Oral Presentation "Evidence Based Tooth Whitening" Georgian Dental Professional Association, Tblisi, Georgia, May 23, 2009.
- 74. Oral Presentation "Evidence Based Tooth Whitening" Continuing Education Course, Gdansk, Poland, May 26, 2009.

- 75. Oral Presentation "Evidence Based Tooth Whitening" University of Moldova, Chisinau, Moldova May 28, 2009.
- 76. Oral Presentation "The Facts About Tooth Whitening" Continuing Education Seminar, Chisinau, Moldova, May 28, 2009.
- 77. Oral Presentation "No More Little White Lies!" International Symposium on Tooth Whitening, Hong Kong, China, June 3, 2009.
- 78. Oral Presentation" Safety & Efficacy of Bleaching Based on Clinical Studies" Continuing Education Seminar, Seoul, Korea, June 6, 2009.
- 79. Oral Presentation "Evidence Based Tooth Whitening" Taiwan Academy of Aesthetic Dentistry, Taiwan, Republic of Taiwan, June 7, 2009.
- 80. Oral Presentation "Evidence Based Tooth Whitening" Continuing Education Seminar, Leeds, UK, June 9, 2009.
- 81. Oral Presentation "Evidence Based Tooth Whitening" University of Tartu, Tartu, Estonia, August 21, 2009.
- 82. Oral Presentation "Evidence Based Tooth Whitening" Oral Surgery & Implant Center Continuing Dental Education Seminar, Munster, IN September 24, 2009.
- 83. Delegate ISOTC106 SC7 WG7 Dental Bleaching Products, Osaka, Japan, October 5-9, 2009.
- 84. Oral Presentation "Tooth Whitening Update" Indiana State Hygiene Association, Indianapolis, IN, October 22, 2009.
- 85. Oral Presentation "Tooth Whitening Update" Indiana Dental Assisting Society, Indianapolis, IN November 9, 2009.
- 86. Oral Presentation "Evidence Based Tooth Whitening" Graduate Operative Dentistry Residents, Indianapolis, IN, November 18, 2009.
- 87. Oral Presentation "Evidence Based Tooth Whitening" Damascus University, Damascus, Syria, Nov 23, 2009.
- 88. Oral Presentation "Evidence Based Tooth Whitening" Stomatological College, Beijing, China, January 6, 2010.
- 89. Oral Presentation "Evidence Based Tooth Whitening" Hospital, Beijing, China, January 7, 2010.
- 90. Oral Presentation "Evidence Based Tooth Whitening" Hangzhou, China, January 8, 2010.
- 91. Oral Presentation "Evidence Based Tooth Whitening" Taiwan, Republic of Taiwan, January 10, 2010.
- 92. Oral Presentation "Evidence Based Tooth Whitening" Sidney, Australia, May 12, 2010.
- 93. Oral Presentation "Evidence Based Tooth Whitening" Melbourne, Australia, May 13, 2010.

- 94. Oral Presentation "The FACTS About Bleaching" Asian Academy of Esthetic Dentistry, Kuala Lumpur, Malaysia, May 20, 2010.
- 95. Oral Presentation "Evidence Based Tooth Whitening" Perth, Australia, May 18, 2010.
- 96. Oral Presentation "Evidence Based Tooth Whitening" Beijing University Stomatological Hospital, Beijing, China, August 3, 2010.
- 97. Oral Presentation "The Truth About Tooth Whitening" Shenzhen People's Hospital, Shenzhen, China, August 5, 2010.
- 98. Oral Presentation "The Truth About Tooth Whitening" Jiangsu Stomatological Hospital, Nanging, China, August 6, 2010.
- 99. Oral Presentation "Is Loss of Microhardness During Tooth Whitening a Real Concern?" Society of Color and Appearance in Dentistry, Newport Beach, CA September 23, 2010.
- 100. Delegate ISO TAC SC7 WG7 Dental Bleaching Products, Rio de Janeiro, Brazil September 27- 30, 2010.
- 101. Oral Presentation "What is happening inside and outside the tooth during bleaching?" Loma Linda University School of Dentistry, Loma Linda CA, November 7, 2010.
- 102. Oral Presentation "Tooth Whitening Evaluated Through Clinical Studies" University of Federal Santa Catarina, Florianopolis, Brazil, October 1, 2010.
- 103. Oral Presentation "Evidence Based Tooth Whitening" Irish Dental Association, Cavan, Ireland, May 12, 2011.
- 104. Oral Presentation "Evidence Based Tooth Whitening" 1st Jordanian Cosmetic Dentistry Congress, Amman, Jordan. May 25, 2011
- 105. Oral Presentation "Evidence Based Tooth Whitening" Graduate Operative Dentistry Residents, Indianapolis, IN, November 16, 2011.
- 106. Oral Presentation "Evidence Based Tooth Whitening" University of Federal Santa Catarina, Florianopolis, Brazil Jan 27, 2012.
- 107. Oral Presentation "Evidence Based Tooth Whitening" CIOSP, San Paulo, Brazil Jan 27, 2012.
- 108. Poster Presentation "Labeled Versus Actual Concentration of Bleaching Agents" American Association for Dental Research, Tampa, FL, March 22, 2012.
- 109. Oral Presentation "Evidence Based Tooth Whitening" Venezuelan Dental Association, Caracas, Venezuela, April 13, 2012.
- 110. Oral Presentation "Evidence Based Tooth Whitening" British Dental Bleaching Society, London, England, July 26, 2012.
- 111. Oral Presentation "Evidence Based Tooth Whitening" Graduate Operative Dentistry Residents, Indianapolis, IN, November 14, 2012.

- 112. Oral Presentation "Update on Tooth Whitening" 24th Saudi Dental Society International Dental Conference, Riyadh, Saudi Arabia, January 28, 2013.
- 113. Oral Presentation "Evidence Based Tooth Whitening" 24th Saudi Dental Society International Dental Conference, Riyadh, Saudi Arabia, January 29, 2013.
- 114. Oral Presentation "Concerns With Tooth Whitening" 24th Saudi Dental Society International Dental Conference, Riyadh, Saudi Arabia, January 30, 2013.
- Oral Presentation "What is the Clinical Evidence of Tooth Whitening" Columbian Dental Association, Barranquilla, Columbia, March 7, 2013.
- Oral Presentation "What is the Clinical Evidence of Tooth Whitening" Danish Dental Group, Washington DC, September 17, 2013
- 117. Oral Presentation "2013 Update on Tooth Whitening, Mexico Dental Association. Monterrey, Mexico, October 26, 2013
- 118. Oral Presentation "The Latest on Tooth Whitening" Eielson Air Force Base Dental Clinic Eielson, Alaska, March 7, 2014
- 119. Poster Presentation "White Diet, is it Necessary for Tooth Whitening?" IADR, Cape Town, South Africa, June 27, 2014.
- 120. Oral Presentation "Overview of Tooth Whitening" Madagascar Dental Association Toamasina, Madagascar, August 22, 2014.
- 121. Workshop on Tooth Whitening "Clinical Evidence and Practical Tooth Whitening Concepts", Madagascar Oral Health Ministry, August 24, 2014.
- 122. Oral Presentation "Evidence Based Tooth Whitening" Beijing Dental Association, Beijing, China, Dec 9, 2014.
- 123. Oral Presentation "Evicence Based Tooth Whitening" Changsa Dental Association, Changsha, China, Dec 12, 2014.
- 124. Oral Presentation and Workshop "Sealants Are Effective Against Occlusal Caries" Madagascar Oral Health Ministry, June 3, 2015.
- 125. Oral Presentation "2015 Update on Tooth Whitening" Graduate Operative Dentistry Program, Indianapolis School of Dentistry, Indianapolis, IN Nov 15, 2015

PUBLICATIONS:

TEACHING:

NON-REFEREED JOURNALS

1. Cochran MA and Matis BA: Chapter 12: Diagnosis and Treatment of Root Caries in Fundamentals of Operative Dentistry: A Contemporary Approach (Third Edition) Edited by Summit J, Robbins B, Hilton, T and Schwartz R, Quintessence (2006).

2. Matis BA and Carlos Gonzalez: Chapter 13: Diagnosis and Treatment of Root Caries in Summitt's Fundamentals of Operative Dentistry: A Contemporary Approach (Fourth Edition) Edited by Hilton, Ferracane and Broome Quintessence (2013).

RESEARCH

REFEREED JOURNALS:

- 1. Cooley RL, Barkmeier WW, Matis BA and Siok JF: Staining of Posterior Resin Restorative Materials. *Quintessence Int* 18(12):823-827;1987.
- 2. Matis BA, Cochran MA, Carlson TJ and Phillips RW: Clinical Evaluation and Early Finishing of Glass Ionomer Restorative Materials. *Operative Dentistry*, 13(2):74-80;1988.
- 3. Foreman F, and Matis BA: Retention of Sealants Placed by Dental Technicians Without Assistance. *Pediatr Dent* 13(1):59-61;1991.
- 4. Matis BA, Carlson TJ, Cochran MA, and Phillips RW: How Finishing Affects Glass Ionomers: Results of a Five-year Evaluation. *J Am Dent Assoc* 122(7):43-46;1991.
- 5. Matis BA, Cochran MA and Carlson TJ: Longevity of Glass Ionomer Restorative Materials: Results of a 10-Year Evaluation. *Quintessence Int* 27(6):373-382;1996.

 Also translated into Spanish: *Quintessence Sepanola Edition* 10(6):348-357;1997.
- 6. Matis BA, Valadez D, Valadez E: The Effect of the Use of Dental Gloves on Mixing Vinyl Polysiloxane Putties. *J Prosthodont* 6(3):189-192;1997.
- 7. Matis BA, Cochran MA, Eckert G, Carlson TJ: The Efficacy and Safety of a 10% Carbamide Peroxide Bleaching Gel. *Quintessence International* 29(9):555-563;1998.

 Also translated into German: *Die Quintessenz* 49(10):991-987;1998.

 Also translated into Japanese: *The Quintessence* 18(3):151-158;1999.

 Also translated into Spanish: *Quintessence* 13(1):1-9;2000.
- 8. Matis BA: Dentifrice Whitening After Professional Bleaching. J Ind Dent Assoc 77(3):27-32;1998.
- 9. Matis BA, Gaiao U, Blackman D, Schultz FA, Eckert GJ: *In Vivo* Degradation of Bleaching Gel Used in Whitening Teeth. *J Am Dent Assoc* 130(2):227-235;1999.
- 10. Wattanapayungkul P, Matis BA, Cochran MA, Moore K. A Clinical Study of the Degradation of 10% Carbamide Peroxide within the First Hour With and Without Pellicle *Quintessence Int* 30(11):737-741;1999.
- 11. Matis BA, Cochran MA, Miller CH: Evaluation of an Illuminated Mirror. *J Ind Dent Assoc* 78(2):20-25;1999.
- 12. Matis BA Mousa H, Cochran MA Eckert GJ: A Clinical Evaluation of Bleaching Agents of Different Concentrations *Quintessence International* 31(5):303-310;2000.

 Also translated to Japanese: *The Quintessence* 20(4):149-155;2001.

 Also translated to Spanish: *Quintessence* 14(5):263-271;2001.
- 13. Matis BA. Degradation of Gel in Tray. Compendium 21(Sup 28):S28-S35;2000.
- 14. Mokhlis GR, Matis BA, Cochran MA, Eckert GJ. A Clinical Evaluation of Carbamide Peroxide and Hydrogen Peroxide Whitening Agents During Daytime Use. *J Am Dent Assoc* 131(9):1269-1277;2000.

- 15. Leevailloj C, Cochran MA, Matis BA, Moore BK, Platt JA. Microleakage of Posterior Packable Resin Composites With and Without Flowable Liners. *Op Dent* 26(3):302-307;2001.
- 16. Matis BA, Hamdan YS, Cochran MA, Eckert GJ. A Clinical Evaluation of a Bleaching Agent Used With and Without Reservoirs. *Op Dent* 27(1):5-11;2002.
- 17. Matis BA, Yousef M, Cochran MA, Eckert GJ. Degradation of Bleaching Gels *In Vivo* as a Function of Tray Design and Carbamide Peroxide Concentration. *Op Dent* 27(1):12-18;2002.
- 18. Matis BA, The Whitening Effect of Bleaching Agents on Tetracycline-stained Rat Teeth. Author reply *Op Dent* 27(3);315:2002.
- 19. Matis BA, Cochran. Technique on Restoring Cervical Lesions. Op Dent 27(5):525-527;2002.
- 20. Matis BA, Wang Y, Jiang T, Eckert GJ. Extended At-home Bleaching of Tetracycline-stained Teeth with Different Concentrations of Carbamide Peroxide. *Quint Int* 33(9);645-655;2002.
- 21. Zekonis R, Matis BA, Cochran MA, Al-Shetri, SE, Eckert GJ, Carlson TJ. Clinical Evaluation of In-Office and At-Home Bleaching Treatments. *Op Dent* 28(2):114-121;2003.
- 22. Al-Qunaian TA, Matis BA, Cochran MA. *In Vivo* Kinetics of Bleaching Gel with Three Percent Hydrogen Peroxide Within the First Hour. *Op Dent* 28(3):236-241;2003.
- 23. Matis BA. Tray Whitening: What the Evidence Shows. Compendium 24(4A);354-362;2003.
- 24. Shethri SA, Matis BA, Cochran MA, Zekonis R, Stropes M. A Clinical Evaluation of Two In-office Bleaching Products. *Op Dent* 28(5):488-495;2003.
- 25. Matis BA, Cochran MA, Carlson TJ, Guba C, Eckert GJ. A Three-year Clinical Evaluation of Two Dentin Bonding Agents. *J Am Dent Assoc* 135(4):451-457;2004
- 26. Sa, LT, Gonzalez-Cabazas C, Cochran MA, Fontana M, Matis BA, Moore BK. Fluoride Releasing Materials: Their Anti-cariogenic Properties Tested in *In Vitro* Caries Model. *Operative Dentistry* 29(5):524-31;2004.
- 27. Analoui M, Papkosta E, Cochran M, Matis B. Designing Visually Optimal Shade Guides. J Prosthet Dent 92(4):371-376;2004.
- 28. Fugaro JO, Nordahl I, Fugaro OJ, Matis BA, Mjor IA. Pulp Reaction to Vital Bleaching. *Op Dent* 29(4):363-68;2004.
- 29. Matis BA. Bleaching Agents. J Am Dent Assoc 135(5);556-558;2004.
- 30. Matis BA, Cochran MA, Wang G, Franco M, Eckert GJ, Carlotti RJ, Bryan C. A Clinical Evaluation of Bleaching Using Whitening Wraps and Strips. *Op Dent* 30(5):588-592;2005.
- 31. Matis BA. Commentary on Effect on Enamel Microhardness of Two Consumer-available Bleaching Solutions. *J Esthet Rest Dent* 17(6):350;2005.
- 32. Fugaro OJ, Fugaro JO, Matis B, Gregory RL, Cochran MA, Mjor I. The Dental Pulp: Inflammatory Markers and Vital Bleaching. *Am J Dent* 18(4):229-232;2005.
- 33. Choi K, Oshida Y, Platt JA, Cochran MA, Matis BA, Yi K. Microtensile Bond Strength of Glass Ionomer Cements to Artificially Created Carious Dentin. *Op Dent* 31(5):590-597;2006.

- 34. Matis BA, Wang Y, Eckert GJ, Cochran MA, Jiang T. Extended Bleaching of Tetracycline-Stained Teeth: A 5-Year Study. *Op Dent* 31(6):643-651;2006.
- 35. Matis BA. Dental Bleaching Part 1. *Clinica* 3(3):216-218;2007.
- 36. Matis BA, Cochran MA, Franco M, Al-Ammar W, Eckert GJ, Stropes M. Eight In-office Tooth Whitening Systems Evaluated In Vivo: A Pilot Study. *Op Dent* 32(4):322-327;2007.
- 37. Metz MJ, Cochran MA, Matis BA, Gonzalez C, Platt JA, Lund MR. Clinical Evaluation of 15% Carbamide Peroxide on the Surface Microhardness and Shear Bond Strength of Human Enamel. *Op Dent* 32(5):427-436;2007
- 38. Matis BA, Cochran MA, Eckert GJ, Matis JI. In Vivo Study of Two Carbamide Peroxide Gels with Different Desensitizing Agents. *Op Dent* 32(6):549-555;2007.
- 39. Cadenaro M, Breschi L, Nucci C, Antoniolli F, Visintini E, Prati C, Matis BA, Di Lenarda R. Effect of Two In-office Whitening Agents on the Enamel Surface In Vivo: A Morphological and Noncontact Profilometric Study. *Op Dent* 33(2):127-134;2008.
- 40. Thneibat A, Fontana M, Cochran MA, Gonzalez-Cebezas C. Moore BK, Matis BA, Lund MR. Anticariogenic and Antibacterial Properties of a Copper Varnish Using an In Vitro Microbial Caries Model. *Op Dent* 33(2);142-148;2008.
- 41. Yu H, Hussain M, Li, Q, Matis B, Wang Y. A Simple Technique to Fabricate a Positioning Template for Portable Colorimeters. *Chinese JDR* 11(2):120-124;2008.
- 42. Matis BA, Cochran MA, Wang G, Eckert G. A Clinical Evaluation of Two In-Office Bleaching Regiments With and Without Tray Bleaching. *Op Dent* 34(2):142-149;2009.
- 43. Matis BA, Cochran MA, Eckert G. Review of Effectiveness of Various Tooth Whitening Systems. *Op Dent* 34(2):230-235;2009.
- 44. Cho SD, Bulpakdi P, Matis BA, Platt JA. Effect of Bleaching on Fracture Toughness or Resin Composites. *Op Dent* 34(6):703-708;2009.
- 45. Cadenaro M, Mavarra C, Mazzoni A, Nucci C, Matis BA, Di Lenarda R, Breschi L. An In Vivo Study of the Effect of a 38 percent Hydrogen Peroxide In-office Whitening Agent on Enamel. J am Dent Assoc 141(5):449-454;2010.
- 46. Engle K, Hara AT, Matis B, Eckert GJ, Zero DT. Erosion and Abrasion of Enamel and Dentin Associated with At-home Bleaching: An In Vitro Study. *J Am Dent Assoc* 141:546-551;2010.
- 47. Matis, B. Commentary. One-year clinical evaluation of the Efficacy of a New Daytime At-home Bleaching Technique. *J Esthet Restor Dent* 22(2):147-148;2010.
- 48. Cadenaro, M, Breschi L, Matis BA. Letter to the Editor. J Am Dent Assoc 141(9):1051-1052;2010.
- 49. Matis BA. Commentary. Nightguard Vital Bleaching: Side Effects and Patient Satisfaction 10-17 Years Post-treatment. *J Esthet Restor Dent* 24(3):220;2012
- 50. Matis BA, Lund M: Hand Instrumentation. Oper Dent 37(5):445-447;2012.
- 51. Matis BA, Matis JI, WangY, Monteiro S, Al-Qunaian TA, Millard R: Labelled vs Actual Concentration of Bleaching Agents. *Oper Dent* 38(3):334-343;2013.

- 52. Cho S, Rajitrangson P, Matis BA, Platt JA: Effect of Er, Cr: YSGG Laser, Air Abrasion and Silane Application on Repaired Shear Bond Strength of Composites. *Oper Dent* 38(3):E1-9;2013.
- 53. Mahesuti A, Duan YL, Wang G, Cheng XR, Matis BA: Short-term Efficacy of Agents Containing KNO3 or CPP-ACP in Treatment of Dentin Hypersensitivity. *Chin J Dent Res* 17(1):43-47;2014.
- 54. Matis BA, Wang G, Matis JI, Cook NB, Eckert GJ: White Diet: Is it necessary During Tooth Whitening? *Oper Dent* 40(3):235-240;2015
- 55. Wang Y, Gao J, Jiang T, Liang S, Zhou Y, Matis BA: Evaluation of the Efficacy of Potassium Nitrate and Sodium Fluoride as Desensitizing Agents During Tooth Bleaching Treatment—A Systematic Review and Meta-analysis. *J Dent* 43(8)913-923;2015.

NONREFEREED JOURNALS:

- 1. Matis BA: Pit and Fissure Sealants in Young Adults: An Evaluation of Placement Time and Retention Rate Using Two Isolation Techniques. Masters Thesis, Indiana University School of Dentistry, 1983.
- 2. Sim CPC, Matis BA. Bleaching of the Discolored Dentition. Dental Asia. 10-17 November 2002.
- 3. Matis BA: Commentary on Evaluation of Side Effects of Patients' Perceptions During Tooth Bleaching. *J Esthet Rest Dent* 19(6):365-366; 2007.

PROFESSIONAL SERVICE:

REFEREED JOURNALS

- 1. Christen AG and Matis BA: Use of Pit and Fissure Sealants by Indiana Dentists and Auxiliaries: Status Report. *J Ind Den Assoc* 63(2):23-24;1984.
- 2. Overton D, Burgess JO, Beck B, and Matis BA: Glutaraldehyde Test Kits: Evaluation for Accuracy and Range. *Gen Dent* 37(2):126-128;1989.
- 3. Foreman F and Matis BA: Sealant Retention Rates of Dental Hygienists and Dental Technicians Using Differing Training Protocols. *Pediatr Dent* 14(3):189-90;1992.

NON REFEREED JOURNALS

- 1. McIlwain J, Matis BA and Christen AG: Pre- and Postnatal Dental Counseling. *Medical Service Digest* 30(2):28-31;1979.
- 2. Matis BA: Mouthguards in Athletics. *Medical Service Digest* 30:13-17;1979.
- 3. Matis BA, Smith BJ, Powell JM, Crigger LP, and Young JM: Ultrasonic Cleaners. *Aeromedical Review* 1-82, School of Aerospace Medicine, Brooks AFB, TX, March 1982.
- 4. Park KK, Matis BA, and Christen AG: Choosing an Effective Toothbrush-A Risky Venture. *Clinical Preventive Dentistry* 7(4):5-10;1985.

- 5. Matis BA: The Implementation of Pit and Fissure Sealants. *University of Texas Health Science Center Dental School Quarterly* (2):7-10;1987.
- 6. King A and Matis BA: Infection Control of In-office Dental Laboratories. *Dental Clinics of North America* 35(2):415-426;1991.
- 7. Cochran MA, Carlson TJ and Matis BA: Glass Ionomer and Resin-Ionomer Hybrid Restorations. *Supplement for Continuing Education* 1(12):1-8;1994.
- 8. Birnbaum, C (contributing comments Matis, B) A Brighter, Whiter Smile. Allure Sept:154:156; 2003.
- 9. Craig GG, Knight G, Clausen G, Hunter K, Chambers B, Matis B. Tray Whitening: Fine Tuning the Technique Using Newer Findings. *Dental Outlook* 2(2):35-48;2003.
- 10. Matis, BA. House Call: What's Behind That Bright Smile. Indiana Alumni Magazine 66(3):10;2004.
- 11. Matis, BA. Commentary in Compendium 25(1):8,2004.
- 12. Matis, BA. Letter to the Editor, Journal of the American Dental Association 135:556-7;2004.

January 20, 2017 Date	Signature	—