

## CURRICULUM VITAE

### VINCENT GEORGE KOKICH

**Birthdate:** September 17, 1944

#### Education

University of Puget Sound	1966	B.S.	Biology
University of Washington	1971	D.D.S.	Dentistry
University of Washington	1974	M.S.D.	Orthodontics

#### Private Practice

Tacoma, Washington 1974-present

#### Faculty Appointments

Univ of Washington	Orthodontics	Research Associate	1974-77
Univ of Washington	Orthodontics	Research Assistant Professor	1977-79
Univ of Washington	Orthodontics	Assistant Professor	1979-81
Univ of Washington	Orthodontics	Associate Professor	1981-86
Univ of Washington	Orthodontics	Director of Research	1985-97
Univ of Washington	Orthodontics	Professor	1986-

#### Hospital Appointments

Veteran's Administration Hospital, Palo Alto, California

Dental Intern 1971-72

Madigan Army Hospital, Tacoma, Washington

Consulting Staff 1975-1985

Mary Bridge Children's Hospital, Tacoma, Washington

Consulting Staff 1975-

#### Memberships and Offices

American Academy of Esthetic Dentistry

American Association of Dental Research

American Association of Orthodontists

American Association of University Professors

American Cleft Palate Association

American Dental Association

College of Diplomates of American Board of Orthodontics  
Edward H. Angle Society of Orthodontists  
International Association of Dental Research  
Pacific Coast Society of Orthodontists  
Pierce County Dental Society  
Washington State Association of Orthodontists  
Washington State Dental Association

### **Professional Service**

President, American Academy of Esthetic Dentistry (1998-1999)  
President, American Board of Orthodontics (2000-2001)  
Associate Editor, The Angle Orthodontist (1992 - present)  
Associate Editor, Practical Reviews in Orthodontics (1988-present)  
Associate Editor, American Journal of Orthodontics and Dentofacial Orthopedics(1999-  
pres)  
Associate Editor, Bulletin, Pacific Coast Society of Orthodontists (1978-1986)  
Editorial Board, Journal of Esthetic Dentistry (1990 - present)  
Editorial Board, Seminars in Orthodontics (1994 - present)  
Editorial Board, Clinical Orthodontics and Research (1998 - present)  
Editorial Board, The British Journal of Orthodontics (1999 - 2004)  
Editorial Board, Dental Traumatology (2000 – present)  
Editorial Board, Australian Orthodontic Journal (2003-present)  
Editorial Board, Journal of the American Dental Association (2005 – present)

### **Honor Societies**

Omicron Kappa Upsilon (Academic), 1971  
Sigma Xi (Science), 1983

### **Awards**

Dean's List, University of Washington, 1968-71  
Alpha Omega Valedictorian Award, 1971  
American Academy of Periodontics Student Award, 1971  
Washington State Dental Association Award, 1971  
Sicher Research Award, 1975  
Outstanding Young Men of America Award, 1980  
Diplomate of the American Board of Orthodontics, 1983  
Who's Who in the West, 1989-90  
Who's Who in America, 1990-91  
Strang Award, 1994  
Salzmann Award, 1996  
Fellow, American College of Dentists, 1998  
Burstone Award, 1998  
Schluger Award, 2000  
Fellow, Royal College of Surgeons of England, 2000  
Annual Session Honoree, Pacific Coast Society of Orthodontists, 2000  
Honorary Membership, British Orthodontic Society, 2000

Mershon Award, 2001  
 2001 Prize of the Associated Orthodontic Journals of Europe  
 Dewel Award, 2002 (Best clinical article in AJODO in 2001)  
 Kaplan Visiting Professor-University of Florida-March 2004  
 AAED Award for Teaching Excellence (2004)  
 University of Washington Distinguished Dental Alumnus (2005)  
 Fellow, Royal College of Surgeons of Edinburgh, 2005  
 Honorary Membership, Polish Orthodontic Society, 2005  
 Association Trends Bronze Award for Education Programs, 2005

**Honors (Named Lectures Given)**

1990 McIntyre Memorial Lecturer	1998 Law-Lewis Memorial Lecturer
1993 Wendell L. Wylie Memorial Lecturer	1998 Charles Burstone Lecturer
1993 Joe D. Peak Memorial Lecturer	1998 L. Leverne Merrifield Lecturer
1994 Jarabak Memorial Lecturer	1999 Alton W. Moore Lecturer
1994 Jerome S. Cullen Memorial Lecturer	2000 Cecil Steiner Memorial Lecturer
1996 Jacob Salzmann Memorial Lecturer	2000 Paul Rondeau Memorial Lecture
1996 Robert Strang Memorial Lecturer	2000 Robert Moyers' Lecture
1996 Sherril Ann Siegel Memorial Lecturer	2000 Arthur Thornton Taylor Lecture
1996 Goldblat Memorial Lecturer	2000 Beverly Bane Memorial Lecturer
1997 Jarabak Memorial Lecturer	2000 Joe D. Peak Memorial Lecturer
1997 Maynard K. Hine Lecturer	2000 President's Lecturer, PCSO
2001 Robert S. Freeman Lecturer	2001 John Valentine Mershon Lecture
2002 Fred K. West Memorial Lecturer	2002 Wade Memorial Lecturer
2003 Creekmore-Schudy Memorial Lecturer	2003 R.R.McIntyre Memorial Lecture
2004 Robert Strang Memorial Lecturer	2005 Ernest Jones Memorial Lecturer
2005 Wendell Wylie Memorial Lecturer	2005 WFO World Champion Lecture
2005 Earl Henry Memorial Lecturer	2006 Edward Hartley Angle Lecture
2006 IOS Oration Lecture (Indian Ortho Soc)	2007 John Valentine Mershon Lecture
2008 14 <sup>th</sup> Annual Handelman Lecturer	2008 John Cunat Lecturer

**Publications**

**Book Chapters**

1. Kokich VG, Shapiro PA, Moffett BC and Retzlaff E. Craniofacial Sutures. In: Aging in Nonhuman Primates. D Bowden, Ed. Van Nostrand Reinhold Company, New York, pp. 356-368, 1979.
2. Shapiro PA and VG Kokich. The Rationale for Various Modes of Retention. In: Dental Clinics of North America. R Nanda, Ed. 25 (1) pp 177-193, 1981.
3. Kokich VG, Fields HW, Metzner L, Garol JD. Craniofacial Development in Anencephaly: A Morphologic and Histologic Evaluation. In: Advances in the Study of Birth Defects, T.V.N. Persaud, Ed. MTP Press Limited, England, pp 47-74, 1981.

4. Kokich VG and PA Shapiro. The Effects of LeForte I Osteotomies on the Craniofacial Growth of Juvenile Macaca Nemestrina. In: The Effect of Surgical Intervention on Craniofacial Growth. JA McNamara, Jr, DS Carlson and KA Ribbens, Eds. Monograph 12, Craniofacial Growth Series, Center for Human Growth and Development, University of Michigan, Ann Arbor, pp. 131-141, 1982.
5. Kokich VG. The Biology of Sutures. In: Craniosynostosis. MM Cohen, Jr, Ed. Raven Press, New York, pp. 81-103, 1986.
6. Shapiro PA and VG Kokich. The Uses of Implants in Orthodontics. In: Dental Clinics of North America. E McNulty, Ed. pp. 539-550, 1989
7. Kokich VG. Enhancing Restorative, Esthetic and Periodontal Results with Orthodontic Therapy. In: Periodontal Therapy. S Schluger, R Yuodelis, R Page, R Johnson, Eds. Lea and Febiger, Philadelphia, pp. 433-460, 1990
8. Kokich VG. Sutural Response to Orthopedic Forces. In: Bone Biodynamics in Orthodontic and Orthopedic Treatment. J.A. McNamara, Ed. Volume 27, Craniofacial Growth Series, Center for Human Growth and Development, University of Michigan, Ann Arbor, 1992.
9. Kokich VG and D Mathews. Surgical-orthodontic management of impacted teeth. In: Dental Clinics of North America, K. Koerner, Ed., 37:181-204, 1993
10. Chiche G, Kokich V, Caudill, R. Diagnosis and treatment planning of esthetic problems In: Esthetics in Fixed Prosthodontics, Ed. A. Pinault and G. Chiche, Quintessence, pp. 33-52, 1994
11. Kokich, VG and Mathews, DA Impacted teeth: Orthodontic and surgical considerations, IN: Orthodontics and Dentofacial Orthopedics, Ed. JA McNamara, Jr, Needham Press, Inc. Ann Arbor, Michigan, pp.395-422, 2001
12. Kokich, VG. Comprehensive management of implant anchorage in the multidisciplinary patient. IN: Orthodontic Applications of Osseointegrated Implants, Ed. K Higuchi, Quintessence, pps. 21-32, 2000
13. Kokich, VG Managing orthodontic-restorative treatment for the adolescent patient, IN: Orthodontics and Dentofacial Orthopedics, Ed. JA McNamara, Jr., Needham Press, Inc., Ann Arbor, Michigan, pp.395-422, 2001
14. Kokich, VG, Spear, FM, Kokich, VO. Maximizing anterior esthetics: An interdisciplinary approach, In: Frontiers in dental and facial esthetics, JA McNamara, Ed., Craniofacial Growth Series, Center for Human Growth and Development, Needham Press, University of Michigan, Ann Arbor, Michigan 2001

15. Kokich, VG. The role of orthodontics as an adjunct to periodontal therapy. In: Clinical Periodontology, 9<sup>th</sup> Edition, Carranza,FA, Newman, MG, Takei, HH, Eds. Chapter 53, pps. 704-718, Mosby, St. Louis, 2002
16. Kokich, VG and Kokich, VO. Orthodontic therapy for the Periodontal-Restorative Patient. In Periodontics: Medicine, Surgery, and Implants. L Rose, B Mealey, R Genco, D Cohen Eds. Mosby-Elsevier, St. Louis, Missouri. Chap 28, pps. 718-744, 2004
17. Kokich, VG and Kokich, VO. Interrelationship of orthodontics with periodontics and restorative dentistry. In Biomechanics and Esthetic Strategies in Clinical Orthodontics, R. Nanda, Ed. Elsevier Press, St. Louis, Missouri. Chap 18, pps. 348-373, 2005
18. Kokich, VG. Adjunctive role of orthodontic therapy. In: Clinical Periodontology, 10<sup>th</sup> Edition, , Newman, MG, Takei, HH, Klokkevold, PR Carranza,FA Eds. Saunders - Elsevier, St. Louis, Missouri, Chap 57, pps. 856-870, 2006
19. Kokich, VG and Spear FM. A multidisciplinary approach to esthetic dentistry. Dental Clinics of North America. Calamia J, Wolff M, Simonsen R. Eds. Saunders – Elsevier, St. Louis, Missouri, 51:487-505, 2007
20. Kokich VG. Altering vertical dimension in the perio-restorative patient: The orthodontic possibilities, In: Advanced Treatment Planning and Total Case Management, Cohen, M. Ed. Quintessence Publishing, Coal Stream, Illinois, Chapter 2, pps. 49-80, 2008
21. Kokich VG. Optimizing esthetics for the interdisciplinary patient. Textbook honoring Ram Nanda, Elsevier Publishing, IN PRESS

### **Scientific Articles**

1. Kokich VG: Age changes in the human frontozygomatic suture. Am J Orthod 69:411-430, 1976.
2. Kokich VG: The facial sutures and maxillofacial orthopedics. PCSO Bulletin 50: 40-42, 1976.
3. Fields HW, Metzner L, Garol JD and Kokich, VG: The craniofacial skeleton in anencephalic human fetuses. Part I - Cranial Floor. Teratology 1:57-65, 1978.
4. Garol JD, Fields HW, Metzner L and Kokich VG: The craniofacial skeleton in anencephalic human fetuses. Part II - Calvarium. Teratology 1:67-73, 1978.
5. Metzner L, Garol JD, Fields HW and Kokich VG: The craniofacial skeleton in anencephalic human fetuses. Part III - Facial Skeleton. Teratology 1:75-82, 1978.
6. Severson JA, Moffett BC, Kokich VG and Selipsky H: A histologic study of age

- changes in the adult human periodontal joint (ligament). J Periodont.4(49):189-200, 1978.
7. Jackson GW, Kokich VG and Shapiro PA: Experimental and postexperimental response to anteriorly directed extraoral force in young Macaca nemestrina. Am J Orthod 76:318-333, 1979.
  8. Brandt HC, Shapiro PA and Kokich VG: Experimental and postexperimental effects of posteriorly directed extraoral traction in adult Macaca fascicularis. Am J Orthod 75:301-317, 1979.
  9. Mabbutt L and Kokich VG: The effects of calvariectomy on the subsequent redevelopment of the sutures and calvarium in neonatal rabbits. J Anat 129:413-422, 1979.
  10. Mabbutt L, Kokich VG, Moffett, B and Loeser J: Subtotal neonatal calvariectomy --a radiographic and histologic study in rabbits. J Neurosurg 51:691-696, 1979.
  11. Yip J, Kokich VG and Shepard T: The effect of high doses of retinoic acid on prenatal craniofacial development in Macaca nemestrina. Teratology 21: 29-38, 1980.
  12. Woon KC, Kokich VG, Clarren S and Cohen MM, Jr: A new syndrome with craniosynostosis in a pair of twins: a morphologic and histologic study of the calvaria and cranial base. Teratology 22: 23-35, 1980.
  13. Guyman G, Kokich VG and Oswald R: Ankylosed teeth as abutments for palatal expansion in the rhesus monkey. Am J Orthod 77:486-499, 1980.
  14. Foley WJ and Kokich VG: The effects of mechanical immobilization on sutural development in the growing rabbit. J Neurosurg 53: 794-801, 1980.
  15. Lemire RJ, Cohen MM Jr, Beckwith JG, Kokich VG and Siebert JR: The facial features of holoprosencephaly in anencephalic human specimens. I. Historical review and associated malformations. Teratology 23: 297-303, 1981.
  16. Siebert JR, Kokich VG, Beckwith JG, Cohen MM Jr and Lemire RJ: The facial features of holoprosencephaly in anencephalic human specimens. II. Craniofacial anatomy. Teratology 23: 297-303, 1981.
  17. Shapiro PA, Kokich VG, Hohl TH, and Loe C: The effects of early Le Fort I osteotomies on craniofacial growth in juvenile Macaca nemestrina. Am J Orthod 79:492-499, 1981.
  18. Mossaz CF and Kokich VG: Redevelopment of the calvaria following partial craniectomy in growing rabbits: The effect of altering dural continuity. Acta Anat 109:321-331, 1981.

19. Kokich VG, Moffett BC, and Cohen MM Jr: The cloverleaf skull anomaly: An anatomic and histologic study of two specimens. Cleft Palate J 19:89-99, 1982.
20. Jennings M, Clarren S, Kokich V and Alvord E: Neuroanatomic examination of spina bifida aperta and the Arnold-Chiari malformation in the 130-day human fetus. J Neurolog Sci 54:325-328, 1982.
21. Kokich VG and Shapiro PA: The rationale for various modes of retention -- how to help stabilize a corrected malocclusion. Oral Health 72: 77-84, 1982.
22. Kokich VG, Ngim CH, Siebert JR, Clarren S and Cohen MM Jr: Cyclopia: An anatomic and histologic study of two specimens. Teratology 26:105-113, 1983.
23. Nappen D and Kokich V: Experimental craniosynostosis in growing rabbits: The role of the periosteum. J Neurosurg. 58:101-109, 1983.
24. Shapiro PA and Kokich VG: Treatment alternatives for children with severe maxillary hypoplasia. Eur J Orthod 6:141-147, 1984.
25. Kokich VG and Shapiro PA: Extraction of a mandibular incisor to facilitate orthodontic treatment. Angle Orthod 54:139-153, 1984.
26. Kokich V, Nappen, D and Shapiro P: Gingival contour and clinical crown length: Their effects on the esthetic appearance of maxillary anterior teeth. Am J Orthod 86:89-94, 1984.
27. Shapiro PA and Kokich VG: Extraction of a mandibular incisor to facilitate treatment. Oral Health 74:21-28, 1984.
28. Inouye R, Kokich V, Clarren S and Bowden D: Fetal alcohol syndrome: An examination of craniofacial dysmorphism in Macaca nemestrina. J Med Primatol 14:35-48, 1985.
29. Wolf GR, Koskinen-Moffett L and Kokich VG: Migration of the craniofacial periosteum in growing guinea pigs. Part I. Periosteal migration during growth. J Anat 140:245-258, 1985.
30. Wolf GR, Koskinen-Moffett L and Kokich VG: Migration of craniofacial periosteum in guinea pigs with unilateral masticatory muscle paralysis. J Anat 140:259-268, 1985.
31. Nash S and Kokich, VG: An evaluation of cranial bone-suture autotransplants in the growing rabbit. Acta Anat 123:39-44, 1985.
32. Kokich VG, Shapiro PA and Oswald R, Koskinen-Moffett, L and Clarren, S: Ankylosed teeth as abutments for maxillary protraction. Am J Orthod 88:303-311, 1985.

33. Årtun J, Osterberg S and Kokich V: Long-term effect of thin interdental alveolar bone on periodontal health after orthodontic treatment. J Periodontol 57:341-346, 1986.
34. Agronin K and Kokich V: Translation of the glenoid fossa: A cephalometric evaluation during craniofacial development. Am J Orthod Dentofac Orthop 91:42-48, 1987.
35. Årtun J, Kokich V and Osterberg, S: Long-term effect of root proximity on periodontal health after orthodontic treatment. Am J Orthod Dentofac Orthop 91:125-130, 1987.
36. Siebert J, Kokich V, Warkany J, Lemire R: The craniofacial anatomy of atelencephaly: Morphologic comparisons with holoprosencephaly and anencephaly. Teratology. 35:5-12, 1987.
37. Smalley W, Shapiro P, Hohl T, Kokich V and Branemark, PI: Osseointegrated implants as abutments for maxillary protraction. Am J Orthod Dentofac Orthop 94:285-295, 1988.
38. Denison T, Kokich VG and Shapiro PA: Stability of maxillary surgery in openbite versus non-openbite malocclusions. Angle Orthod 59:5-10, 1989.
39. Huang G, Kokich V, Justus R and Kennedy D: Stability of anterior openbite treated with crib therapy. Angle Orthod 60:17-24, 1990.
40. Kokich, V: Anterior dental esthetics: An orthodontic perspective I. Crown length. J. Esthet. Dent. 5:19-23, 1993.
41. Kokich, V. Anterior dental esthetics: An orthodontic perspective II. Vertical relationships. J. Esthet. Dent. 5:174-178, 1993
42. Kokich, V: Anterior dental esthetics: An orthodontic perspective III. Mediolateral relationships. J. Esthet. Dent. 5:200-207, 1993
43. Ostler, MS and Kokich, VG: Alveolar ridge changes in patients congenitally missing mandibular second premolars. J. Prosthet. Dent. 71:144-149, 1994.
44. Kokich, VG: Implants as anchorage for orthopedic movement. Inform. Orthod. Kieferorthop. 1:17-30, 1994.
45. Kokich, VG: Using implants to facilitate orthodontic movement. Inform. Orthod. Kieferorthop. 1:31-43, 1994.
46. Kokich, VG: Single-tooth implants in young orthodontic patients. Inform. Orthod. Kieferorthop. 1:45-62, 1994.
47. Vermette, M, Kokich, VG, Kennedy, D: Uncovering maxillary labial impactions.

- Apically positioned flap versus closed eruption. Angle Orthod.65:23-4. 1995.
48. Kokich, VG: Managing complex orthodontic problems. The use of implants for anchorage, Seminars in Orthod Dentofac Orthop 2:1-8, 1996.
  49. Kokich, VG: Esthetics: The ortho-perio-restorative connection, Seminars in Orthod Dentofac Orthop. 2:21-30, 1996.
  50. Mathews, DM and Kokich, VG: Managing treatment for the orthodontic patient with periodontal problems. Seminars in Orthod Dentofac Orthop. 3:21-38, 1997
  51. Spear F, Mathews, DM and Kokich VG: Interdisciplinary management of single-tooth implants. Seminars in Orthod Dentofac Orthop. 3:45-72, 1997
  52. Kokich, VG and Spear F: Guidelines for treating the orthodontic-restorative patient. Seminars in Orthod Dentofac Orthop. 3:3-20, 1997
  53. Kokich, VG: Checklist for orthodontic finishing, J Southeast Soc Ped Dent, 3: 52, 1997
  54. Kokich, VG: Esthetics and vertical tooth position: The orthodontic possibilities, Compendium Cont Ed Dent, 18: 1225-31, 1997
  55. Casco, J., Vaden, J., Kokich, V., et al : American Board of Orthodontics Objective Grading System for Dental Casts and Panoramic Radiographs, Am J Orthod Dentofac Orthop, 114: 589-599, 1998
  56. Kurth, J, and Kokich, V: Open gingival embrasures after orthodontic treatment in adults: Prevalence and etiology. Am J Orthod and Dentofacial Orthop. 120:116-23, 2001
  57. Vaden, J and Kokich, VG, American Board of Orthodontics: Past, Present, and Future, Am J Orthod Dentofac Orthop, 117:530-532,2000
  58. Savage, R and Kokich, V. Restoration and retention of maxillary anterior teeth with severe root resorption. J. Amer Dent Assoc. 133:67-71, 2002
  59. Kokich, VG. Excellence in finishing: Modifications for the perio-restorative patient. Semin Orthod. 9:184-203, 2003
  60. Kokich, VG. Surgical and orthodontic management of impacted maxillary canines”, Am J Orthod and Dentofac Orthop, 126:278-283, 2004
  61. Kokich, VG. Maxillary lateral incisor implants: Planning with the aid of orthodontics”, J Oral Maxillofac Surg, 62:48-56, 2004

62. Kokich, VG. The esthetic correction of anterior dental malalignment: Conventional versus instant (restorative) orthodontics”, Commentary: *J Esthet Restor Dent*, 16:163-164, 2004
63. Kokich, VG. Adult orthodontics in the 21<sup>st</sup> century: Guidelines for achieving successful results. *World J Orthod*. 6(Suppl):14-23, 2005
64. Kokich, VG. Surgical and orthodontic management of impacted maxillary canines. *Rev Mex Ortod*. 8(1):8-13, 2005
65. Spear F, Kokich V, Mathews D. Interdisciplinary management of a patient with a skeletal deformity. *Adv Esthet and Interdisc Dent*. 1(2): 12-18, 2005
66. Kokich V, Spear F, Mathews D. Inheriting the unhappy patient: An interdisciplinary case report. *Adv Esthet and Interdisc Dent*. 1(3): 12-22, 2005
67. Spear F, Kokich VG, Mathews D. Interdisciplinary management of anterior dental esthetics. *J Am Dent Assoc*. 137:160-169, 2006
68. Kokich V. and Crabill K. Early treatment: Managing the patient with missing or malformed maxillary central incisors. *Am J Orthod Dentofac Orthop*. 129:S55-63, 2006
69. Kokich MK and Kokich VG. Effective teaching: The art of engagement. Part 1. *J Orthod*. 33:125-132, 2006
70. Kokich MK and Kokich VG. Effective teaching: The art of engagement. Part 2. *J Orthod*. 33:213-219. 2006
71. Kokich VO, Kokich VG, Kiyak A. Perception of dental professionals and laypersons to altered dental esthetics: Asymmetric and symmetric situations. *Am J Orthod Dentofac Orthop*. 130:141-151, 2006
72. Kokich VG and Kokich VO. Congenitally missing mandibular second premolars: Clinical options. *Am J Orthod Dentofac Orthop*. 130:437-44, 2006
73. Kokich VG. Maxillary lateral incisor implants: The orthodontic perspective. *Adv Esthet and Interdisc Dent*. 2(2):2-7, 2006
74. Kokich VG, Spear FM, Mathews, DP. Mandibular incisor intrusion: An adjunct to restoring short abraded anterior teeth. *Adv Esthet and Interdisc Dent*. 2(4):23-28, 2006
75. Heij D, Opdebeeck H, van Steenberghe D, Kokich V, Belser U, Quirynen M: Facial development, continuous tooth eruption and mesial drift as compromising factors for implant placement. *Int J Oral Maxillofac Implants*, Nov-Dec; 21(6): 867-78, 2006

76. Schmidt, A and Kokich, V. Periodontal response to early uncovering, autonomous eruption, and orthodontic alignment of palatally impacted maxillary canines”, Am J Orthod and Dentofac Orthop, 131:449-55, 2007
77. Fudalej, P, Kokich, V, and Leroux, B: Determining the cessation of vertical growth of the craniofacial structures to facilitate placement of single-tooth implants, Am J Orthod Dentofac Orthop, 131 (Suppl): 59-67, 2007
78. Kokich, VG and Kokich, VO. Options for managing the patient with congenitally missing mandibular second premolars. Adv Esthet Interdisc Dent. 3(2):2-12, 2007
79. Kokich, VG and Spear FM. Interdisciplinary management of anterior guidance: A case report. Adv Esthet Interdisc Dent. 3(3):17-24, 2007
80. Bellamy L, Kokich V, Weissman J. Orthodontic intrusion of abraded incisors to facilitate restoration: Effects on alveolar bone level and root length. J Am Dent Assoc. 139(6): 725-33, 2008
81. Spear F, Kokich VG, and Mathews D. The esthetic management of a severe isolated periodontal defect in the maxillary anterior. Compend Contin Ed Dent. 29(5): 280-87, 2008
82. Kokich, V. Orthodontic and nonorthodontic root resorption: Their impact on clinical dental practice. J Ed Dent. 72(8):895-902, 2008
83. Drangsholt, R and Kokich, VG: Treatment alternatives for missing maxillary lateral incisors: An esthetic, functional, and periodontal comparison, Angle Orthod, IN PRESS
84. Sandler, J, Dwyer J, Kokich, VG, et al. A study to compare the quality of clinical photographs taken by orthodontists, professional photographers, and orthodontic auxiliaries, Am J Orthod Dentofac Orthop, IN PRESS
85. Witt, D and Kokich, V: Long-term stability of increasing lower anterior facial height with mandibular sagittal osteotomies. Angle Orthod. IN PRESS

#### **Scientific Articles Published in Foreign Journals**

1. Kokich, VG. Implantate zur orthodontischen Verankerung und prothetischen Versorgung – Aspekte der interdisziplinären Zusammenarbeit, Kieferorthop, 14:279-290. 2000
2. Kokich, VG. Implantes de incisivo lateral superior: Planificacion con ayuda de la Ortodoncia. Rev Sep Ortod, 35:103-114, 2005

3. Kokich, VG. Implantes incisivos laterals superiores: su Planificacion con la ayuda de la Ortodoncia. Rev Ateneo Argen de Odontol. XLV (1):17-25, 2006
4. Kokich, VG. Manejo quirurgico y ortodoncico de los caninos superiores retenidos. Rev Ateneo Argen de Odontol. XLV (2): 41-46, 2006
5. Kokich VG, Kokich VO. Empfehlungen zur interdisziplinaren Zusammenarbeit von Kieferorthopade, Parodontologe und Prothetiker. Inf Orthod Kieferorthop, 38: 59-82, 2006
6. Kokich VG, Spear FM, Mathews DP. Interdisziplinare Behandlungsplanung: Am Anfang steht die Asthetik. Inf Orthod Kieferorthop 38: 211-220, 2006
7. Kokich VG, Mathews DP. Die kieferorthopadische Behandlung erwachsener Patienten mit Parodontopathien. Inf Orthod Kieferorthop 38: 221-235, 2006
8. Kokich VG, Kokich VO. Asthetische Korrekturen im Frontzahnbereich – Teil 1: Wann and warum? Inf Orthod Kieferorthop 38: 236-246, 2006
9. Kokich VG, Kokich VO. Asthetische Korrekturen im Frontzahnbereich – Teil 2: Welche und wie? Inf Orthod Kieferorthop 38: 247-256, 2006
10. Kokich VG. Die Kunst der Feinjustierung: Modifikationen fur den kieferorthopadisch-prothetischen Patienten. Inf Orthod Kieferorthop 38: 257-269, 2006
11. Kokich VG. Die Kieferorthopadisch-prothetische Versorgung von Patienten mit nicht vorhandenen oder fehlgebildeten mittleren Schneidezahnen im Oberkiefer. Inf Orthod Kieferorthop 38: 270-278, 2006
12. Klinische Moglichkeiten bei Nichtanlage unterer zweiter Pramolaren. Inf Orthod Kieferorthop 38: 279-287, 2006
13. Kokich VG, Mathews DP. Chirurgisch-kieferorthopadische Behandlung retinierter oberer Eckzahne. Inf Orthod Kieferorthop 38: 288-293, 2006

### **Review Articles**

1. Kokich, VG Modern orthodontics and major craniofacial anomalies. PCSO Bulletin 50:40-46, 1978.
2. Kokich, VG Clinical and theoretical aspects of headgear application. PCSO Bulletin 50:34-38, 1978.

3. Kokich, VG A cephalometric and clinical study of the use of the Minnexpander to correct posterior crossbites in adults.  
PCSO Bulletin 50:48-51, 1978.
4. Kokich, VG Treatment of anterior interocclusal tooth size discrepancies.  
PCSO Bulletin 50:52-53, 1978.
5. Kokich, VG Dental response to selected permanent tooth extraction in the mixed dentition.  
PCSO Bulletin 51:36-38, 1979.
6. Kokich, VG Early management of skeletal class II malocclusions.  
PCSO Bulletin 51:34-37, 1979.
7. Kokich, VG An ace you may need for your hand--Crozats.  
PCSO Bulletin 51:44-45, 1979.
8. Kokich, VG Slow maxillary expansion: An evaluation of the skeletal and dental responses to low magnitude forces.  
PCSO Bulletin 51:48-51, 1979.
9. Kokich, VG Differential retention with bonded retainers.  
PCSO Bulletin 51:62-65, 1979.
10. Kokich, VG The successful management of interpersonal relationships.  
PCSO Bulletin 52:56-58, 1980.
11. Kokich, VG Airway problems in orthodontics.  
PCSO Bulletin 52:38-39, 1980.
12. Kokich, VG Clinical management of the Fränkel appliance.  
PCSO Bulletin 52:45-46, 1980.
13. Kokich, VG Post-treatment stability and esthetics of orthognathic surgery.  
PCSO Bulletin 52:51-53, 1980.
14. Kokich, VG The effects of early LeForte osteotomies on growth.  
PCSO Bulletin 52:57-59, 1980.
15. Kokich, VG The temporomandibular joint: stability or adaptability.  
PCSO Bulletin 51:63-65, 1980.
16. Kokich, VG The relationship between perioral musculature and craniofacial morphology. PCSO Bulletin 52:36-39, 1980.
17. Kokich, VG Periodontal considerations during orthodontic treatment.

PCSO Bulletin 53:40-43, 1981.

18. Kokich, VG Very early interceptive treatment in severe skeletal Class II and Class III patients. PCSO Bulletin 53:41-47, 1981.
19. Kokich, VG Orthognathic surgery: physiologic and psychologic response. PCSO Bulletin 53:50-56, 1981.
20. Kokich, VG The cleft lip and palate patient: an orthodontic overview. PCSO Bulletin 53:59-63, 1981.
21. Kokich, VG Newer concepts in orthodontics. PCSO Bulletin 54:38-39, 1982.
22. Kokich, VG Lateral head plate pathology and anomalies. PCSO Bulletin 54:40-41, 1982.
23. Kokich, VG It's time to change your style of practice. PCSO Bulletin 54:40-42, 1983.
24. Kokich, VG How to maintain a consistent source of referrals. PCSO Bulletin 54:46-46, 1983.
25. Kokich, VG Lingual appliances are here to stay. PCSO Bulletin 54:55-57, 1983.
26. Kokich, VG How to enhance stability after surgical-orthodontic treatment. PCSO Bulletin 54:63-64, 1983.
27. Kokich, VG Functional appliances. PCSO Bulletin 55:60-63, 1983.
28. Kokich, VG How do functional appliances really work? PCSO Bulletin 55(4):44-47, 1983.
29. Kokich, VG Second molar extraction: Why and when. PCSO Bulletin 55(4):48-50, 1983.
30. Kokich, VG Balancing the books on class II treatment. PCSO Bulletin 56:48-51, 1984.
31. Kokich, VG Radiology in orthodontic practice. PCSO Bulletin 56:44-47, 1984.
32. Kokich, VG Physiologic response to maxillary and mandibular surgery. PCSO Bulletin 56:42-43, 1984.
33. Kokich, VG Internal derangements of the temporomandibular joint. PCSO Bulletin 56:44-47, 1984.
34. Kokich, VG Treatment of the orthodontic patient with periodontal problems.

- PCSO Bulletin 56:36-43, 1984.
35. Kokich, VG Uncomfortable doubts about the orthodontist's role in respiratory airway management. PCSO Bulletin 56:44-45, 1984.
  36. Kokich, VG A component approach to functional appliances. PCSO Bulletin 56:56-57, 1984.
  37. Kokich, VG Enhancing orthodontic results with periodontal therapy. PCSO Bulletin 56:62-65, 1984.
  38. Kokich, VG Orthopedic protraction of the maxilla. PCSO Bulletin 57:44-45, 1985
  39. Kokich, VG Treatment of Class II malocclusions with the Herbst appliance. PCSO Bulletin 57:42-43, 1985.
  40. Kokich, VG Developing an effective preventive program. PCSO Bulletin 57:44-45, 1985.
  41. Kokich, VG Delineation and treatment of TMJ Disorders. PCSO Bulletin 57(4):34-35, 1985.
  42. Kokich, VG The future of our profession: Will we have one? PCSO Bulletin 57(4):36-38, 1985.
  43. Kokich, VG The external environment and your strategic plan. PCSO Bulletin 57(4):47-48, 1985.
  44. Kokich, VG Sterilization and disinfection in the orthodontic office: A practical approach. PCSO Bulletin 57(4):55-57, 1985.
  45. Kokich, VG Infection control in the dental office. PCSO Bulletin 58(2):41-44, 1986.
  46. Kokich, VG The six-point plan for raising happy healthy children. PCSO Bulletin 58(3):50-51, 1986.
  47. Kokich, VG Clinical aspects of head and neck pain. PCSO Bulletin 58(4):35-36, 1987.
  48. Kokich, VG Impact of adult growth on orthodontic treatment. PCSO Bulletin 58(4):37-38, 1987.

### **Scientific Presentations**

1. "A morphologic and histologic study of the age changes in the human frontozygomatic suture from 20-95 Years." American Association of Orthodontists, Las Vegas, Nevada, April 1975.
2. "The facial sutures and maxillofacial orthopedics." Pacific Coast Society of Orthodontists, Vancouver, British Columbia, February 1976.
3. "Anterior tooth size discrepancies--treatment and finishing procedures" (with Dr. Peter Shapiro). American Association of Orthodontics, Anaheim, California, April 1978.
4. "A review of experimental research at the University of Washington Orthodontic Department" (with Dr. P Shapiro). University of Washington Orthodontic Alumni Association, Seattle, Washington, August 1979.
5. "The biologic rationale for current clinical concepts in orthodontics" (with Dr. P Shapiro). Rio de Janeiro, Brazil, October 1979.
6. "The diagnostic wax set-up: role for auxiliary personnel." Pacific Coast Society of Orthodontists, Seattle, Washington, January 1980.
7. "Anterior tooth size discrepancies -- treatment planning and finishing procedures" (with Dr. P Shapiro). Angle Society, Northwest Component, Portland, Oregon 1980.
8. "The biologic rationale for current clinical concepts in orthodontics" (with Dr. P Shapiro). Mexico City, Mexico, March 1980.
9. "Orthodontics and orthognathic surgery -- a combined approach to severe maxillomandibular malrelationships." Pierce County Dental Society, Tacoma, Washington, March 1980.
10. "The effects of early LeForte osteotomies on the subsequent growth and development of the craniofacial complex" (with Dr. P Shapiro). Pacific Coast Society of Orthodontists, San Francisco, California, September 1980.
11. "The effects of early LeForte osteotomies on the subsequent growth and development of the craniofacial complex" (with Dr. P Shapiro). University of Michigan Growth Symposium, Ann Arbor, Michigan, February 1981.
12. "The clinical application of biologic principles in the treatment of class II and class III malocclusions" (with Dr. P Shapiro). University of North Carolina, Chapel Hill, North Carolina, June 1981.
13. "The rationale for serial extraction during the mixed dentition." Pierce County Dental Society, Tacoma, Washington, February 1982.

14. "Clinical Orthodontic Update" (with Dr. Donald Joondeph, Dr. P Shapiro, and Dr. R William McNeill). Acapulco, Mexico, March 1982.
15. "The clinical application of biologic principles in the treatment of anteroposterior and intra-arch malrelationships" (with Dr. P Shapiro). Toronto, Canada, March 1982.
16. "Migration of the craniofacial periosteum of the guinea pig. part i: periosteal migration during growth." CROB Dental Research Conference, Seattle, Washington, May 1982.
17. "Cyclopia: A severe form of holoprosencephaly." CROB Dental Research Conference, Seattle, Washington, May 1982.
18. "Relapse vs. stability: an in-depth evaluation of research findings and clinical cases" (with Dr. P Shapiro). Kentucky Orthodontic Association Louisville, Kentucky, September 1982.
19. "Orthodontics and jaw surgery: a combined approach to severe dental arch skeletal abnormalities" Poster Presentation University of Washington Health Sciences Open House (with Dr. P Shapiro), Seattle, Washington, May, 1983.
20. "Treatment alternatives for severe maxillary hypoplasia" (with Dr. P Shapiro) European Orthodontic Society, Geneva, Switzerland, June 1983.
21. "Experimental animal research of the University of Washington, Department of Orthodontics from 1979-1983" (with Dr. P Shapiro). University of Washington Orthodontic Alumni Association , Seattle, Washington, August 1983.
22. "Relapse vs stability: A critical look at finished cases" (with Dr. P Shapiro). University of Illinois Faculty Retreat, Chicago, Illinois, September 1983.
23. "Complications following orthognathic surgery" (with Dr. P Shapiro). Loyola University, Chicago, Illinois, September 1983.
24. "Current clinical concepts in orthodontic treatment." Canadian Association of Orthodontists, Vancouver, September 1983.
25. "Integration of orthodontics and periodontics during the treatment of adult patients." Northwest Angle Society Meeting, Portland, Oregon, February 1984.
26. "Clinical Orthodontic Update" (with Drs. D Joondeph, P Shapiro and R McNeill). Acapulco, Mexico, March 1984.

27. "The application of research findings to the treatment of various types of malocclusions" (with Dr. P Shapiro). Portland Orthodontic Study and Research Group, Portland, Oregon, April 1984.
28. "Understandings of normal and abnormal human craniofacial skeletogenesis" (with Drs. Sterling Clarren, Leena Koskinen, and P Shapiro). American Cleft Palate Association Annual Meeting, Seattle, May 1984.
29. "The biologic rationale for current clinical concepts in orthodontics" (with Dr. P Shapiro), Vail, Colorado, July 1984.
30. "Management and coordination of treatment for the orthodontic patient with periodontal problems" (with Dr. David Mathews). Pacific Coast Society of Orthodontists Annual Meeting, Honolulu, Hawaii, October 1984.
31. "Surgical exposure of impacted teeth: a comparison of different techniques." department of orthodontics, University of Pacific, San Francisco, California, November 1984.
32. "American Board of Orthodontics -- Key steps to a successful presentation." Preparatory course for board certification. San Francisco, California, November 1984.
33. "New materials and techniques in orthodontics." Pierce County Dental Society. Tacoma, Washington, November 1984.
34. "The effects of surgically increasing lower facial height." Annual Northwest Angle Society, Seattle, Washington, February 1985.
35. "Clinical Orthodontic Update." (with Drs. D Joondeph, P Shapiro, and R McNeill), Zermatt, Switzerland, March 1985.
36. "Enhancing anterior esthetics by altering vertical tooth position." American Academy of Esthetic Dentistry Annual Meeting, Sun Valley, Idaho, August 1985.
37. "The effects of surgically increasing lower facial height." Biennial National Meeting, Angle Society of Orthodontists, Vancouver, British Columbia, August 1985.
38. "Treatment alternatives for children with severe maxillary hypoplasia" (with Dr. P Shapiro). IV International Congress on Cleft Palate Anomalies, Monte Carlo, Monaco, September 1985.
39. "Optimizing restorative and esthetic results through coordinated treatment" (with Dr. D Mathews). Pierce County Dental Society Meeting, Tacoma, Washington, October 1985.

40. "Optimizing restorative and esthetic results with orthodontic treatment" (with Dr. P Shapiro). Continuing Dental Education Course, Seattle, Washington, October 1985.
41. "American Board of Orthodontics: Key steps to a successful presentation." Preparatory course for board certification. San Francisco, California, April 1986.
42. "Excellence in finishing" (with Drs. P Shapiro and David Turpin). Annual Meeting of American Association of Orthodontists, Chicago, Illinois, May 1986.
43. "Enhancing restorative, periodontal, and esthetic results with orthodontic treatment" (with Dr. P Shapiro). Continuing Dental Education Course, Vancouver, B.C., July 1986.
44. "New horizons in orthodontics." BYU Academy of Dentistry, Provo, Utah, August, 1986.
45. "Improving anterior esthetics during orthodontic finishing." Annual Meeting of the Edward H. Angle Society of Northern California. Santa Barbara, California, September, 1986.
46. "Enhancing restorative, periodontal, and esthetic results with orthodontic treatment." Annual Meeting of the Mid-peninsula Dental Society, Silverado Resort, Napa, California, October, 1986.
47. "Current concepts in orthognathic surgery" (with Dr. P Shapiro). Annual Meeting of Southern Ontario Surgical-Orthodontic Study Group, Windsor, Ontario, October, 1986.
48. "Effects of orthodontics on facial form." Annual Symposium of Northwest Network for Dental Excellence, Tacoma, Washington, October, 1986.
49. "Improving anterior esthetics during orthodontic treatment." Rainier Orthodontic Study Club, Renton, Washington, November, 1986.
50. "Rationale for new and current clinical concepts in orthodontics" (with Dr. P Shapiro). European College of Orthodontists, Paris, France, November, 1986.
51. "Enhancing anterior restorative results with orthodontic therapy." Fourth Advanced Restorative Dentistry Seminar, Seattle, Washington, January, 1987.
52. "Optimizing restorative, periodontal, and esthetic results with orthodontic treatment." Annual Mid-winter Meeting of Washington County Dental Society, Portland, Oregon, February, 1987.
53. "Enhancing anterior restorative results with orthodontic therapy." Annual Meeting of American Academy of Restorative Dentistry, Chicago, Illinois, February, 1987.

54. "Recent advances in orthodontic research." Clinical Orthodontic Update, CDE Course with other orthodontic faculty, Seattle, Washington, February, 1987.
55. "Optimizing restorative results through coordinated periodontal, orthodontic, and restorative therapy" (with Drs. D Mathews and Frank Spear). CDE Course, Seattle, Washington, April, 1987.
56. "Management and coordination of treatment for the orthodontic patient with periodontal problems." Annual Meeting of the Maine Orthodontic Society, Rockland, Maine, June, 1987.
57. "Improving anterior esthetics during orthodontic finishing" (with Dr. P Shapiro). Israel Orthodontic Society, Jerusalem, Israel, October 1987.
58. "Checklist for orthodontic finishing." Annual Symposium of the Northwest Network for Dental Excellence, Tacoma, Washington, December 1987.
59. "Improving restorative results with orthodontics" (with Dr. P Shapiro). CDE Course University of Minnesota, Minneapolis, Minnesota, February 1988.
60. "Openbite: Stability of surgical vs. nonsurgical orthodontic therapy" (with Dr. P. Shapiro). Annual Meeting of the Northwest Angle Society of Orthodontists, Seattle, Washington, February 1988.
61. "Enhancing anterior restorative results with orthodontic therapy." Annual Meeting of American Academy of Crown & Bridge Prosthodontics, Chicago, Illinois, February 1988.
62. "Current implant methods and their application in orthodontics." CDE Course, University of North Carolina, Chapel Hill, North Carolina, March 1988.
63. "Designing tooth movement for the patient with periodontal problems." Annual Meeting of the American Association of Orthodontists, New Orleans, Louisiana, May 1988.
64. "Improving complex restorative and periodontal results with orthodontics." Annual Meeting of the Northeast Gnathological Society, New York, New York, May 1988.
65. "Orthodontic treatment planning for esthetic dentistry." International Symposium on Esthetics, Boston, Massachusetts, September 1988.
66. "Anterior openbite: The stability of surgical versus nonsurgical orthodontic treatment." Annual Meeting of the Washington State Academy of Pediatric Dentists, Seattle, Washington, October 1988.
67. "Coordinating and managing treatment for the orthodontic patient with periodontal

- problems." Annual Meeting of the Professors of the Brazilian Orthodontic Programs, Belem-Para, Brazil, October 1988.
68. "Improving restorative, periodontal, and esthetic results with orthodontic treatment." Annual Maxillofacial Seminar, Scottsdale, Arizona, January 1989.
  69. "Challenges of contemporary orthodontic finishing." CDE Course, University of Washington, Seattle, Washington, February 1989.
  70. "Improving restorative, periodontal, and esthetic results with orthodontic therapy." Annual EICO Orthodontic Meeting, Cleveland, Ohio, March 1989.
  71. "Teamwork approach to comprehensive management of dentofacial esthetics for the complex patient." Annual Hinman Dental Meeting, Atlanta, Georgia, March 1989.
  72. "Managing and coordinating treatment for the orthodontic patient with periodontal problems." Department of Orthodontics, University of Louisville, Louisville, Kentucky, April 1989.
  73. "The longterm effects of surgically increasing facial height." French Orthodontic Society, Bordeaux, France, May 1989.
  74. "Managing and coordinating treatment for the orthodontic patient with periodontal problems." Pacific Coast Society of Orthodontists Southern Component Meeting, Los Angeles, California, June 1989.
  75. "Anterior openbite: longterm stability of surgical versus nonsurgical treatment." Annual Meeting of Virginia Association of Orthodontists, Virginia Beach, Virginia, June 1989.
  76. "Comprehensive treatment for the complex adult patient." Annual Meeting of College of Diplomates of the American Board of Orthodontics, Newport, Rhode Island, July 1989.
  77. "Anterior openbite: Longterm stability of surgical versus nonsurgical treatment." Biennial National Meeting of the Edward H. Angle Society, Chicago, Illinois, September, 1989.
  78. "Enhancing restorative, periodontal, and esthetic results with orthodontic therapy." Annual Meeting Rhode Island Dental Society, Providence, Rhode Island, September, 1989.
  79. "Treatment alternatives for severely fractured maxillary central incisors." CDE Course, University of Washington, Seattle, Washington, November 1989.

80. "Improving dentofacial esthetics with orthodontic therapy." Symposium '89: Esthetics: The Essence of Image and Illusion, Ontario Dental Association, Toronto, Ontario, November 1989.
81. "Enhancing restorative results with orthodontic therapy" (with Dr. P Shapiro). VIII Congresso Odontoprogress, Rome, Italy, December 1989.
82. "Comprehensive treatment of patients with cleft lip and palate deformities." Annual Symposium of Northwest Network for Dental Excellence, Tacoma, Washington, 1989.
83. "Orthodontic finishing for the complex adult malocclusion." Annual Meeting of Minnesota Orthodontic Society, Minneapolis, Minnesota, January, 1990.
84. Coordinated treatment and finishing for the complex adult malocclusion." CDE Course, University of Michigan School of Dentistry, Ann Arbor, Michigan, January, 1990.
85. "Orthodontic finishing for the complex adult malocclusion" (with Dr. P Shapiro). Annual Meeting of Northwest Angle Society of Orthodontists, Vancouver, British Columbia, February, 1990.
86. "Managing and coordinating treatment for the orthodontic patient with periodontal problems." Annual Meeting of Quebec Society of Orthodontists, Montreal, Quebec, March, 1990.
87. Planning and sequencing treatment for the ortho-restorative patient." Clinical Orthodontic Update, Acapulco, Mexico, March, 1990.
88. "Enhancing restorative, periodontal, and esthetic results with orthodontic therapy." Yakima County Central Society Meeting, Yakima, Washington, April, 1990.
89. "Challenges of contemporary orthodontic finishing" (with Dr. P Shapiro). CDE Course, University of Washington, Seattle, Washington, April, 1990.
90. "Treatment alternatives for fractured or severely decayed anterior teeth." Annual Meeting American Association of Endodontists, Las Vegas, Nevada, April, 1990.
91. "A teamwork approach for comprehensive management of dentofacial esthetics" (with Dr. F Spear). Annual Meeting of California Dental Association, Anaheim, California, May, 1990.
92. "Overcoming the challenges of contemporary orthodontic finishing." Sixth Annual Graduation Seminar, Baylor College of Dentistry, Dallas, Texas, May, 1990.
93. "Interdisciplinary treatment of the complex orthodontic patient." D. Walter Cohen

Symposium in Periodontics, University of Pennsylvania, Philadelphia, Pennsylvania, June, 1990.

94. "Comprehensive treatment of severely fractured, decayed, or abraded anterior teeth." Annual B.C. Dental Meeting, Vancouver, British Columbia, June, 1990.
95. "Managing and coordinating treatment for the orthodontic patient with periodontal problems" (with Dr. D Mathews). 52nd Annual Summer Meeting, Denver, Colorado, July, 1990.
96. "Planning and sequencing treatment for the ortho-restorative patient." Annual Meeting of Canadian Association of Orthodontists, Vancouver, British Columbia, Canada, August, 1990.
97. "Overcoming the challenges of contemporary orthodontic finishing." Annual Meeting of Emory University Orthodontic Alumni Association, Atlanta, Georgia, February, 1991.
98. "Sutural response to orthopedic forces." 18th Annual Moyer's Symposium, University of Michigan, Ann Arbor, Michigan, February, 1991.
99. "Treating the orthodontic patient with complex periodontal and restorative problems", University of Texas at Houston Orthodontic Alumni Meeting, Houston, Texas, March, 1991.
100. "A teamwork approach for comprehensive management of dentofacial esthetics" (with Dr. F Spear). Annual Meeting of Oregon Dental Association, Portland, Oregon, April, 1991.
101. "Planning and sequencing treatment for the orthodontic patient with periodontal and restorative problems" (with Drs. D Mathews and F Spear). Annual Meeting of American Association of Orthodontists, Seattle, Washington, May 1991.
102. "Esthetics and anterior tooth position: An orthodontic perspective." Academy of Esthetic Dentistry Annual Meeting, Santa Barbara, California, August 1991.
103. "Coordinating treatment for the orthodontic patient with periodontal and restorative problems." Australian Orthodontic Congress, Perth, Australia, September 1991.
104. "Application of implants in orthodontics." Annual Saul Schluger Periodontal Meeting, Vancouver, Canada, October 1991.
105. "Maximizing restorative results with pre-prosthetic orthodontics." Okanogan District Annual Dental Society Meeting, Kelowna, British Columbia, October 1991.

106. "Overcoming the challenges of complex orthodontic finishing." VII Congress of the Venezuelan Orthodontic Society, Caracas, Venezuela, November 1991.
107. "Managing the ortho-perio patient in the 1990's." Clinical Orthodontic Conference 2001, University of North Carolina, Chapel Hill, North Carolina, November 1991.
108. "Maximizing restorative results with preprosthetic orthodontics." Yankee Dental Congress, Boston, Massachusetts, January 1992.
109. "Timing of single-tooth anterior implants during orthodontic treatment." Massachusetts Orthodontic Association, Boston, Massachusetts, January, 1992.
110. "Maximizing restorative and esthetic results with preprosthetic orthodontics." Colorado Prosthodontic Society, Denver, Colorado, February, 1992.
111. "Achieving orthodontic excellence in patients with complex problems." Annual Meeting of Tweed Orthodontic Group of Texas, Houston, Texas, March 1992.
112. "Esthetics and anterior tooth position: An orthodontic perspective." CDE course, Case Western University, Cleveland, Ohio, March 1992.
113. "Implants as anchorage for tooth movement." Second International Congress on Osseointegration, Milan, Italy, March 1992.
114. "The challenges of orthodontic finishing" (with Dr. P Shapiro). CDE course, University of Washington, Seattle, Washington, April 1992.
115. "Application of implants in orthodontics." Scholars in Dentistry Series, University of Washington, Seattle, Washington, April 1992.
116. "Maximizing your restorative potential with preprosthetic orthodontics." Annual Meeting of California Dental Association, Anaheim, California, April 1992
117. "Achieving orthodontic excellence in complex patients." Annual Meeting Greater Washington Orthodontic Study Club, Washington , D.C. May 1992.
118. "Implants and orthodontics: Fad or future?" Annual Meeting American Association of Orthodontists, St. Louis, Missouri, May 1992.
119. "The 5 keys to being a great orthodontist." Annual Graduate Orthodontic Residents' Meeting, Ann Arbor, Michigan, August 1992.
120. "Enhancing restorative results with pre-prosthetic orthodontics." CDE Course, University of Southern California, Los Angeles, California, August 1992.

121. "Implants as anchors for maxillary protraction." American Academy of Pediatric Dentistry, Conference on Growth Problems in Children, Chapel Hill, North Carolina, September 1992.
122. "Preprosthetic orthodontics: Teamwork produces excellence." Vancouver Seminar for Dentistry, Vancouver, British Columbia, September 1992.
123. "Improving restorative and esthetic results through interdisciplinary treatment." Columbus Dental Society Meeting, Columbus, Ohio, October 1992.
124. "Maximizing restorative results with preprosthetic orthodontics." Annual Meeting of American Dental Association, Orlando, Florida, October 1992.
125. "A teamwork approach to complete dentofacial esthetics" (with Dr. F Spear). Tulsa County Dental Society, Tulsa, Oklahoma, November 1992.
126. "Interdisciplinary treatment: Successful management of complex treatment plans" (with Drs. D Mathews and F Spear). American Academy of Periodontology 78th Annual Meeting, Orlando, Florida, November 1992.
127. "The implant revolution: Where does orthodontics fit into the picture?" Northeast Society of Orthodontists Annual Meeting, New York, New York, December 1992.
128. "Achieving orthodontic excellence in patients with periodontal and restorative problems." University of Geneva Orthodontic Alumni Association, Geneva, Switzerland, January 1993.
129. "Implants and orthodontics: Is there a practical relationship?" Angle Society of Europe, Arosa, Switzerland, January 1993.
130. "Mastering interdisciplinary treatment: The key to complete adult orthodontics," Wendell L. Wylie Memorial Lecture, February 1993.
131. "Missing maxillary laterals: Bridges, implants or substitution?" Edward H. Angle Society of Orthodontists, Vancouver, British Columbia, Canada, February 1993.
132. "An interdisciplinary approach to single-tooth anterior implants" (with Drs. F Spear and D Mathews). Annual Meeting Academy of Osseointegration, San Diego, California, March 1993.
133. "Implants: Sequencing, timing, and uses during orthodontics." Annual Meeting Mexican Association of Orthodontists, Mexico City, Mexico, March 1993.
134. "Interdisciplinary treatment: The 5 keys to success." Fairfax County Dental Society, Fairfax, Virginia, March 1993.

135. "Achieving orthodontic excellence in patients with complex problems." CDE Course, University of Pennsylvania, Philadelphia, Pennsylvania, March 1993.
136. "Esthetics and anterior tooth position: An orthodontic perspective." CDE Course, Case Western Reserve University, Cleveland, Ohio, March 1993.
137. "Esthetics and anterior tooth position: An orthodontic perspective." CDE Course, Baylor University, Dallas, Texas, March 1993.
138. "Improving orthodontic results in patients with complex problems" (with Dr. P Shapiro). CDE Course, University of North Carolina, Chapel Hill, North Carolina, April, 1993.
139. "Early Class III treatment: Overcoming the problem of limited anchorage." New-Conn Biennial Orthodontic Meeting, White Plains, New York, April, 1993.
140. "Anterior dental esthetics: The role of the orthodontist." American Association of Orthodontists Annual Meeting, Toronto, Ontario, May, 1993.
141. "Five guidelines for becoming a great orthodontist." American Association of Orthodontists Annual Meeting, Toronto, Ontario, May, 1993.
142. "Anterior single-tooth implants: Sequencing treatment for the orthodontic patient" (with Dr. D Mathews). Academy of Prosthodontics Annual Meeting, Vancouver, British Columbia, May, 1993.
143. "Application of implants in orthodontics." Morton Amsterdam Symposium on Periodontal Prosthesis, Philadelphia, Pennsylvania, June, 1993.
144. "Advances in dentistry: Their impact in orthodontics." College of Diplomates of the American Board of Orthodontics, Beaver Creek, Colorado, July, 1993.
145. "Single-tooth implants: Sequencing and timing during orthodontics." 44th Anniversary University of Washington Orthodontic Alumni, Seattle, Washington, July, 1993.
146. "Interdisciplinary treatment: The key to managing complex treatment plans" (with Drs. F Spear and D Mathews). Annual Meeting American Academy of Esthetic Dentistry, Los Angeles, California, August, 1993.
147. "Achieving orthodontic excellence in patients with complex restorative and periodontal problems." Louisiana Orthodontic Association, New Orleans, Louisiana, September, 1993.
148. "Orthodontics in the 21st Century: The impact of recent technological advancements." Pacific Coast Society of Orthodontists Meeting, San Francisco, California, September, 1993.

149. "Interdisciplinary treatment: The key to excellence in adult orthodontics" (with Drs. F Spear and D Mathews). British Orthodontic Conference, Glasgow, Scotland, September, 1993.
150. "Maximizing restorative results with preprosthetic orthodontics." CDE course, University of Texas at Houston, School of Dentistry, Houston, Texas, October, 1993.
151. "Guidelines for treating the periodontically compromised patient." Middle Atlantic Society of Orthodontists, Washington, D.C., October, 1993.
152. "Interdisciplinary treatment: The five keys for success." American College of Prosthodontists Annual Meeting, Palm Springs, California, October, 1993.
153. "Missing maxillary laterals: Bridges, implants or substitution?" Southwest Society of Orthodontists Annual Meeting, Fort Worth, Texas, October, 1993.
154. "Maximizing restorative results with preprosthetic orthodontics." CDE course, University of Pennsylvania, Extramural Education Series, Paramus, New Jersey, November, 1993
155. "Implants and Orthodontics: A clinical reality." Institute for Advanced Dental Studies, Boston, Massachusetts, November, 1993.
156. "Achieving interdisciplinary excellence with orthodontics and restorative dentistry." Valley District Dental Society, Springfield, Massachusetts, December, 1993.
157. "Maximizing anterior esthetics: The orthodontics-restorative connection." Sacramento District Dental Society, Sacramento, California, January, 1994.
158. "Creating restorative excellence with pre-prosthetic orthodontics." Dallas Midwinter Meeting, Dallas, Texas, January, 1994.
159. "New vistas in adult orthodontics." South Florida Academy of Orthodontists, Miami Winter Meeting, Miami, Florida, January, 1994.
160. "Guidelines for treating the periodontally compromised patient." Central Section of Pacific Coast Society of Orthodontists, San Francisco, California, February, 1994.
161. "Implants: The orthodontic/restorative connection." Chicago Midwinter Meeting, Chicago, Illinois, February, 1994.
162. "A teamwork approach to complete dentofacial esthetics" (with Dr. F. Spear). CDE Course, Ohio State University, Columbus, Ohio, March, 1994.

163. "Esthetics and anterior tooth position: An orthodontic perspective." CDE Course, Case Western Reserve University, Cleveland, Ohio, March, 1994.
164. "Restorative-Orthodontic combinations: What every dentist should know." CDE Course, University of Minnesota, Minneapolis, Minnesota, March, 1994.
165. "Implants: Timing, sequencing, and uses during orthodontics." Columbia University Orthodontic Alumni Association, New York, New York, April, 1994.
166. "Interdisciplinary treatment: The key to managing complex treatment plans" (with Dr. F. Spear). Georgia Orthodontic Association, Atlanta, Georgia, April, 1994.
167. "Achieving orthodontic excellence in patients with complex problems." Strang Lecture, Connecticut State Society of Orthodontists, Farmington, Connecticut, April, 1994.
168. "Esthetics and anterior tooth position: An orthodontic perspective." CDE Course, Baylor University, Dallas, Texas, May, 1994.
169. "Missing maxillary laterals: Are implants the answer?" American Association of Orthodontists Annual Meeting, Orlando, Florida, May, 1994.
170. "Interdisciplinary treatment: The key to managing adult orthodontic problems." Jarabak Memorial Lecture, University of Michigan, Ann Arbor, Michigan, May 1994.
171. "Achieving orthodontic excellence in patients with complex restorative and periodontal problems." University of Kentucky Orthodontic Alumni Meeting, Lexington, Kentucky, May, 1994.
172. "Implants: Where does the orthodontist fit into the picture." Spanish Society of Orthodontists, Seville, Spain, June, 1994.
173. "Maximizing restorative results with preprosthetic orthodontics." Alabama Association of Orthodontists, Gulf Shores, Alabama, June, 1994.
174. "Achieving orthodontic excellence in patients with complex restorative and periodontal problems." Brazilian Orthodontic Society, Rio de Janeiro, Brazil, September, 1994.
175. "Interdisciplinary vistas in complex adult orthodontics." Maryland State Society of Orthodontists, Baltimore, Maryland, September, 1994.
176. "Missing maxillary laterals: bridges, implants, or substitution?" Joint Meeting of Great Lakes Association of Orthodontists and Midwestern Society of Orthodontists, Chicago, Illinois, October, 1994.

177. "Maximizing dental esthetics: The orthodontic-restorative connection" (with Dr. F Spear). 3rd International Congress on Dental Esthetics, Paris, France, October, 1994.
178. "Maximizing restorative results with preprosthetic orthodontics." Newport Harbor Academy of Dentistry, Newport Beach, California, October, 1994.
179. "Excellence in finishing: Modifications for the perio-restorative patient." Southern California Angle Society of Orthodontists, Pasadena, California, October 1994.
180. "Achieving orthodontic excellence in patients with periodontal and restorative problems." VII Congress of the Federation of Orthodontic Associations of Central America, San Jose, Costa Rica, November 1994.
181. "Implants: Planning, sequencing and uses during orthodontics." Scheerer Implant Study Group, Palm Springs, California, November 1994.
182. "Single-tooth implants for the young orthodontic patient." Institute for Advanced Dental Studies, Boston, Massachusetts, December 1994.
183. "Creating restorative excellence with pre-prosthetic orthodontics." Yankee Dental Congress, Boston, Massachusetts, January 1995.
184. "Missing mandibular premolars: Are implants the answer?" Massachusetts Association of Orthodontists, Boston, Massachusetts, January 1995.
185. "Esthetics and anterior tooth position: An orthodontic perspective." CDE Course on Esthetics, School of Dentistry, SUNY Buffalo, New York, January 1995.
186. "Achieving interdisciplinary excellence with orthodontics and restorative dentistry." Northern California Component, Edward H. Angle Society, Palo Alto, California, January 1995.
187. "Single-tooth implants for the young orthodontic patient." The Seattle Study Club Symposium, Seattle, Washington, January 1995.
188. "Achieving interdisciplinary excellence with orthodontics and restorative dentistry." Western Pennsylvania Society of Orthodontists, Pittsburgh, Pennsylvania, February, 1995.
189. "Excellence in finishing: Modifications for the perio-restorative patient." Toronto Orthodontic Club, Toronto, Ontario, February 1995.
190. "Single-tooth implants: Implications for the orthodontic patient." University of Washington Orthodontic Alumni Meeting, Ixtapa, Mexico, March 1995.
191. "Creating restorative excellence with pre-prosthetic orthodontics." Hinman Dental

Meeting, Atlanta, Georgia, March 1995.

192. "Esthetics and anterior tooth position: The orthodontic-restorative perspective." CDE Course on Esthetics, Baylor University, Dallas, Texas, March 1995.
193. "Interdisciplinary management of single-tooth implants" (with Drs. D Mathews and F Spear). Kentucky Dental Association and Kentucky Association of Orthodontists, Louisville, Kentucky, March 1995.
194. "Interdisciplinary dentistry: The key to managing complex treatment plans." Harrisburg Dental Society, Harrisburg, Pennsylvania, April 1995.
195. "Implants: The orthodontic-restorative connection." San Jose Implant Study Group, San Jose, California, April, 1995.
196. "Interdisciplinary management of the implant patient" (with Drs. Eugene Roberts, F Spear and D Mathews). CDE Course, University of Michigan, Ann Arbor Michigan, April 1995.
197. "Achieving orthodontic excellence in patients with complex restorative and periodontal problems." Cleveland Society of Orthodontists, Cleveland, April 1995.
198. "Guidelines for managing the periodontally compromised patient." New Jersey Society of Periodontists, Newark, New Jersey, April 1995.
199. "Anterior open bite: Stability of surgical vs nonsurgical treatment." 15th Biennial Growth Seminar, New-Conn Orthodontic Study Group, White Plains, New York, April 1995.
200. "Interdisciplinary treatment : The agony and the ecstasy." Annual Meeting American Association of Orthodontists, San Francisco, California, May 1995.
201. "Anterior dental esthetics: The orthodontic-restorative connection." Annual Meeting American Academy of Cosmetic Dentistry, Orlando, Florida, May 1995.
202. "Maximizing restorative results with preprosthetic orthodontics." Western Essex Dental Society Meeting, Montclair, New Jersey, June 1995.
203. "Achieving orthodontics excellence in patients with complex restorative and periodontal problems." Fairleigh Dickinson University Orthodontic Alumni Association, Newark, New Jersey, June 1995.
204. "Excellence in finishing: Modifications for the perio-restorative patient." University of Pittsburgh, Pittsburgh, Pennsylvania, June 1995.
205. "Interdisciplinary management of anterior single-tooth implants" (with Drs. F Spear

- and David Mathews). American Academy of Esthetic Dentistry, West Palm Beach, Florida, August 1995.
206. "Interdisciplinary dentistry: The key to managing complex treatment plans." Long Island Dental Study Club, Long Island, New York, September 1995.
  207. "Excellence in finishing: Modifications for the perio-restorative patient." Southern Society of Orthodontists, Atlanta, Georgia , September 1995.
  208. "Achieve orthodontic excellence with patients with complex restorative and periodontal problems." Orthodontic Society of Ireland, Adare, Ireland, September 1995.
  209. Single-tooth implants--problems and potential solutions." Northern California Dental Forum, Sacramento, California, September 1995.
  210. "Interdisciplinary dentistry: The key to managing complex treatment plans." Sacramento District Dental Society, Sacramento, California, September 1995.
  211. "Interdisciplinary management of dental implants." Northern Virginia Implant Study Group, Fairfax, Virginia, October 1995.
  212. "Implants as anchors for orthodontic and orthopedic movement." Symposium on Biologic Mechanisms of Tooth Movement and Craniofacial Adaptation, Boston, Massachusetts, October 1995.
  213. "Esthetics and anterior tooth position: An orthodontic perspective." CDE Course University of Buffalo, Buffalo, New York, October 1995.
  214. "Interdisciplinary dentistry: The key to managing complex treatment plans." Rhode Island Association of Orthodontists, Providence, Rhode Island, October 1995.
  215. "Implants: Maximum anchorage for the adult orthodontic patient." 10th International Conference for Orthodontists, Seville Spain, November 1995.
  216. "Excellence in finishing: Modifications for the perio-restorative patient." Pacific Coast Society of Orthodontists, Los Angeles, California, November 1995.
  217. "Interdisciplinary management of the Implant patient." IX Congress of the Venezuelan Society of Orthodontists, Caracas, Venezuela, November 1995.
  218. "Interdisciplinary dentistry: The key to managing complex treatment plans." Triple Win Study Club, Fort Lauderdale, Florida, November 1995.
  219. "Interdisciplinary dentistry: The key to managing complex treatment plans." Deal Study Group, Boca Raton, Florida, November 1995.

220. "Excellence in finishing: Modifications for the perio-restorative patient." 50th Anniversary of Greater Philadelphia Society of Orthodontists, Philadelphia, Pennsylvania, November 1995.
221. "Single-tooth implants: Implications for the pediatric dental patient." Southeast Society of Pediatric Dentistry, Atlanta, Georgia, January 1996.
222. "Maximizing anterior esthetics: The orthodontic-restorative connection." CDE Course on Esthetics, Baylor University School of Dentistry, Dallas, Texas, January 1996.
223. "Interdisciplinary dentistry: The key to managing complex treatment plans." Tri-County Dental Society Meeting, Ontario, California, January 1996.
224. "Managing complex orthodontic problems: The use of implants for anchorage." Seventh International State of the Art Symposium on Orthodontics, University of Connecticut, Hartford, Connecticut, January 1996.
225. "Interdisciplinary dentistry: The key to managing complex treatment plans." Queens Dental Forum, New York, New York, January 1996.
226. "Maximizing gingival esthetics: The role of tooth positions." SSC Annual Symposium, Seattle, Washington, January 1996.
227. "Interdisciplinary dentistry: The key to maximizing clinical results." North Central District Dental Society Meeting, Grand Forks, North Dakota, February 1996.
228. "Maximizing anterior esthetics: The interdisciplinary connection" (with Drs. F Spear and D Mathews). Clinical Conference on Esthetics, USC Orthodontic Alumni Association, Newport Beach, California, February 1996.
229. "Implants: The orthodontic-restorative connection." Pierce County Dental Society Meeting, Tacoma, Washington, February 1996.
230. "Interdisciplinary dentistry: The key to managing complex treatment plans." Cleveland Academy of Advanced Dental Education, Cleveland, Ohio, March 1996.
231. "Maximizing anterior esthetics: A teamwork approach," with Drs. D Mathews and F Spear, UMKC Midwest Dental Conference, Kansas City, Missouri, March 1996.
232. "Implants: The orthodontic-restorative connection," Washington State Society of Prosthodontists, Seattle, Washington, April 1996.
233. "Interdisciplinary dentistry: The key to managing complex treatment plans," PDL Dental Study Group, Chicago, Illinois, April 1996.

234. "Interdisciplinary dentistry: The key to managing complex treatment plans," North Shore Dental Seminar, Bellevue, Washington, April 1996.
235. "Interdisciplinary management of the implant patient," with Drs. David Mathews and Frank Spear, California Dental Association Meeting, Los Angeles, California, April 1996.
236. "Creating restorative excellence with preprosthetic orthodontics," Vermont Dental Association, Montpelier, Vermont, April 1996.
237. "Excellence in finishing: Modifications for the perio-restorative patient," Vermont Society of Orthodontists, Burlington, Vermont, April 1996.
238. "Anterior dental esthetics: The role of the orthodontist" and "Implants and orthodontics: Is there a practical relationship," Swedish Association of Orthodontists, Stockholm, Sweden, April 1996.
239. "Creating restorative excellence with preprosthetic orthodontics," Institute for Advanced Dental Studies, Amsterdam, The Netherlands, April 1996 .
240. "Single-tooth implants and the orthodontic patient: The art, the science, the future," Salzman Memorial Lecture, American Association of Orthodontist's Annual Meeting, Denver, Colorado, May 1996.
241. "Excellence in finishing: Modifications for the perio-restorative patient," Quebec Orthodontic Society, Montreal, Quebec, May 1996.
242. "Maximizing anterior esthetics: The orthodontic-restorative connection," les Journees Dentaires du Quebec, Montreal, Quebec, May 1996.
243. "Interdisciplinary treatment of dentofacial esthetics," with Dr. Frank Spear, CDE Course, University of Milan, Milan, Italy, June 1996.
244. "Interdisciplinary treatment of dentofacial esthetics," (with Dr. Frank Spear), CDE Course, University of Innsbruck, Innsbruck, Austria, June 1996.
245. "Maximizing anterior esthetics: The interdisciplinary connection," Pacific Northwest Dental Conference, Seattle, Washington, July 1996.
246. "Update on finishing, adult treatment, and the application of implants in orthodontics," Taiwan Association of Orthodontists, Taipei, Taiwan, September 1996
247. "Maximizing dental esthetics: The role of the orthodontist," Danish Society of Orthodontics, Vejle, Denmark, September 1996.
248. "Excellence in finishing: Modifications for the perio-restorative patient," Rocky

- Mountain Society of Orthodontists, Coeur d'Alene, Idaho, September 1996.
249. "Interdisciplinary dentistry: The key to managing complex treatment plans," Columbine Periodontal Study Club, Denver, Colorado, October 1996.
  250. "Interdisciplinary dentistry: The key to managing complex treatment plans," Advanced Oral Studies Seminar, Fresno, California, October 1996.
  251. "The exceptional specialty network" (with Drs. Frank Spear and David Mathews), Seattle Institute for Advanced Dental Education, Seattle, Washington, October 1996.
  252. "Managing complex orthodontic problems: The use of implants for anchorage." National Symposium of Use of Implants for Orthodontic Anchorage, Loma Linda University, Loma Linda, California, October 1996.
  253. "Interdisciplinary dentistry: The key to managing complex treatment plans," Dayton County Dental Society, Dayton, Ohio, November 1996.
  254. "Excellence in finishing: Modifications for the perio-restorative patient," Robert Strang Memorial Lecture, Northeast Society of Orthodontists, Orlando, Florida, November 1996.
  255. "Excellence in finishing: Modifications for the perio-restorative patient," European Edgewise Study Group, Paris, France, November 1996.
  256. "Implants and orthodontics: Is there a practical relationship" (with Dr. Peter Shapiro), South African Society of Orthodontists, Capetown, South Africa, November 1996.
  257. "Interdisciplinary dentistry: The key to managing complex treatment plans and maximizing esthetic results" Sherill Ann Siegel Memorial Lecture, Washington DC, December 1996.
  258. "Interdisciplinary dentistry: The key to managing complex treatment plans" Monterey Dental Society, Monterey, California, January 1997
  259. "Maximizing anterior esthetics: The orthodontic-restorative connection", Guilford County Dental Society, Greensboro, North Carolina, January 1997
  260. "Interdisciplinary management of dental implants", Denver Midwinter Meeting, Denver, Colorado, January 1997
  261. "Esthetics and anterior tooth position: An orthodontic perspective", C.E. Course on Esthetics, University of Minnesota, Minneapolis, Minnesota, January 1997

262. "Implant site development: The orthodontic alternatives", SSC National, Jan 1997
263. "Maximizing anterior esthetics: The orthodontic-restorative connection", North Central District Dental Society, Sun Mountain Lodge, Washington, February 1997
264. "Excellence in finishing: Modifications for the perio-restorative patient", Alberta Society of Orthodontists, Edmonton, Alberta, Canada, February 1997
265. "Interdisciplinary dentistry - The key to managing complex treatment plans", Danos Dental Study Group, Minneapolis Minnesota, February 1997
266. "Achieving orthodontic excellence," Jarabak Memorial Lecture, Indianapolis, Indiana, March 1997
267. "Interdisciplinary dentistry - The key to managing complex treatment plans", Maynard K. Hine Memorial Lecture, Indianapolis, Indiana, March 1997
268. "Creating restorative excellence with preprosthetic orthodontics", Illinois Society of Orthodontists, Chicago, Illinois, March 1997
269. "Interdisciplinary dentistry - The key to managing complex treatment plans", Pittsburgh Dental Study Group, Pittsburgh, Pennsylvania, March 1997
270. "Interdisciplinary dentistry - The key to managing complex treatment plans", Philadelphia Dental Study Group, Philadelphia, Pennsylvania, March 1997
271. "Interdisciplinary management of dental implants", Northern California Society of Oral and Maxillofacial Surgeons, Oakland, California, March 1997
272. "Single-tooth implants: The orthodontic-restorative connection", Premier Dental Study Group, Seattle, Washington, April 1997
273. "Interdisciplinary dentistry: The key to managing complex treatment plans", ITP Seminars, Braea, California, April 1997
274. "Orthodontic relapse and posttreatment growth: Association, correlation, or no relationship", New Conn Growth Symposium, White Plains, New York, April 1997
275. "Interdisciplinary management of single-tooth implants", Advanced Dental Seminar Series, Freehold, New Jersey, April 1997
276. "Maximizing anterior esthetics: The orthodontic-restorative connection", American Academy of Cosmetic Dentistry, Minneapolis, Minnesota, April 1997
277. "Interdisciplinary dentistry: The key to managing complex treatment plans", Winnipeg Dental Society, Winnipeg, Manitoba, April 1997

278. "Maximizing dental esthetics: The orthodontic-restorative connection". Fox River Valley Dental Society, Elgin, Illinois, April 1997
279. "Maximizing anterior esthetics: The interdisciplinary connection", with Drs. Frank Spear and David Mathews, American Association of Orthodontists' Annual Meeting, Philadelphia, Pennsylvania, May 1997
280. "Interdisciplinary dentistry: The key to managing complex treatment plans", CDE Course, University of Pennsylvania, Allentown, Pennsylvania, May 1997
281. "Interdisciplinary management of single-tooth implants", Spokane District Dental Society, Spokane, Washington, May 1997
282. "Interdisciplinary dentistry: The key to managing complex treatment plans", Western Wisconsin Dental Study Group, Eau Claire, Wisconsin, May 1997
283. "Interdisciplinary management of implants and dental esthetics", 2-Day Pre-congress Course, European Orthodontic Congress, with Dr. Frank Spear, Valencia, Spain, June 1997
284. "Anterior dental esthetics: The role of the orthodontist", Keynote Speaker, European Orthodontic Congress, Valencia, Spain, June 1997
285. "Esthetics: A shifting standard", University of Washington Orthodontic Alumni Association, Seattle, WA, July 1997
286. "Update in clinical orthodontics", New Zealand Association of Orthodontists, with Dr. Peter Shapiro, Fiji Islands, September 1997
287. "Single-tooth implants and the adolescent patient: Answers to the most common questions", Baltimore Dental Society, Baltimore, Maryland, September 1997
288. "Maximizing anterior esthetics: The orthodontic-restorative connection", American Academy of Cosmetic Dentistry, Atlantic City, New Jersey, September 1997
289. "Interdisciplinary dentistry: The key to managing complex treatment plans", Wausau Dental Study Group, Wausau Wisconsin, September 1997
290. "Single-tooth implants and the orthodontic patient: The art, the science, and the future", Japan Orthodontic Society, Tokyo, Japan, September 1997

291. "Implants: Maximum anchorage for the adult orthodontic patient", Showa University Orthodontic Alumni Association, Tokyo, Japan, September 1997
292. "Interdisciplinary management of esthetics and single-tooth implants", with Drs. Frank Spear and David Mathews, Third Japan World Dental Congress, Yokohama, Japan, October 1997
293. "Single-tooth implants: The orthodontic-restorative connection", Orthodontic 2002 Symposium, University of North Carolina, Chapel Hill, NC, October 1997
294. "Interdisciplinary treatment: The key to managing complex treatment plans", Face Institute, San Antonio, Texas, October 1997
295. "Interdisciplinary treatment: The key to managing complex treatment plans", Heartland Dental Study Group, Fargo, North Dakota, October 1997
296. "Interdisciplinary treatment: The key to managing complex treatment plans", Toronto Dental Study Group, Toronto, Ontario, October 1997
297. "Short anterior facial height: Surgical-orthodontic management", 11th International Conference for Orthodontists, Munich, Germany, October 1997
298. "Single-tooth implants and the orthodontic patient: The art, the science, and the future", Berlin Orthodontic Society, November 1997
299. "Implants and orthodontics: Is there a practical relationship", Annual Meeting of the Swiss Society of Orthodontists, Olten, Switzerland, November 1997
300. "Interdisciplinary dentistry: The agony and the ecstasy", Annual Meeting of the Norwegian Orthodontic Society, Oslo, Norway, November 1997
301. "Interdisciplinary dentistry: The key to managing complex treatment plans", Brevard Dental Study Group, Melbourne, Florida, January 1998
302. "Anterior dental esthetics: The role of the orthodontist", Arizona Orthodontic Study Club, Phoenix, Arizona, January 1998
303. "Interdisciplinary dentistry: The key to managing complex treatment plans", Oakland Dental Study Group, Oakland, California, January 1998
304. "Interdisciplinary dentistry: The key to managing complex treatment plans", New Jersey Association of Orthodontists, Woodbridge, New Jersey, January 1998
305. "Single-tooth implants: The orthodontic-restorative connection", Summit Dental Study Group, San Francisco, California, January 1998

306. "Anterior dental esthetics: The role of the orthodontist", Utah Orthodontic Society, Salt Lake City, Utah, February 1998
307. "Enhancing difficult tooth movement: The use of implants for orthodontic anchorage" Northwest Angle Society, Portland, Oregon, February 1998
308. "Interdisciplinary management of anterior esthetic dilemmas", with Drs. Frank Spear and David Mathews, American Academy of Fixed Prosthodontics, Chicago, Illinois, February 1998
309. "Maximizing anterior esthetics: The orthodontic-restorative connection", American Academy of Restorative Dentistry, Chicago, Illinois, February 1998
310. "Interdisciplinary dentistry: The key to managing complex treatment plans", Ark-La-Tex Academy of Dentistry, Shreveport, Louisiana, February 1998
311. "Single-tooth implants: The orthodontic-restorative connection", Charles H. Tweed Orthodontic Group of Texas, Kerrville, Texas, February 1998
312. "Interdisciplinary treatment: The key to managing complex treatment plans", Renaissance Dental Study Group, Cleveland, Ohio, March 1998
313. "Maximizing restorative excellence with preprosthetic orthodontics", Houston Dental Study Group, Houston, Texas, March 1998
314. "Interdisciplinary dentistry: The key to managing complex treatment plans", Lubbock Dental Seminars, Lubbock, Texas, March 1998
315. "Interdisciplinary management of dental esthetics and single-tooth implants", with Drs. Frank Spear and David Mathews, University of Zurich Fixed Prosthodontic Alumni Association Meeting, Zurich, Switzerland, March 1998
316. "Orthodontic management of the implant patient", Tennessee Association of Orthodontists, Nashville, Tennessee, April 1998
317. "Excellence in finishing: Modifications for the perio-restorative patient", Tweed Society of Kansas, Kansas City, Missouri, April 1998
318. "Maximizing dental esthetics: The orthodontic-restorative connection", Wasatch Dental Study Group, Salt Lake City, Utah, April 1998
319. "Interdisciplinary dentistry: The key to managing complex treatment plans", Sommerset Dental Study Group, Sommerset, New Jersey, April 1998

320. "Excellence in finishing: Modifications for the perio-restorative patient", Korean Adult Orthodontic Research Institute, Seoul, Korea, April 1998
321. "An interdisciplinary approach to comprehensive treatment planning", with Drs. David Mathews and Frank Spear, South Carolina Dental Association, Myrtle Beach, South Carolina, May 1998
322. "The exceptional interdisciplinary network", with Drs. David Mathews and Frank Spear, Seattle Institute for Advanced Dental Education, Seattle, Washington, May 1998
323. "Implant site development: The orthodontic possibilities", American Association of Orthodontists Annual Meeting, Dallas, Texas, May 1998
324. "Maximizing dental esthetics: The interdisciplinary connection", French Orthodontic Society (SFODF), Vittel, France, May 1998
325. "Single-tooth implants and the orthodontic patient: Answers to the most common questions", Summit Dental Study Group, San Diego, California, May 1998
326. "Interdisciplinary dentistry: The key to managing complex treatment plans", River Valley Dental Study Group, Westbrooke, Connecticut, June 1998
327. "Implants and orthodontics: Is there a practical relationship?", UCLA Orthodontic Alumni Association, Los Angeles, California, June 1998
328. "Interdisciplinary management of anterior esthetic dilemmas", with Dr. Frank Spear, American Academy of Cosmetic Dentistry, Vancouver, British Columbia, Canada, June 1998
329. "Excellence in finishing: Modifications for the perio-restorative patient", College of Diplomates of the American Board of Orthodontics, Anchorage, Alaska, July 1998
330. "Maximizing anterior esthetics: The orthodontic-restorative connection", International Symposium on Aesthetics, McGill University Dental Alumni, Whistler, British Columbia, July 1998
331. "Managing gingival embrasures around teeth and implants", with Drs. David Mathews and Frank Spear, American Academy of Esthetic Dentistry, Philadelphia, Pennsylvania, August 1998
332. "Implants and orthodontics: Is there a practical relationship", Annual Orthodontic Alumni Meeting of the University of Nuevo Leon, Monterrey, Mexico, September 1998

333. "Interdisciplinary management of dental esthetics", Iowa Society of Orthodontists, Iowa City, Iowa, September 1998
334. "Managing the future implant patient: The role of the pediatric dentist", Washington State Academy of Pediatric Dentists, Seattle, Washington, September 1998
335. "Single-tooth implants: The orthodontic-restorative connection", The Annual Law-Lewis Memorial Lecture, Seattle, Washington, September 1998
336. "Interdisciplinary dentistry: The key to managing complex treatment plans", CDE Course, Dental Center for Postgraduate Studies, Hoofdorp, The Netherlands, September 1998
337. "Excellence in finishing: Modifications for the perio-restorative patient", Dutch Association of Orthodontists Meeting, Apeldoorn, The Netherlands, September 1998
338. "Maximizing anterior esthetics: The orthodontic-restorative connection", Premier Dental Study Group, Seattle, Washington, October 1998
339. "Interdisciplinary dentistry: The key to managing complex treatment plans", Eastpointe Dental Study Group, Eastpointe, Michigan, October 1998
340. Interdisciplinary dentistry: The key to managing complex treatment plans", Blue Ribbon Dental Study Group, Bozeman, Montana, October 1998
341. "Implants and orthodontics: Is there a practical relationship?", The Burstone Lecture, University of Connecticut, Hartford, Connecticut, October 1998
342. "Single-tooth implants: The orthodontic-restorative connection", New Hampshire Association of Orthodontists, Bedford, New Hampshire, October 1998
343. "Interdisciplinary treatment: The agony and the ecstasy", L. Leverne Merrifield Lecture, International Charles Tweed Biennial Meeting, Tucson, Arizona, October 1998
344. "Surgical and orthodontic management of impacted teeth" and "Treating the damaged incisor: Orthodontic extrusion or single-tooth implant", with Dr. David Mathews, Pacific Coast Society of Orthodontists Annual Meeting, Palm Springs, California, November 1998
345. "Maximizing anterior esthetics: The orthodontic-restorative connection", with Dr. Frank Spear, International Symposium on Dental Esthetics, Eilat, Israel, November 1998

346. "Excellence in finishing: Modifications for the perio-restorative patient" and "Implants and orthodontics: Is there a practical relationship?", University of North Carolina Orthodontic Alumni Meeting, Chapel Hill, North Carolina, November 1998
347. "Interdisciplinary management of gingival esthetics for teeth and implants", with Dr. Frank Spear, Greater New York Academy of Prosthodontists, New York, New York, December 1998
348. "Interdisciplinary dentistry: The key to managing complex treatment plans", Connecticut Dental Association, Hartford, Connecticut, January, 1999
349. "Interdisciplinary dentistry: The agony and the ecstasy", SSC National Symposium, West Palm Beach, Florida, January 1999
350. "Implant site-development: The orthodontic alternatives", The 3I 1999 International Implant Symposium, Orlando, Florida, January 1999
351. "Maximizing anterior esthetics: The interdisciplinary perspective", San Jose Dental Study Club, San Jose, California, February 1999
352. "Single-tooth implants: The orthodontic-restorative connection", Loma Linda Orthodontic Alumni Association Meeting, Loma Linda , California, February 1999
353. "Interdisciplinary management of anterior esthetic dilemmas", Combined Meeting of King-Pierce County Dental Societies, with Drs. David Mathews and Frank Spear, Seattle Washington, February 1999
354. "Excellence in finishing: Modifications for the perio-restorative patient" and "Implants and orthodontics: Is there a practical relationship", Florida Association of Orthodontists, Tampa, Florida, March 1999
355. "Excellence in finishing: Modifications for the perio-restorative patient", Medical College of Virginia Orthodontic Alumni Association, Richmond, Virginia, March 1999
356. "Interdisciplinary dentistry: The key to managing complex treatment plans", Suffolk County Dental Society Meeting, Ronkonkoma, New York, March 1999
357. "Managing dental esthetics: An interdisciplinary perspective", PDL Seminars, Chicago, Illinois, March 1999
358. "Single-tooth implants: The orthodontic-restorative perspective", The Milwaukee Study Club, Milwaukee, Wisconsin, March 1999

359. "Managing orthodontic treatment for the patient with severe periodontal problems", University of Washington Orthodontic Alumni Association, Ixtapa, Mexico, March 1999
360. "Excellence in finishing: Modification for the perio-restorative patient", Malaysian Association of Orthodontists, Kuala Lumpur, Malaysia, April 1999
361. "Interdisciplinary dentistry: The key to managing complex treatment plans", Morristown Dental Study Club, Morristown, New Jersey, April 1999
362. "Interdisciplinary dentistry: The key to managing complex treatment plans", Collier County Dental Society, Naples, Florida, 1999
363. "Interdisciplinary management of dental esthetics", with Dr. Frank Spear, Italian Prosthodontic Congress, Florence, Italy, April 1999
364. "Implants and orthodontics: Is there a practical relationship?" and "Dental esthetics: The role of the orthodontist", Annual Presidential Meeting of the British Orthodontic Society, Oxford, England, May 1999
365. "Interdisciplinary management of the implant patient", with Drs. David Mathews and Frank Spear, American Association of Orthodontists' Annual Meeting, San Diego, California, May 1999
366. "Single-tooth implants: The orthodontic-restorative connection", Summit Dental Study Group, Phoenix, Arizona, May 1999
367. "Exceptional Specialty Network", with Drs. Frank Spear and David Mathews, Seattle, Washington, June 1999
368. "Interdisciplinary dentistry: The key to managing complex treatment plans", Nebraska Academy of General Dentistry, Omaha, Nebraska, June 1999
369. "Implants and orthodontics: Is there a practical relationship", Pennsylvania Association of Orthodontists, Pittsburgh, Pennsylvania, June 1999
370. "ABO standards and adult orthodontics: Are they compatible?", Alton W. Moore Lecture, University of Washington Orthodontic Alumni Association, Seattle, Washington, June 1999
371. "Single-tooth implants and the adolescent patient: The role of the orthodontist", Northern Component of the Pacific Coast Society of Orthodontists, Semiahmoo Resort, Blaine, Washington, June 1999

372. "Excellence in finishing: Modifications for the perio-restorative patient" and "Implants and orthodontics: Are they compatible?", VI Congress of the Orthodontic Society of Argentina and VII International Congress of the Association of Latin American Orthodontists, Buenos Aires, Argentina, June 1999
373. "Excellence in finishing: Modifications for the perio-restorative patient" and "Implants and the adolescent patient: Role of the orthodontist", Indiana University Orthodontic Alumni Association, Indianapolis, Indiana, July 1999
374. "Maxillary lateral incisor implants: The interdisciplinary challenge", with Drs. David Mathews and Frank Spear, American Academy of Esthetic Dentistry, Whistler, British Columbia, Canada, August 1999
375. "Implant site-development: The orthodontic alternatives", Edward H. Angle Society of Orthodontists' Biennial Meeting, Sunriver, Oregon, August 1999
376. "Excellence in finishing: Modifications for the perio-restorative patient", Orthodontic Society of Ireland, Galway, Ireland, September 1999
377. "Interdisciplinary management of esthetics", with Drs. David Mathews and Frank Spear, Ohio State Dental Association Annual Meeting, Columbus, Ohio, Sept 1999
378. "Maximizing dental esthetics: The orthodontic-restorative connection", Central Component of the Pacific Coast Society of Orthodontists, Foster City, California, September 1999
379. "Interdisciplinary management of anterior esthetic dilemmas", DEAL Dental Study Group, Boca Raton, Florida, September 1999
380. "Interdisciplinary dentistry: The key to managing complex dental problems", Excellence Dental Study Group, Chicago, Illinois, October 1999
381. "Single-tooth implants: The orthodontic-restorative connection", Annual Meeting American Dental Association, Honolulu, Hawaii, October 1999
382. "Interdisciplinary management of anterior esthetic dilemmas", with Dr. Frank Spear, Annual Meeting American Dental Association, Honolulu, Hawaii, October 1999
383. "Interdisciplinary dentistry: The key to managing complex treatment plans", Central Ohio Study Club, Columbus, Ohio, October 1999
384. "Interdisciplinary treatment: The agony and the ecstasy", 12th International Orthodontic Conference, Seville, Spain, October 1999

385. "Clinical orthodontic update", Taiwan Association of Orthodontists Annual Meeting, Taipei, Taiwan, November 1999
386. "Interdisciplinary dentistry: The key to managing complex treatment plans", Las Vegas Dental Study Club, Las Vegas, Nevada, November 1999
387. "Interdisciplinary Dentistry: The key to managing complex treatment plans," Napa-Solano Dental Society, Napa, California, November 1999
388. "Enhancing difficult tooth movement: The use of implants for anchorage" and "Single-tooth implants: Answers to the most common questions", Northern California Implant Study Group, Napa, California, November 1999
389. "Interdisciplinary management of the orthodontic patient with periodontal problems with Dr. David Mathews, Atlanta Dental Study Club, Atlanta, Georgia, December 1999
390. "Interdisciplinary dentistry: The key to managing complex treatment plans," Heartland Dental Study Club, Fargo, North Dakota, January 2000
391. "Interdisciplinary dentistry: The key to managing complex treatment plans," Beaches Study Club, Jacksonville, Florida, January 2000
392. "Managing orthodontic treatment for the patient with periodontal problems", Cecil Steiner Memorial Lecture, Los Angeles, California, January 2000
393. "Interdisciplinary management of anterior esthetic dilemmas", SSC National Meeting, Palm Springs, California, January 2000
394. "Interdisciplinary Dentistry: The key to managing complex treatment plans", Ottawa Dental Society, Ottawa, Ontario, February 2000
395. "Enhancing restorative and periodontal results with orthodontic therapy", East Texas Dental Society, Tyler Texas, February 2000
396. "Single-tooth implants: The orthodontic-restorative connection", University of Texas at Houston Orthodontic Alumni Association, Houston, Texas, February 2000
397. "Interdisciplinary dentistry: The key to managing complex treatment plans", Tullahoma Dental Study Club, Tullahoma, Tennessee, February 2000
398. "Orthodontic finishing: What every pediatric dentist should know", University of Tennessee Pediatric Dental Alumni, Memphis, Tennessee, February 2000
399. "Enhancing restorative and esthetic results with adjunctive orthodontic therapy", Vancouver District Dental Society, Vancouver, British Columbia, February 2000

400. "Open gingival embrasures: Selecting the appropriate solution", with Dr. Frank Spear, American Academy of Operative Dentistry, Chicago Midwinter Meeting, Chicago, Illinois, February 2000
401. "Maximizing anterior esthetics: The orthodontic-restorative connection", Robert P. Moyer's Memorial Lecture, University of Michigan Growth Symposium, Ann Arbor, Michigan, March 2000
402. "Interdisciplinary management of anterior esthetic dilemmas", with Dr. Frank Spear, Illinois State Society of Orthodontists, Chicago, Illinois, March 2000
403. "Excellence in finishing: Modifications for the perio-restorative patient", Orthodontic Education and Research Foundation, St. Louis, Missouri, March 2000
404. "Maximizing anterior esthetics: The orthodontic-restorative connection, Arthur Thornton Taylor Lecture, Australian Society of Orthodontists, Brisbane, Australia, March 2000
405. "Maximizing anterior esthetics: The orthodontic-restorative connection", San Diego Dental Study Group, San Diego, California, March 2000
406. "Interdisciplinary Treatment: The key to managing complex treatment plans", Toronto Crown and Bridge Study Club, Toronto, Ontario, April 2000
407. "Interdisciplinary dentistry: The key to managing complex treatment plans", Traverse City Dental Study Group, Traverse City, Michigan, April 2000
408. "Interdisciplinary dentistry: The key to managing complex treatment plans", Maine Dental Association, Augusta, Maine, April 2000
409. "Interdisciplinary management of anterior esthetic dilemmas", American Association of Orthodontists' Annual Meeting, Chicago, Illinois, May 2000
410. "Maximizing anterior esthetics: The orthodontic-restorative connection", The Beverly Bane Memorial Lecture, Texas Dental Association Annual Meeting, San Antonio, Texas, May 2000
411. "Single-tooth implants and the adolescent patient: Answers to the most common questions", West Suburban Dental Society, Chicago, Illinois, May 2000
412. "Implant site-development: The orthodontic alternatives", International Implant Symposium, Boston University, Boston, Illinois, May 2000
413. "Maximizing anterior esthetics: The role of the orthodontist", Pre-Congress Course, European Orthodontic Society, Crete, Greece, June 2000

414. "Managing treatment for the orthodontic patient with periodontal problems", Keynote Lecture, European Orthodontic Society, Crete, Greece, June 2000
415. "Interdisciplinary dentistry: The key to managing complex treatment plans", Gnathologic Society of Stuttgart, Stuttgart, Germany, June 2000
416. "Orthodontic-prosthetic interaction: The key to excellence in the new millennium", Pacific Coast Society of Prosthodontists, Seattle, Washington, June 2000
417. "Porcelain laminates versus orthodontic alignment: Esthetic treatment of the crowded adult dentition", with Dr. Frank Spear, American Academy of Esthetic Dentistry, Kauai, Hawaii, August 2000
418. "Interdisciplinary management of the implant patient", Akron Implant Study Group, Akron, Ohio, September 2000
419. "Single-tooth implants: The orthodontic restorative connection", Joe D. Peak Memorial Lecture, Southwest Society of Orthodontists and Midwest Society of Orthodontists, New Orleans, Louisiana, September 2000
420. "Implants and orthodontics: Is there a practical relationship?", Wisconsin Society of Orthodontists, Madison, Wisconsin, September 2000
421. "Orthodontic finishing: What every young clinician should know", Young Member's Forum, Pacific Coast Society of Orthodontists, Reno, Nevada, October 2000
422. "Adult orthodontics in the 21<sup>st</sup> century: As the cases get tougher will your results get better?", President's Lecture, PCSO Annual Meeting, Reno, Nevada, October 2000
423. "Anterior dental esthetics: What every orthodontic auxiliary should know", Orthodontic Assistant's Program, PCSO Annual Meeting, Reno, Nevada, October 2000
424. "Maximizing anterior esthetics: The orthodontic-restorative connection" and "Single-tooth implants and the adolescent patient: Answers to the most common questions", New York University Orthodontic Alumni Association, New York, New York, October 2000
425. "Interdisciplinary dentistry: The key to managing complex dental problems", Tennessee Valley Study Club, Huntsville, Alabama, October 2000

426. "Interdisciplinary management of anterior esthetic dilemmas", with Dr, Frank Spear, Colorado Prosthodontic Society, Denver, Colorado, October 2000
427. "Implants and orthodontics: Is there a practical relationship?", Rocky Mountain Society of Orthodontists' Meeting, Palm Springs, California, October 2000
428. "Maximizing anterior esthetics: The orthodontic-restorative connection", East Bay Dental Study Club, Oakland, California, October 2000
429. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how??", PDL Seminars, Chicago, Illinois, October 2000
430. "Maximizing anterior esthetics: The orthodontic-restorative connection" and "Single-tooth implants: Answers to the most common questions", Pinnacle Study Club, Ft. Lauderdale, Florida, October 2000
431. "Interdisciplinary dentistry: The key to managing complex treatment plans", San Diego Advanced Dental Study Group, San Diego, California, November 2000
432. "Interdisciplinary dentistry: The key to managing complex treatment plans", Great Plains Dental Study Club, Kansas City, Missouri, November 2000
433. "Maximizing anterior esthetics: The orthodontic-restorative connection", Consortium for Dental Excellence, Hartford, Connecticut, November 2000
434. "Interdisciplinary dentistry: The key to managing complex treatment plans", Houston Academy of General Dentistry, Galveston, Texas, November 2000
435. "Interdisciplinary dentistry: The key to managing complex treatment plans", Renaissance Dental Study Club, Atlanta, Georgia, November 2000
436. "Implant site-development: The orthodontic alternatives", American college of Prosthodontists Annual Meeting, Kona, Hawaii, November 2000
437. "Maximizing anterior esthetics: The orthodontic-restorative connection" and "Implants and orthodontics: Is there a practical connection", Austrian Society of Orthodontists, Graz, Austria, December 2000
438. "Excellence in finishing: Modifications for the perio-restorative patient" and "Surgical and orthodontic management of impacted teeth", Belgian Orthodontic Society, Brussels, Belgium, December 2000
439. "Interdisciplinary management of dental implants", Seattle Study Club of Tampa, Tampa, Florida, January 2001
440. "Maximizing anterior esthetics: The orthodontic-restorative connection, Robert S.

- Freeman Lecture, Metropolitan Denver Dental Society, Denver, Colorado, January 2001
441. "Maximizing anterior esthetics: The orthodontic restorative connection", Peninsula Dental Study Group, New York, New York, January 2001
  442. "Interdisciplinary management of anterior esthetic dilemmas", with Dr. Frank Spear, Toronto Academy of Cosmetic Dentistry, Toronto, Ontario, February, 2001
  443. "Interdisciplinary management of the congenitally missing tooth", "Interdisciplinary management of missing adjacent anterior teeth: Bridges, Implants, or Orthodontics", and "Interdisciplinary treatment of patients with developmental and environmental dental deformities", with Drs. David Mathews and Frank Spear, Interdisciplinary Care Conference, Dallas, Texas, February 2001
  444. "Maximizing anterior esthetics: The orthodontic restorative connection" and "Single-tooth implants and the orthodontic patient: Answers to the most common questions", Pittsburgh Dental Study Club, Pittsburgh, Pennsylvania, February 2001
  445. "Excellence in finishing: Modifications for the perio-restorative patient" and "Esthetics and the orthodontic patient: What every clinician should know", Mexican Association of Orthodontists, Puebla, Mexico, March 2001
  446. "Interdisciplinary management of anterior esthetic dilemmas", with Dr. Frank Spear, Hinmann Dental Meeting, Atlanta, Georgia, March 2001
  447. "Implant site-development: The orthodontic alternatives", Academy of Osseointegration , Keynote Lecture, Toronto, Ontario, March 2001
  448. "Single-tooth implants and the orthodontic patient: Answers to the most common questions", Quebec Orthodontic Society, Montreal, Quebec, March 2001
  449. "Interdisciplinary treatment: The key to managing complex treatment plans", Big Apple Dental Meeting, White Plains, New York, March 2001
  450. "Interdisciplinary management of the implant patient", Dutch Society of Oral Implantology, Amsterdam, Holland, March 2001
  451. "Interdisciplinary dentistry: The key to managing complex treatment plans", Upstate Dental Study Club, Greenville, South, Carolina, April 2001
  452. "Maximizing anterior esthetics: The orthodontic-restorative connection, San Joaquin Dental Society, Stockton, California, April 2001
  453. "Interdisciplinary management of the implant patient", Detroit Implant Study Group, Farmington Hills, Michigan, April 2001

454. "Interdisciplinary dentistry: The key to managing complex treatment plans", Grand Valley Dental Forum. Grand Rapids, Michigan, April 2001
455. "Maximizing anterior esthetics: The orthodontic restorative connection" and "Single-tooth implants and the orthodontic patient: Answers to the most common questions", Star of the North Dental Meeting, St. Paul, Minnesota, April 2001
456. "Interdisciplinary dentistry: The key to managing complex treatment plans", Cincinnati Dental Study Group, Cincinnati, Ohio, April 2001
457. "Interdisciplinary dentistry: The key to managing complex treatment plans", The Tulsa Dental Study Club, Tulsa, Oklahoma, April 2001
458. "Five guidelines for becoming a successful orthodontist in the new millennium", Young Member's Forum, American Association of Orthodontist's Annual Meeting, Toronto, Ontario, May 2001
459. "Adult orthodontics in the 21<sup>st</sup> century: How will you choreograph treatment for the debilitated dentition", John Valentine Mershon Memorial Lecture, American Association of Orthodontist's Annual Meeting, Toronto, Ontario, May 2001
460. "Standard of excellence for the new millennium: Will it be based on anecdote or science?", American Association of Orthodontist's Annual Meeting, Toronto, Ontario, May 2001
461. "Interdisciplinary dentistry: The key to managing complex treatment plans", Bloomington Dental Study Group, Bloomington, Indiana, May 2001
462. "Creating restorative excellence with pre-prosthetic orthodontics", Central Florida Occlusal Study Club, Orlando, Florida, May 2001
463. "Implant site-development: The orthodontic alternatives", 10<sup>th</sup> Annual International Implant Symposium. Boston, Massachusetts, May 2001
464. "Excellence in finishing: Modifications for the perio-restorative patient", Czech Orthodontic Society, Prague, Czech Republic, May 2001
465. "Interdisciplinary dentistry: The key to managing complex treatment plans", Long Island Dental Forum, Long Island, New York, June 2001
466. "The exceptional interdisciplinary network", with Drs Frank Spear and David Mathews, Seattle Institute for Advanced Dental Education, Seattle, Washington, June 2001

467. "Interdisciplinary dentistry: The key to managing complex treatment plans", The new York Dental Forum, New York, New York, June 2001
468. "Interdisciplinary management of dental esthetics" and "Interdisciplinary management of the ortho-perio-restorative patient", San Diego Society of Periodontists, San Diego, California, July 2001
469. "Single-tooth implants and the orthodontic patient: Problems and potential solutions", University of Washington Orthodontic Alumni Association, Seattle, Washington, July 2001
470. "Maximizing anterior esthetics: The interdisciplinary connection", Iowa Academy of General Dentistry, Iowa City, Iowa, September 2001
471. "Orthodontic-restorative interaction: The key to excellence in rehabilitative dentistry", International Academy of Gnathology, Seattle, Washington, September 2001
472. "Excellence in finishing: Modifications for the perio-restorative patient", University of Florida Orthodontic Alumni Association, Gainesville, Florida, September 2001
473. "Maximizing anterior esthetics: The ortho-restorative connection", and "Single-tooth implants: what every dentist should know", The Woehler Research Group, Seattle, Washington, September 2001
474. "Enhancing difficult tooth movement: The use of implants for orthodontic anchorage", Biennial Meeting of the Edward H. Angle Society of Orthodontists, Maui, Hawaii, October 2001
475. "Interdisciplinary dentistry: The key to managing complex treatment plans", Sydney Dental Study Group, Sydney, Australia, October 2001
476. "Interdisciplinary dentistry: The key to managing complex treatment plans", Adelaide Dental Study Group, Adelaide, Australia, October 2001
477. Interdisciplinary dentistry: The key to managing complex treatment plans", Melbourne Dental Study Club, Melbourne, Australia, October 2001
478. "Interdisciplinary dentistry: The key to managing complex treatment plans", Gold Coast Dental Study Group, Brisbane Australia, October 2001
479. "Interdisciplinary dentistry: The key to managing complex treatment plans", South Sydney Dental Study Club, Sydney Australia, October 2001
480. "Positioning teeth for restorative dentistry: The future of adult orthodontics", International Orthodontic Conference, Munich, Germany, October 2001

481. "Interdisciplinary dentistry: The key to managing complex treatment plans", Gateway Dental Study Group, St. Louis, Missouri, November 2001
482. "Maximizing anterior esthetics: The interdisciplinary connection", Excel Dental Study Group, Dallas, Texas, November 2001
483. "Interdisciplinary management of anterior esthetic dilemmas", Mid-Peninsula Dental Society, Palo Alto, California, November 2001
484. "Interdisciplinary management of the implant patient", True North Dental Study Club, St. Cloud, Minnesota, November 2001
485. "Interdisciplinary management of dental esthetics" and "Interdisciplinary management of the implant patient", with Drs. Frank Spear and David Mathews, Catalan Dental Society, Barcelona, Spain, December 2001
486. "Interdisciplinary management of anterior esthetic dilemmas", Central Texas Academy of General Dentistry, Austin, Texas, December 2001
487. "Interdisciplinary dentistry: The key to managing complex treatment plans", Houston Dental Study Club, Houston, Texas, January 2002
488. "Orthodontic and surgical management of impacted teeth" and "Treating the fractured incisor: What every pediatric dentist should know," Southeast Academy of Pediatric Dentistry, Atlanta, Georgia, January 2002
489. "Interdisciplinary dentistry: How to manage debilitated patients in the 21<sup>st</sup> century", SSC National Meeting, Maui, Hawaii, January 2002
490. "Interdisciplinary management of anterior esthetic dilemmas: Why, when, and How?" Fresno-Madera County Dental Society, Fresno, California, February 2002
491. "Surgical and orthodontic management of impacted teeth" and "Excellence in finishing: Modifications for the perio-restorative patient", CDE Course, University of Vienna, Vienna, Austria, February 2002
492. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and How?" Summit Dental Study Club, Seattle, WA, February 2002
493. "Interdisciplinary dentistry: The key to managing complex treatment plans", with Dr. David Mathews, Mid-South Dental Conference, Memphis, Tennessee, March 2002
494. "Interdisciplinary dentistry: The key to managing complex treatment plans", Limestone City Study Club, Kingston, Ontario, March 2002

495. "Excellence in finishing: Modifications for the perio-restorative patient", Pacific Coast Orthodontic Consultants Group, Palm Springs, California, March 2002
496. "Interdisciplinary management of anterior esthetic dilemmas: When, what, and how?", Mt. Baker District Dental Society, Mt. Vernon, Washington, March 2002
497. "Interdisciplinary management of anterior esthetic dilemmas: What, when, and how?" Fred West Memorial Lecture, University of Pacific Orthodontic Alumni Association, San Francisco, California, March 2002
498. "Interdisciplinary management of anterior esthetic dilemmas: What, when, and how?" Summit Dental Study Group, Phoenix, Arizona, March 2002
499. "Excellence in finishing: Modifications for the perio-restorative patient", Oregon State Society of Orthodontists, Portland, Oregon, April 2002
500. "Interdisciplinary management of anterior esthetic dilemmas: What, when, and how?" California Dental Association Meeting, Anaheim, California, April 2002
501. "Interdisciplinary dentistry: The key to managing complex treatment plans", Mt. Baldy Dental Study Club, Ontario, California, April 2002
502. "Interdisciplinary dentistry: The key to managing complex treatment plans", Carolina Mountain "Study Group, Asheville, North Carolina, April 2002
503. "Interdisciplinary management of anterior esthetic dilemmas: When, why and how?" Shark Tooth Dental Study Group, Venice, Florida, April 2002
504. "Interdisciplinary management of anterior esthetic dilemmas: When, why and how?" South Maryland Dental Society, Baltimore, Maryland, April 2002
505. "Interdisciplinary management of anterior esthetic dilemmas: What, why and how?" Chicago Periodontal Study Club, Chicago, Illinois, April 2002
506. "Interdisciplinary dentistry: The key to managing complex treatment plans", Florida Academy of General Dentistry, Jacksonville, Florida, April 2002
507. "Single-tooth implants: The ortho-restorative connection", East Bay Dental Study Group, Oakland, California, May 2002
508. "Managing treatment for the ortho-perio-restorative patient" Northern California Dental Forum, Sacramento, California, May 2002

509. "Improving anterior esthetics: What do our patients really see?" with Dr. Vincent O. Kokich, Jr, American Association of Orthodontists Annual Meeting, Philadelphia, Pennsylvania, May 2002
510. "Managing orthodontic treatment for the adult patient with periodontal problems", American Association of Orthodontists Annual Meeting, Philadelphia, Pennsylvania, May 2002
511. "Interdisciplinary guidelines for managing the debilitated dentition" Redding Dental Study Group, Redding, California May 2002
512. "Interdisciplinary dentistry: The key to managing complex treatment plans" Distinctive Dental Studies Group, Dallas, Texas, May 2002
513. "Interdisciplinary management of anterior esthetic dilemmas: "When, why and how?" North Carolina Dental Association Annual Meeting, Myrtle Beach, South Carolina, May 2002
514. "Interdisciplinary guidelines for managing the debilitated dentition", Ft. Lauderdale Dental Study Groups, Ft. Lauderdale, Florida, May 2002
515. "Interdisciplinary management of anterior esthetic dilemmas: Why, when, and how?" Puerto Rico Society of Orthodontists, San Juan, Puerto Rico, May 2002
516. "Orthodontic finishing: Valuable tips for the pediatric dentist" and "Impactions: What every pediatric dentist should know" and "Single-tooth implants and the pediatric dental patient", American Academy of Pediatric "Dentistry, Denver, Colorado, May 2002
517. "Interdisciplinary management of the implant patient", Pre-Congress Course, Portuguese Society of Orthodontists, Lisbon, Portugal, May 2002
518. "Maximizing anterior dental esthetics: The role of the orthodontist", Portuguese Society of Orthodontists, Lisbon, Portugal, May 2002
519. "The exceptional specialty network", with Drs. David Mathews and Frank Spear, Seattle Institute for Advanced Dental Education, Seattle, Washington, June 2002
520. "Surgical and orthodontic management of impacted teeth", University of Detroit Orthodontic Alumni Meeting, Dearborn, Michigan, June 2002
521. "Excellence in finishing: Modifications for the perio-restorative patient", Louisiana State University Orthodontic Alumni Association Annual Meeting, New Orleans, Louisiana, June 2002

522. "Orthodontic-prosthetic interaction: A key to excellence in rehabilitative dentistry", Pacific Coast Society for Prosthodontics, Tucson, Arizona, June 2002
523. "Interdisciplinary dentistry: The key to managing complex treatment plans", "Surgical-orthodontic management of impacted teeth", Orthodontic Association of Central Mexico, Guanajuato, Mexico, July 2002
524. "Enhancing difficult tooth movement: The use of implants for orthodontic anchorage", Graduate Orthodontic Resident's Program, Ann Arbor, Michigan August 2002
525. "Excellence in finishing: Modifications for the perio-restorative patient", Baylor University Orthodontic Alumni Association, Dallas, Texas, August 2002
526. "Managing treatment for the orthodontic patient with periodontal problems", CE Course, Chilean Orthodontic Association, Santiago, Chile, August 2002
527. "Surgical-orthodontic management of impacted teeth", IXth International Orthodontic Congress of Chile, Santiago, Chile, August 2002
528. "Interdisciplinary management of anterior dental esthetic dilemmas: When, why and how?" Third Millennium Dental Study Club, Newark, New Jersey, September 2002
529. "Excellence in finishing: Modifications for the perio-restorative patient" University of Toronto Orthodontic Alumni, Toronto, Ontario, September 2002
530. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?" Maine Dental Association, Augusta, Maine, September 2002
531. "Interdisciplinary dentistry: The key to managing complex treatment plans", Pre-Congress Course, 7<sup>th</sup> Panhellenic Orthodontic Congress, Athens, Greece, September 2002
532. "Ankylosis and congenitally missing teeth: Orthodontic management in the adolescent patient", 7<sup>th</sup> Panhellenic Orthodontic Congress, Athens, Greece, September 2002
533. "Restorative technology: Its impact on orthodontic treatment planning for adults", International Federation of Esthetic Dentistry, Washington, DC, October 2002
534. "Excellence in finishing: Modifications for the perio-restorative patient", The Wade Lecture, Ohio State University Department of Orthodontics, Columbus, Ohio, October 2002

535. "Interdisciplinary management of the single-tooth implant patient", with Drs. David Mathews and Frank Spear, Pacific Coast Society of Orthodontists' Annual Meeting, Monterey, California, October 2002
536. "Single-tooth implants: The orthodontic-restorative connection", Greater Eastside Dental Study Group, Bellevue, Washington, October 2002
537. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?" Bremerton Dental Study Group, Bremerton, Washington, October 2002
538. "Interdisciplinary dentistry: The key to managing complex treatment plans", Heartland Dental Study Group, Topeka, Kansas, October 2002
539. "Interdisciplinary management of the implant patient", Colleagues in Comprehensive Dental Care Study Group, Virginia Beach, Virginia, October 2002
540. "Interdisciplinary management of the implant patient", White Plains Dental Implant Study Group, White Plains, New York, October 2002
541. "Managing anterior esthetic dilemmas: An interdisciplinary approach", Dayton Dental Society, Dayton, Ohio, November 2002
542. "Single-tooth implants: The orthodontic-restorative connection", Sailfish Dental Study Club, Port St. Lucie, Florida, November 2002
543. "Interdisciplinary management of anterior esthetic dilemmas: What, why, and how?" Treasure Coast Dental Society, Fort Pierce, Florida, November 2002
544. "Anterior dental esthetics: An interdisciplinary approach" and "Single-tooth implants: The orthodontic-restorative connection", Edmonton and District Dental Society, Edmonton, Alberta, December 2002
545. "Interdisciplinary management of anterior esthetic dilemmas" and Surgical and orthodontic management of impacted teeth", Georgia Association of Orthodontists, Atlanta, Georgia, January 2003
546. "The complete clinician: When is orthodontics essential for total case management?" Seattle Study Club Annual Meeting, Key Biscayne, Florida, January 2003
547. "Preventive, surgical, and orthodontic management of impacted teeth", Northwest Component of Edward H. Angle Society of Orthodontists, Seattle, Washington, February 2003
548. "Interdisciplinary dentistry: The key to managing complex treatment plans", Princeton Dental Study Club, Princeton, New Jersey, February 2003

549. “Managing treatment for the orthodontic patient with periodontal problems”, Faculty/Student Lecture, New York University Dental School, New York, New York, February 2003
550. “The true value of orthodontics in a dental school curriculum”, Visiting Scholar Lecture, New York University School of Dentistry, New York, New York, February 2003
551. “Interdisciplinary guidelines for managing the debilitated dentition”, (2-day course) Napa-Salano Dental Society, Fairfield, California, February 2003
552. “Enhancing difficult tooth movement: The use of implants for orthodontic anchorage”, “Managing treatment for the orthodontic patient with periodontal problems”, and Preventive, surgical, and orthodontic management of impacted teeth”, Texas Tweed Orthodontic Study Group, Austin, Texas, February 2003
553. “Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?”, Annual Gorman Institute Meeting, Las Vegas, Nevada, February 2003
554. “Managing treatment for the orthodontic patient with periodontal problems” and “Preventive, surgical, and orthodontic management of impacted teeth”, Ohio State Orthodontic Alumni Association, Columbus, Ohio, March 2003
555. “Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?” Santa Barbara-Ventura County Dental Society, Goleta, California, March 2003
556. “Orthodontic-restorative interaction: The key to excellence in the new millennium” Newport Harbor Academy, Newport Beach, California, March 2003
557. “Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?” Arizona State Dental Association, Phoenix, Arizona, March 2003
558. “Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?”, “Excellence in finishing: Modifications for the perio-restorative patient”, and “Interdisciplinary management of the implant patient”, Taiwan Association of Orthodontists, Taipei, Taiwan, March 2003
559. “Interdisciplinary management of the debilitated dentition”, Manhattan Study Group, New York, New York, March 2003
560. “Interdisciplinary management of the implant patient”, Southwest Virginia Advanced Dental Seminars, Blacksburg, Virginia, March 2003

561. "Ortho-perio-restorative interaction: The key to excellence in rehabilitative dentistry", Northwest Regional Seminar, Seattle Study Clubs, Kohler, Wisconsin, March 2003
562. "Orthodontic finishing: Valuable information for the pediatric dentist", "Treating the damaged incisor: Forced eruption or immediate implant?" , Management of impacted teeth: What every pediatric dentist should know", and "Single-tooth implants and the pediatric dental patient", California Society of Pediatric Dentists, Victoria, British Columbia, April 2003
563. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how??" Commonwealth Dental Study Club, Fredericksburg, Virginia, April 2003
564. "Preventive, surgical, and orthodontic management of impacted teeth" and "Interdisciplinary management single-tooth implants", with Dr. David Mathews, New Conn Biennial Growth Symposium, White Plains, New York, April 2003
565. "Single tooth implants: The ortho-surgical-restorative connection" and "Preventive, surgical, and orthodontic management of impacted teeth", North Dakota Society of Orthodontists, Fargo, North Dakota, April 2003
566. "Guidelines for managing the interdisciplinary patient", Delta Dental Study Club, Concord, California, April 2003
567. "Interdisciplinary dentistry: The key to managing complex treatment plans", with members of the Northwest Network for Dental Excellence, Pierce County Dental Society, Tacoma, Washington, April 2003
568. "Interdisciplinary guidelines for managing the debilitated dentition", Blue Ribbon Seminars, Bozeman, Montana, April 2003
569. "Interdisciplinary management of the implant patient", Old Orchard Dental Study Group, Chicago, Illinois, April 2003
570. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?", Texas Dental Association, San Antonio, Texas, May 2003
571. "Excellence in finishing: Guidelines for managing the debilitated dentition", American Association of Orthodontists Meeting, Maui, Hawaii, May 2003
572. "Managing periodontal problems in the orthodontic patient with restorative needs", New York County Dental Society, New York, New York, May 2003
573. "Interdisciplinary dentistry: The key to managing complex treatment plans", New York Academy of General Dentistry, Albany, New York, May 2003

574. "Interdisciplinary dentistry: The key to managing complex treatment plans", New York Academy of General Dentistry, New York, New York, May 2003
575. "Enhancing difficult tooth movement: The use of implants for orthodontic anchorage", Twelfth Annual Symposium on Dental Implantology, Boston, Massachusetts, May 2003
576. "The Exceptional Interdisciplinary Network: A three day course about teamwork in esthetics and implant dentistry" with Drs. Frank Spear and David Mathews, Seattle Institute for Advanced Dental Education, Seattle, Washington, May 2003
577. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how", LifeTime Learning Study Group, London, Ontario, May 2003
578. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how", P.A. Dental Study Group, Toronto, Ontario, May 2003
579. "Orthodontic finishing: What every clinician should know", The 2<sup>nd</sup> World Edgewise Orthodontic Congress, Florence, Italy, June 2003
580. "Single-tooth implants for maxillary lateral incisors: Overcoming the esthetic challenges", Keynote Lecture, 79<sup>th</sup> European Orthodontic Society Meeting, Prague, Czech Republic, June 2003
581. "Managing the orthodontic patient who requires dental implants: The role of the orthodontist", Post-Congress Course, 79<sup>th</sup> European Orthodontic Society, Prague, Czech Republic, June 2003
582. "Contemporary management of the adult orthodontic patient: A four day course for the orthodontic practitioner", IDEA , Foster City, California, June 2003
583. "Preventive, surgical, and orthodontic management of impacted teeth", with Dr. David Mathews, College of Diplomates of the American Board of Orthodontics Annual Meeting, Asheville, North Carolina, July 2003
584. "Orthodontic-Restorative Interaction: The key to managing complex rehabilitative dentistry", International College of Dentists Annual Meeting, Seattle, Washington, July 2003
585. "Interdisciplinary management of deep anterior overbite in the perio-restorative patient", with Dr. Frank Spear, American Academy of Esthetic Dentistry, Los Angeles, California, August 2003
586. "Interdisciplinary dentistry: The key to managing complex treatment plans", with Dr. David Mathews, Florida Academy of Cosmetic Dentistry, Orlando, Florida, September 2003

587. “Interdisciplinary guidelines for managing the debilitated dentition”, Southshore Dental Study Club, Renton, Washington, September 2003
588. “Single-tooth implants: The orthodontic-restorative connection”, Thurston and Mason Counties Dental Societies, September 2003
589. “Interdisciplinary guidelines for managing the debilitated adult dentition”, Creekmore-Schudy Memorial Lecture, Southwest Society of Orthodontists, Midwest Society of Orthodontists, Great Lakes Society of Orthodontists, New Orleans, Louisiana, September 2003
590. “Interdisciplinary guidelines for managing the debilitated adult dentition”, R. R. McIntyre Memorial Lecture, Canadian Association of Orthodontists, Ottawa, Ontario, September 2003
591. “Surgical and orthodontic management of impacted teeth”, with Dr. David Mathews, American Academy of Periodontology, San Francisco, California, September 2003
592. “Interdisciplinary management of anterior esthetic dilemmas: When, why and how?”, New Orleans Dental Conference, New Orleans, Louisiana, September 2003
593. “Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?”, Platte River Dental Seminars, Hastings, Nebraska, September 2003
594. “Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?”, Lone Star Dental Meeting, San Antonio, Texas, September 2003
595. “Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?”, Dubuque District Dental Society, Dubuque, Iowa, October 3, 2003
596. “Interdisciplinary management of anterior esthetic dilemmas”, with Dr. Frank Spear, Spanish Society of Prosthodontists Meeting, Bilbao, Spain, October 2003
597. “Enhancing difficult tooth movement: The use of implants for orthodontic anchorage”, “Single-tooth implants: The orthodontic-restorative connection”, “Managing orthodontic treatment for patients with periodontal problems”, and “Positioning teeth for restorative dentistry: The future of adult orthodontics”, Belgian Orthodontic Society, Brussels, Belgium, October 2003
598. “Excellence in finishing: Modifications for the restorative patient”, “Managing orthodontic treatment for patients with periodontal problems”, “Preventive, surgical and orthodontic management of impacted teeth”, and “Single-tooth implants: The orthodontic-restorative connection”, Polish Society of Orthodontists’ Meeting, Warsaw, Poland, October 2003

599. "Interdisciplinary management of anterior dental esthetics: The state of the art", 14<sup>th</sup> International Conference on Orthodontics, Marbella, Spain, November 2003
600. "Space management for single-tooth implants: Role of the orthodontist", American Academy of Implantology, Hollywood, Florida, November 2003
601. "Implants: The orthodontic-restorative connection", Central Florida Occlusal Study Club, Orlando, Florida, November 2003
602. "Excellence in finishing: What every clinician should know", "Single-tooth implants: The orthodontic-restorative connection", "Preventive, surgical, and orthodontic management of impacted teeth", Gnathos Dental Study Group, Atlanta, Georgia, November 2003
603. "Interdisciplinary management of the implant patient", The Milwaukee Study Club, Milwaukee, Wisconsin, November 2003
604. "Pre-prosthetic orthodontics for the restorative patient with osseous periodontal defects" and "Single-tooth implants: the orthodontic-restorative perspective", Connecticut Dental Association, November 2003
605. "Managing orthodontic treatment for the restorative patient with periodontal problems", North Idaho Dental Study Club, Couer d'Alene, Idaho, November 2003
606. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?", Meridian Dental Study Club, Spokane, Washington, November 2003
607. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?", Greater Chesapeake Dental Study Club, Fallston, Maryland, December 2003
608. "Esthetic implant development with orthodontics", American Association of Oral and Maxillofacial Surgeons' Dental Implant Conference, Chicago, Illinois, December 2003
609. "Interdisciplinary management of the implant patient", Southwest Dental Conference, Dallas, Texas, January 2004
610. "Interdisciplinary management of anterior esthetic dilemmas" and "Single-tooth implants: The orthodontic-restorative connection", West Central Wisconsin Dental Study Group, Eau Claire, Wisconsin, January 2004
611. "Interdisciplinary management of the implant patient", Cleveland Orthodontic Study Club, Cleveland, Ohio, January 2004

612. "Managing orthodontic treatment for the restorative patient with periodontal problems", Orange Coast Dental Academy, Laguna Hills, California, January 2004
613. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?", Manitoba Dental Association, Winnipeg, Manitoba, February 2004
614. "Surgical and orthodontic management of impacted maxillary canines", AAO and AAOMS Combined Conference, Indian Wells, California, February 2004
615. "Single-tooth implants: The surgical-orthodontic connection", AAO and AAOMS Combined Conference, Indian Wells, California, February 2004
616. "Interdisciplinary dentistry: The key to managing complex treatment plans", Somerset Study Club, Somerville, New Jersey, February 2004
617. "Interdisciplinary dentistry: A key to solving difficult restorative situations", Red Earth Study Club, Norman, Oklahoma, February 2004
618. "Interdisciplinary management of debilitated dentitions", Jersey Coast Dental Forum, Eatontown, New Jersey, February 2004
619. "Interdisciplinary dentistry: A key to solving difficult restorative situations", Casco Bay Dental Study Club, Portland, Maine, February 2004
620. "Interdisciplinary management of the implant patient", Washington University Orthodontic Alumni Association, St. Louis, Missouri, February 2004
621. "Interdisciplinary management of anterior esthetic dilemmas", Miami Winter Dental Meeting, Miami, Florida, February 2004
622. "Interdisciplinary dentistry: The key to managing complex treatment plans", Kaplan Visiting Professorship, University of Florida, Gainesville, Florida, March 2004
623. "Interdisciplinary management of anterior esthetic dilemmas: When, why and how?", Redding Forum for Advanced Dental Studies, Redding, California, March 2004
624. "Interdisciplinary management of the implant patient", The Indianapolis Dental Study Club, Indianapolis, Indiana, March 2004
625. "Managing treatment for the orthodontic patient with periodontal problems", "Enhancing difficult tooth movement: The use of implants for orthodontic anchorage", "Preventive, surgical, and orthodontic management of impacted teeth", Edward H. Angle Society of Orthodontists, Southern California Component, Anaheim, California, March 2004

626. "Single-tooth maxillary lateral incisor implants: Overcoming the esthetic challenges", The Gianelly-Schilder Symposium, Boston University School of Dental Medicine, Boston, Massachusetts, March 2004
627. "Correcting anterior esthetic dilemmas: An interdisciplinary approach", with Dr. Frank Spear, Regional Esthetic Update, American Academy of Esthetic Dentistry, Seattle, Washington, March 2004
628. "Interdisciplinary guidelines for managing the debilitated dentition", Journey for Excellence Study Club, Parsippany, New Jersey, March 2004
629. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?" The Downtown Dental Study Club, Philadelphia, Pennsylvania, April 2004
630. "Preventive, surgical, and orthodontic management of impacted teeth" and "Interdisciplinary management of dental esthetics: State of the Art", South Carolina Association of Orthodontists, Hilton Head, South Carolina, April 2004
631. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?" Middlesex County Dental Society, Edison, New Jersey, April 2004
632. "Interdisciplinary guidelines for managing the debilitated dentition", 3 Lakes Dental Study Club, Birmingham, Alabama, April 2004
633. "Managing treatment for the orthodontic patient with periodontal problems", The Arizona Orthodontic Study Club, Phoenix, Arizona, April 2004
634. "Interdisciplinary guidelines for managing the debilitated dentition", River Cities Study Club, Shreveport, Louisiana, April 2004
635. "Interdisciplinary dentistry: The key to managing complex treatment plans", Seattle Study Club Regional Meeting, Las Vegas, Nevada, April 2004
636. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?" Saguaro Dental Study Club, Tempe, Arizona, April 2004
637. "Anterior dental esthetics: What every orthodontic clinician should know", with Vincent O. Kokich, Jr., American Association of Orthodontist's Annual Meeting, Orlando, Florida, May 2004
638. "Interdisciplinary dentistry: The key to managing complex treatment plans", Crescent City Study Club, New Orleans, Louisiana, May 2004
639. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?" Exploring Excellence Dental Study Club, Eugene, Oregon, May 2004

640. "Managing the ortho-restorative patient", Laguna Gnathological Study Club, Laguna Nigel, California, May 2004
641. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?" Drs. Bui and Rafati Dental Study Group, San Jose, California, May 2004
642. "Interdisciplinary management of the implant patient", Central Coast Dental Study Club, San Luis Obispo, California, May 2004
643. "Interdisciplinary dentistry: The key to managing complex treatment plans", Comprehensive Dental Treatment Study Club, Vancouver, British Columbia, May 2004
644. "Interdisciplinary management of dental esthetics", IV International Orthodontic Conference, University of Goias, Goiania, Goias, June 2004
645. "Excellence in orthodontic finishing: What every clinician should know", Post Congress Course, University of Goias, Goiania, Goias, June 2004
646. "Interdisciplinary management of anterior esthetic dilemmas: What, why, and how?" and "Interdisciplinary management of the implant patient", Florida National Dental Conference, Orlando, Florida, June 2004
647. "Interdisciplinary management of anterior esthetic dilemmas: When, Why, and How? ADA Young Dentist's Meeting, San Diego, California, June 2004
648. "Managing treatment for the orthodontic patient with periodontal problems", College of Diplomates of the American Board of Orthodontics, Sunriver, Oregon, July 2004
649. "Interdisciplinary management of anterior esthetic dilemmas: The problem of overjet", with Dr. Frank Spear, American Academy of Esthetic Dentistry, Banff, Alberta, August 2004
650. "Interdisciplinary management of the debilitated dentition", North Coast Dental Institute, Vista, California, September 2004
651. "Interdisciplinary dentistry: The key to managing complex treatment plans", North Coast Dental Institute, St. Augustine, Florida, September 2004
652. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?" American Dental Association Meeting, Orlando, Florida, September 2004
653. "Interdisciplinary management of debilitated dentitions", Contemporary Dental Forum, Chicago, Illinois, October 2004

654. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?" Sullivan Dental Study Group, Washington, DC, October 2004
655. "Single-tooth implants: The interdisciplinary challenge", The Adelaide Seattle Study Club, Adelaide, South Australia, October 2004
656. "Interdisciplinary dentistry: The key to managing complex treatment plans", New Horizon Dental Specialist Group, Adelaide, South Australia, October 2004
657. "Interdisciplinary dentistry: The key for managing complex treatment plans" and "Single-tooth implants: The interdisciplinary challenge", Schimann and Dineen Dental Study Group, Sydney, New South Wales, October 2004
658. "Managing treatment for the ortho-restorative patient with periodontal problems", Sydney Seattle Study Club, Sydney, New South Wales, October 2004
659. "Interdisciplinary management of debilitated dentitions" and "Single-tooth implants: The interdisciplinary challenge", Bachmayer and Fine Dental Group, Sydney, New South Wales, October 2004
660. "Managing treatment for the ortho-restorative patient with periodontal problems", Melbourne Seattle Study Club, Melbourne, Victoria, October 2004
661. "Interdisciplinary management of the debilitated dentition", Dental Events of Melbourne, Melbourne, Victoria, October 2004
662. "Single-tooth implants: The interdisciplinary challenge", Medland Dental Study Group, Gold Coast, Queensland, October 2004
663. "Interdisciplinary management of the implant patient", Central Massachusetts Implant Study Group, Worcester, Massachusetts, November 2004
664. "Interdisciplinary management of anterior esthetic dilemmas: The state of the art", Robert Strang Memorial Lecture, Northeast Society of Orthodontists, Providence, Rhode Island, November 2004
665. "Surgical and orthodontic management of impacted maxillary canines", Northeast Society of Orthodontists, Providence, Rhode Island, November 2004
666. "Interdisciplinary dentistry: The key to managing complex treatment plans", New Hampshire Dental Association, Concord, New Hampshire, November 2004
667. "Preventive, surgical, and orthodontic management of impacted teeth", New England Orthodontic Study Club, Manchester, New Hampshire, November 2004

668. "Interdisciplinary management of the implant patient", DuPage Dental Implant Study Club, Naperville, Illinois, November 2004
669. "Surgical and orthodontic management of impacted maxillary central incisors and canines" and "Maxillary lateral incisor implants: Overcoming the esthetic challenges" University of Western Ontario Orthodontic Alumni Association, London, Ontario, November 2004
670. "Interdisciplinary management of anterior esthetic dilemmas: When, why and how?" and "Interdisciplinary management of the debilitated dentition", Greater New York Dental Meeting, New York, New York, November 2004
671. "Interdisciplinary management of the implant patient", Chicago Dentofacial Study Club, Oakbrook, Illinois, December 2004
672. "Interdisciplinary guidelines for producing better smile esthetics", Mexican Dental and Orthodontic Meeting, Puerto Vallarta, Mexico, December 2004
673. "Interdisciplinary management of the implant patient", South Valley Study Club, Gilroy, California, January 2005
674. "Interdisciplinary management of anterior esthetic dilemmas" and "Interdisciplinary management of single-tooth implants", Intermountain Odontology Study Club, Clarkston, Washington, January 2005
675. "Single-tooth implants: The orthodontic-restorative connection", Orange Coast Academy of Dentistry, Mission Viejo, California, January 2005
676. "Managing missing teeth in the young orthodontic patient", AAO Early Treatment Conference, Las Vegas, Nevada, January 2005
677. "Evidence –based management of the orthodontic patient with periodontal problems", and "Adult orthodontics: Are your treatment objectives realistic", Angle Society of Europe, Going, Austria, January 2005
678. "Interdisciplinary dentistry: The key to managing complex treatment plans", Central Ohio Study Club, Columbus, Ohio, February 2005
679. "Maxillary lateral incisor implants: An interdisciplinary challenge", Summit Dental Study Club, San Diego, California, February 2005
680. "Excellence in orthodontic finishing: What every orthodontic resident should know", St. Louis University Department of Orthodontics, St. Louis University, St. Louis, Missouri, February 2005

681. "Interdisciplinary management of the implant patient", Cherokee Dental Study Club, Kennesaw, Georgia, February 2005
682. "Maxillary lateral incisor implants: An interdisciplinary challenge", IV International Interdisciplinary Conference, Park City, Utah, March 2005
683. "Interdisciplinary management of the implant patient", Milwaukee Dental Forum, Milwaukee, Wisconsin, March 2005
684. "Interdisciplinary management of implants in the esthetic zone", with Drs. Frank Spear and David Mathews, Academy of Osseointegration Annual Meeting, Orlando, Florida, March 2005
685. "Interdisciplinary dentistry: The key to managing complex treatment plans", Victoria Dental Study Club, Victoria, British Columbia, March 2005
686. "Interdisciplinary guidelines for managing the debilitated dentition", Central Florida Occlusal Study Club, Orlando, Florida, March 2005
687. "Interdisciplinary management of implants in the esthetic zone", with Drs. Frank Spear and David Mathews, Ernest Jones Memorial Lecture, University of Washington Dental Alumni Association, Seattle, Washington, March 2005
688. "Interdisciplinary dentistry: The key to managing complex treatment plans", Nebraska Society of Orthodontists, Omaha, Nebraska, April 2005
689. "Interdisciplinary dentistry: The key to managing complex treatment plans", Middle Bay Dental Study Club, Mobile, Alabama, April 2005
690. "Interdisciplinary guidelines for managing the debilitated dentition", Providence Plantations Dental Study Club, Providence, Rhode Island, April 2005
691. "Interdisciplinary management of anterior esthetic dilemmas: When, why and how?", Summit Dental Study Club, Colorado Springs, Colorado, April 2005
692. "Interdisciplinary management of anterior esthetic dilemmas: When, why and how?", Oregon State Dental Association, Portland, Oregon, April 2005
693. "Interdisciplinary management of the implant patient", Western Colorado Dental Society, Grand Junction, Colorado, April 2005
694. "Interdisciplinary management of anterior esthetic dilemmas: When, why and how?", Toledo Dental Society, Toledo, Ohio, April 2005
695. "Interdisciplinary management of anterior esthetic dilemmas: When, why and how?", Hamilton Dental Study Group, Hickory, North Carolina, April 2005

696. "Interdisciplinary management of the implant patient", Foothills Dental Continuum, Hickory, North Carolina, April 2005
697. "Interdisciplinary dentistry: The key to managing complex treatment plans", Western Ohio Dental Study Club, Dayton, Ohio, April 2005
698. "Excellence in finishing: What every young clinician should know", Virginia Commonwealth University Orthodontic Department, Richmond, Virginia, April 2005
699. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?" Washington DC Dental Study Clubs, McClean, Virginia, April 2005
700. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?" Jersey Coast Dental Society, Newark, New Jersey, May 2005
701. "Interdisciplinary management of the implant patient" Leventhal Spring Dental Meeting, Mount Pocono Resort, Pocono Manor, Pennsylvania, May 2005
702. "Interdisciplinary management of the implant patient" 6<sup>th</sup> District Dental Society, Binghamton, New York, May 2005
703. "Excellence in finishing: What every clinician should know", Pre-Congress Course, Polish Orthodontic Society, Lodz, Poland, May 2005
704. "Maxillary lateral incisor implants: Overcoming the esthetic challenges", Polish Orthodontic Society Annual Meeting, Lodz, Poland, May 2005
705. "Interdisciplinary dentistry: The key to managing complex treatment plans", with Drs. David Mathews and Frank Spear, British Orthodontic Society Spring Meeting, London, England, May 2005
706. "Interdisciplinary management of anterior esthetic dilemmas: When, why and how?" Central Coast District Dental Society, San Luis Obispo, California May 2005
707. "Effective teaching: The art of engagement", with Mary Kokich, American Association of Orthodontists Annual Meeting, San Francisco, California, May 2005
708. "Interdisciplinary management of anterior esthetic dilemmas: When, why and how?" 5<sup>th</sup> District Dental Society, Syracuse, New York, June 2005
709. "Excellence in finishing: What every young orthodontic resident should know", Graduate Orthodontic Seminar, New York University, Department of Orthodontics, New York, New York, June 2005

710. “Maxillary lateral incisor implants: Overcoming the esthetic challenges”, Visiting Faculty Lecture, New York University, School of Dentistry, New York, New York, June 2005
711. “Interdisciplinary management of the implant patient”, Alabama Dental Association and Alabama Association of Orthodontists, Perdido Beach, Alabama, June 2005
712. “Interdisciplinary management of the adult debilitated dentition”, Pennsylvania Association of Orthodontists, Hot Springs, Virginia, June 2005
713. “Interdisciplinary management of the implant patient”, 37<sup>th</sup> Annual Wendell Wylie Memorial Lecture, University of California San Francisco, San Francisco, California, June 2005
714. “Interdisciplinary management of multiple missing teeth in the esthetic zone”, with Drs. David Mathews and Frank Spear, American Academy of Esthetic Dentistry, Kona, Hawaii, August 2005
715. “Anterior dental esthetics: What every orthodontic resident should know”, Annual Graduate Orthodontic Resident’s Program, Seattle, Washington, August 2005
716. “Esthetic Dentistry: State of the art”, with Dr. Bjorn Zachrisson, Pre-Congress Course, 6<sup>th</sup> International Orthodontic Conference, World Federation of Orthodontists’ Meeting, Paris, France, September 2005
717. “Adult dentistry in the 21<sup>st</sup> century: The state of the art”, World Champion Lecture, 6<sup>th</sup> International Orthodontic Conference, World Federation of Orthodontists’ Meeting, Paris, France, September 2005
718. “Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?” and “Interdisciplinary management of the implant patient”, Croatian Orthodontic Society, Opatija, Croatia, September 2005
719. “Surgical and orthodontic management of impacted maxillary canines”, 2<sup>nd</sup> International Congress on Orthodontics, Orthodontic Societies of Serbia and Montenegro, Belgrade, Serbia, September 2005
720. “Excellence in finishing: Guidelines for managing the interdisciplinary patient”, Post-Congress Course, 2<sup>nd</sup> International Congress of Orthodontics, Orthodontic Societies of Serbia and Montenegro, Belgrade, Serbia, September 2005
721. “Interdisciplinary management of anterior dental esthetics”, American Dental Association Annual Meeting, Philadelphia, Pennsylvania, October 2005

722. “Interdisciplinary management of the implant patient”, Egger Dental Study Club, Newcastle, Washington, October 2005
723. “Adult orthodontics in the 21<sup>st</sup> century: State of the art”, Japan Orthodontic Society, Yokohama, Japan, October 2005
724. “Interdisciplinary management of the implant patient”, Valley Institute for Advanced Dental Education, Allentown. Pennsylvania, October 2005
725. “Adult orthodontic finishing: What every clinician should know”, Interdisciplinary Dental Education Academy (IDEA), Two-day Course on Adult Orthodontics, San Francisco, California, October 2005
726. “Interdisciplinary dentistry: The key to managing complex treatment plans”, University of Tennessee Graduate Orthodontic Program, Memphis, Tennessee, October 2005
727. “Surgical and orthodontic management of impacted maxillary canines”, Knoxville Orthodontic Study Group, Knoxville, Tennessee, October 2005
728. “Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?” , Second District Dental Society Annual Meeting, Knoxville, Tennessee, October 2005
729. “Interdisciplinary management of anterior esthetic dilemmas: When, why and how?” and “Altering vertical dimension in the ortho-perio-restorative patient”, Pre-Congress Course, Korean Association of Orthodontists, Jeju Island, South Korea, November 2005
730. “Adult orthodontics in the 21<sup>st</sup> century: State of the art”, Special Lecture, Korean Association of Orthodontists 38<sup>th</sup> Annual Scientific Session, Jeju Island, South Korea, November 2005
731. “Orthodontic finishing: Valuable information for the clinician”, Two-day Frankfurt Orthodontic Course, Frankfurt, Germany, November 2005
732. “Adult orthodontics in the 21<sup>st</sup> century: Are you prepared?”, Two-day Polish Orthodontic Course, Warsaw, Poland, November 2005
733. “Adult orthodontics in the 21<sup>st</sup> century: Are you prepared?”, Two-day Czech Orthodontic Course, Prague, Czech Republic, November 2005
734. “Interdisciplinary dentistry: The key to managing complex treatment plans”, DuPage Dental Implant Study Club, Naperville, Illinois, December 2005

735. "Surgical and orthodontic management of impacted maxillary canines", Jerusalem Orthodontic Symposium, Jerusalem, Israel, December 2005
736. "Interdisciplinary dentistry: The key to managing complex treatment plans", Thunderbird Dental Study Club, El Paso, Texas, January 2006
737. "Interdisciplinary management of the implant patient", Charleston Implant Study Group, Charleston, South Carolina, January 2006
738. "Interdisciplinary management of anterior esthetic dilemmas: When, why and how?", Outer Loop Education of Charlotte, Charlotte, North Carolina, January 2006
739. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?", Thurston-Mason County Dental Society, Olympia, Washington, February 2006
740. "Interdisciplinary management of anterior esthetic dilemmas: When, Why, and how?", Jamaican Dental Association, Ocho Rios, Jamaica, February 2006
741. "Single-tooth implants: An interdisciplinary challenge" and "Surgical and orthodontic management of impacted maxillary canines", North Carolina Society of Periodontists, Greensboro, North Carolina, February 2006
742. "Interdisciplinary management of anterior esthetic dilemmas: When, Why, and How?", Summit Dental Study Club, Tulsa, Oklahoma, February 2006
743. "Surgical and orthodontic management of impacted maxillary canines", Graduate Orthodontic Seminar, St. Louis University, St. Louis, Missouri, February 2006
744. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?", The Indianapolis Study Club, Indianapolis, Indiana, March 2006
745. "Interdisciplinary dentistry: The key to managing complex treatment plans", Minneapolis Academy of Gnathologic Research, Minneapolis, Minnesota, March 2006
746. "Adult orthodontics in the 21<sup>st</sup> century: State of the art", Taiwan Association of Orthodontists, Taipei, Taiwan, March 2006
747. "Interdisciplinary dentistry: The key to managing complex treatment plans", Waukesha County Dental Society, Waukesha, Wisconsin, March 2006
748. "Interdisciplinary management of anterior esthetic dilemmas: What, when, and how?", 9<sup>th</sup> Annual Yamaguchi Memorial Lecture, Los Angeles, California, March 2006

749. "Altering vertical dimension: The orthodontic possibilities", NYU Faculty Lecture, New York University School of Dentistry, New York, New York, March 2006
750. "Interdisciplinary dentistry: The key to managing complex treatment plans", Greater Loudoun Study Club, Leesburg, Virginia, March 2006
751. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?", Central Illinois Study Club, Champaign, Illinois, April 2006
752. "Lateral incisor implants: Overcoming the esthetic challenges", Partnership Study Club, Walnut Creek, California, April 2006
753. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?" and "Lateral incisor implants: Overcoming the esthetic challenges", Catalyst Study Club, Castro Valley, California, April 2006
754. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?" Greater Long Island Dental Meeting, Melville, New York, April 2006
755. "Managing treatment for the orthodontic patient with periodontal problems", University of North Carolina Orthodontic Residency, Chapel Hill, North Carolina, April 2006
756. "Interdisciplinary management of the implant patient", Pinnacle Study Club of Tampa Bay, Tampa, Florida, April 2006
757. "Diagnosing and treating the interdisciplinary esthetic patient", UCLA Japanese Continuing Education Course, University of California Los Angeles, Los Angeles, California, May 2006
758. "Surgical and orthodontic management of impacted maxillary canines", American Academy of Periodontology Orthodontic-Periodontic Meeting, Chicago, Illinois, May 2006
759. "Contemporary adult orthodontics: Are your occlusal objectives realistic?", Edward H. Angle Memorial Lecture, American Association of Orthodontists Annual Meeting, Las Vegas, Nevada, May 2006
760. "Interdisciplinary management of anterior esthetic dilemmas: When, why and how?" Troy Dental Study Group, Troy, Michigan, May 2006
761. "Interdisciplinary management of tooth display and gingival relationships", (with Dr. Frank Spear), American Academy of Cosmetic Dentistry, San Diego, California, May 2006

762. “Interdisciplinary management of patients with missing anterior teeth”, (with Dr. Frank Spear), American Academy of Cosmetic Dentistry, San Diego, California, May 2006
763. “Interdisciplinary management of the implant patient”, Newport Harbor Academy of Dentistry, Newport Beach, California, May 2006
764. “Adult orthodontics in the 21<sup>st</sup> century: Are you prepared?- Part 1: Ortho-Perio Interactions”, Two-day Course at the Interdisciplinary Dental Education Academy (IDEA), San Francisco, California, June 2006
765. “Surgical and orthodontic management of impacted maxillary canines” and “Single-tooth implants for the adolescent orthodontic patient”, Washington State Society of Oral and Maxillofacial Surgeons, Bellevue, Washington, June 2006
766. “Surgical and orthodontic management of impacted teeth” and “Managing treatment for the orthodontic patient with periodontal problems”, Two-day Course on Orthodontic-Periodontic Interactions, Berlin and Brandenburg Society of Orthodontics, Berlin, Germany, June 2006
767. “Interdisciplinary management of anterior esthetic dilemmas: The problems of overbite and overjet” with Drs. David Mathews and Frank Spear, Pacific Coast Society of Prosthodontists, Portland, Oregon, June 2006
768. “Excellence in finishing: What every young orthodontist should know” and “Adult orthodontics: Are your treatment objectives realistic?”, Baylor Orthodontic Graduation Lecture, Baylor College of Dentistry, Dallas, Texas, August 2006
769. “Adult orthodontics in the 21<sup>st</sup> century: Are you prepared?”, 4<sup>th</sup> Dental Press International Orthodontic Conference, Maringa, Parana, Brazil, September 2006
770. “Surgical and orthodontic management of impacted maxillary canines”, “Managing orthodontic treatment for the adult patient with periodontal problems”, and “Interdisciplinary management of patients with midline, crown length, and papilla problems”, Orthodontic Society of Paraguay, Asuncion, Paraguay, September 2006
771. “Interdisciplinary dentistry: The key to managing complex treatment plans”, Second District Dental Society Annual Meeting, Charlotte, North Carolina, September 2006
772. “Orthodontic Finishing: What every clinician should know”, Pre-Congress Course, 10<sup>th</sup> International Congress of Turkish Orthodontic Society, Istanbul, Turkey, September 2006

773. “Maxillary lateral incisor implants: Overcoming the esthetic challenges”, Keynote Address, 10<sup>th</sup> International Congress of Turkish Orthodontic Society, Istanbul, Turkey, September 2006
774. “Interdisciplinary dentistry: The key to managing complex treatment plans”, Palo Alto Dental Study Club, San Martin, California, October 2006
775. “Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?” Auburn Dental Study Club, Auburn, Washington, October 2006
776. “Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?” DuPage Dental Study Club, Naperville, Illinois, October 2006
777. “Interdisciplinary dentistry: The key to managing complex treatment plans”, Lancaster County Dental Study Club, Lancaster, Pennsylvania, October 2006
778. “Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?”, American Dental Association Annual Meeting, Las Vegas, Nevada, October 2006
779. “Adult orthodontics in the 21<sup>st</sup> century: Are you making the correct decisions?”, University of Michigan Orthodontic Alumni Association, Ann Arbor, Michigan, October 2006
780. “Interdisciplinary management of the implant patient” with Drs. David Mathews and Frank Spear, Royal College of Surgeons of Ireland, Dublin, Ireland, October 2006
781. “Interdisciplinary management of implants in the esthetic zone”, with Drs. David Mathews and Frank Spear, Danish Society of Oral Implantology, Aarhus, Denmark, October 2006
782. “Interdisciplinary management of dental esthetics”, with Drs. David Mathews and Frank Spear, Two-day Continuing Education Course, Tegernsee, Germany, October 2006
783. “Interdisciplinary dentistry: The key to managing complex treatment plans”, Delta Dental Study Club, Antioch, California, November 2006
784. “Adult Orthodontics in the 21<sup>st</sup> Century: Are you prepared?” Part 2 – “Adult Orthodontic Finishing”, IDEA Two-day Continuing Education Course, Foster City, California, November 2006
785. “Interdisciplinary management of the implant patient”, Greater Philadelphia Society of Orthodontists, Philadelphia, Pennsylvania, November 2006

786. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?" Calgary and District Dental Society, Calgary, Alberta, November 2006
787. "Interdisciplinary dentistry: The key to managing complex treatment plans", Tri-County Dental Society, Hanover, New Jersey, November 2006
788. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?", Atlanta Dental Study Club, Atlanta, Georgia, November 2006
789. "Interdisciplinary dentistry: The key to managing complex treatment plans", South Florida Dental Study Clubs, Ft. Lauderdale, Florida, November 2006
790. "Excellence in orthodontic finishing: What every clinician should know", Pre-Conference Course, Indian Orthodontic Society, Chennai, India, November 2006
791. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?", IOS Oration Lecture, Indian Orthodontic Society, Chennai, India, November 2006
792. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?", Granite State Dental Study Club, Manchester, New Hampshire, December 2006
793. "Implant anchorage: The interdisciplinary connection", American Association of Oral and Maxillofacial Surgeons Annual Implant Conference, Chicago, Illinois, December 2006
794. "Interdisciplinary management of the implant patient", Study Club of Northwest Indiana, Merrillville, Indiana, December 2006
795. "Surgical-orthodontic management of impacted maxillary canines", University of Minnesota Orthodontic Program, Minneapolis, Minnesota, January 2007
796. "Adult orthodontics in the 21<sup>st</sup> century: Are you making the correct treatment decisions?", Minnesota Association of Orthodontists, Minneapolis, Minnesota, January 2007
797. "Pre-prosthetic orthodontics for the restorative patient with underlying periodontal osseous defects", Mt. Baldy Dental Study Club, Upland, California, January 2007
798. "Excellence in finishing: Modifications for the perio-restorative patient", "Interdisciplinary dentistry: The key to modifying complex treatment plans", "Surgical and orthodontic management of impacted maxillary canines", XXVII Meeting of the Orthodontic College of Nuevo Leon, Monterrey, Mexico, January 2007

799. "Interdisciplinary management of anterior esthetic dilemmas: The problems of overjet and overbite", National Meeting of the Seattle Study Clubs, Naples, Florida, January 2007
800. "Interdisciplinary management of multiple missing anterior teeth", with Drs. Frank Spear and David Mathews, AAO Interdisciplinary Conference 2007, Indian Wells, California, February 2007
801. "Interdisciplinary management of the implant patient", Advanced Implant and Perio Study Group, Louisville, Kentucky, February 2007
802. "Interdisciplinary management of the worn dentition" with Drs. Frank Spear and David Mathews, American Equilibration Society, Chicago, Illinois, February 2007
803. "Managing orthodontic treatment for the adult patient with periodontal problems", St. Louis University Orthodontic Residents' Presentation, St. Louis, Missouri, February 2007
804. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?", Boulder County Dental Society, Boulder, Colorado, March 2007
805. "Interdisciplinary management of the implant patient", Columbine Periodontal Study Group, Englewood, Colorado, March 2007
806. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?", Southwest Ohio Dental Study Club and Northern Kentucky Dental Study Club, Cincinnati, Ohio, March 2007
807. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?", Greater Pensacola Dental Study Club, Pensacola, Florida, March 2007
808. "Interdisciplinary management of the implant patient", Lake Pontchartrain Study Club and Crescent City Study Club, New Orleans, Louisiana, March 2007
809. "Excellence in orthodontic finishing: What every clinician should know", VII International Conference on Orthodontics of the University of Antioquia, Medellin, Colombia, March 2007
810. "Interdisciplinary dentistry: The key to managing complex treatment plans" and "Missing maxillary lateral incisors: The challenges of single-tooth implants", Richard Rohrer Study Club, Rochester, New York, March 2007
811. "Interdisciplinary management of anterior esthetic dilemmas: When, why and how?", Pinnacle Dental Study Club, Mt. Laurel, New Jersey, March 2007

812. "Interdisciplinary management of the implant patient", Jersey Coast Dental Forum, Eatontown, New Jersey, March 2007
813. "Pre-restorative orthodontics for the adult patient with periodontal problems", Premier Dental Study Club, Montreal, Quebec, March 2007
814. "Interdisciplinary management of the implant patient", Kalant Dental Group, Naperville, Illinois, April 2007
815. "Interdisciplinary dentistry: The key to managing complex treatment plans" Connecticut Dental Association Regional Meeting, Plantsville, Connecticut, April 2007
816. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?", Connecticut Dental Association Regional Meeting, Darien, Connecticut, April 2007
817. "Temporary anchorage devices in orthodontics: Is the technique supplanting diagnostic logic?" New-Conn Biennial Growth Symposium, White Plains, New York, April 2007
818. "Interdisciplinary management of the implant patient", Oakland County Dental Society, Birmingham, Michigan, April 2007
819. "Adult orthodontics in the 21<sup>st</sup> century: Part 1 - Managing treatment for the orthodontic patient with periodontal problems", Two-day CE Course on Adult Orthodontics, IDEA (Interdisciplinary Dental Education Academy), San Francisco, California, April 2007
820. "Interdisciplinary management of the implant patient", Vision Dental Study Club, Lakeland, Florida, April 2007
821. "Surgical and orthodontic management of the implant patient" and "Single-tooth implants in the adolescent orthodontic patient", Arizona Society of Oral and Maxillofacial Surgeons, Scottsdale, Arizona, April 2007
822. "Interdisciplinary management of esthetics", and "Interdisciplinary management of the implant patient", Japanese Dental Group, Seattle, Washington, May 2007
823. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?" and "Single-tooth implants: The interdisciplinary challenge", Downingtown Dental Group, Downingtown, Pennsylvania, May 2008
824. "Controversies in interdisciplinary dentistry: Is your team making the correct decisions", with Drs. Frank Spear and David Mathews, 2007 John Valentine

Mershon Lecture, American Association of Orthodontists' Meeting, Seattle, Washington, May 2007

825. "Adult orthodontics: Are you making the correct treatment decisions" and "Options for managing the orthodontic patient with missing maxillary incisors", Italian Society for Bidimensional Technique, Rome, Italy, May 2007
826. "Orthodontic finishing: What every clinician should know", Pre-Congress Course, Spanish Orthodontic Society (SEDO), Cadiz, Spain, June 2007
827. "Single-tooth implants for the adolescent orthodontic patient", 53<sup>rd</sup> Congress of the Spanish Society of Orthodontics (SEDO), Cadiz, Spain, June 2007
828. "Altering alveolar bone: The orthodontic possibilities", 9<sup>th</sup> International Symposium on Periodontics and Restorative Dentistry, Boston, Massachusetts, June 2007
829. "Interdisciplinary management of the implant patient", Mt. Baker Dental Study Club, Burlington, Washington, June 2007
830. "Interdisciplinary management of the implant patient", Calgary Prosthodontic Seminars, Calgary, Alberta, June 2007
831. "Interdisciplinary management of anterior esthetic dilemmas: When, why and how?", "Adult orthodontics: Are your treatment objectives realistic?", "Orthodontic finishing: What every clinician should know" Two-day Pre-Congress Course, IV International Congress, Ateneo de Argentino Odontologia, Buenos Aires, Argentina, June 2007
832. "Surgical and orthodontic management of impacted teeth", IV International Congress, Ateneo de Argentino Odontologia, Buenos Aires, Argentina, June 2007
833. "Effective teaching: The art of engagement", with Mary Kokich, American Academy of Esthetic Dentistry, The Broadmoor Resort, Colorado Springs, Colorado, August 2007
834. "Two-day course on orthodontic treatment for adults", South African Society of Orthodontics, Pretoria, South Africa, September 2007
835. "Interdisciplinary management of anterior esthetic dilemmas: When, why and how?", Elite Dental Study Club, Chicago, Illinois, September 2007
836. "Managing treatment for the patient with significant root resorption", Northwest Regional Meeting of the Seattle Study Clubs, Seattle, Washington, September 2007
837. "Managing orthodontic treatment for the adult patient with periodontal problems", "Contemporary adult orthodontics: Are your occlusal objectives realistic",

- “Temporary anchorage devices in orthodontics: Is the technique supplanting diagnostic logic”, Roth Memorial Symposium, Rome, Italy, September 2007
838. “Controversies in interdisciplinary dentistry: Are you making the correct treatment decisions”, Two-day Course with Drs. Frank Spear and David Mathews, GAK Annual Conference, Esslingen, Germany, September 2007
839. “Interdisciplinary management of anterior esthetics”, Forestadent Jubilee Symposium, Palma de Mallorca, Spain, September 2007
840. “Interdisciplinary management of the implant patient”, Charlotte Periodontal Study Group, Charlotte, North Carolina, October 2007
841. “Interdisciplinary management of anterior esthetics”, Partnership Dental Study Club, Walnut Creek, California, October 2007
842. “Adult orthodontic finishing: What every clinician should know”, Two-day course, Interdisciplinary Dental Education Academy, Foster City, California, October 2007
843. “Interdisciplinary dentistry: The key to managing complex treatment plans”, Nova Institute, McLean, Virginia, October 2007
844. “Interdisciplinary management of anterior esthetic dilemmas” and “Interdisciplinary dentistry: Are your treatment objectives realistic?”, Bethesda Naval Dental Residency Program, Bethesda, Maryland, October 2007
845. “Interdisciplinary management of the implant patient”, Casco Bay Dental Study Club, Portland, Maine, October 2007
846. “Interdisciplinary management of anterior esthetics and implants”, Alpha Omega Dental Meeting, Boston, Massachusetts, October 2007
847. “Pre-prosthetic orthodontics for the adult restorative patient with periodontal problems”, Blue Ribbon Seminars, Bozeman, Montana, October 2007
848. “Orthodontic and nonorthodontic root resorption: Their impact on clinical dentistry”, Distinguished Professorship, University of Washington School of Dentistry, Seattle, Washington, November 2007
849. “Adult orthodontic finishing: What every clinician should know” and “Managing treatment for the orthodontic patient with periodontal problems”, Tufts Orthodontic Alumni Association, Elbow Beach, Bermuda, November 2007
850. “Interdisciplinary dentistry: The key to managing complex treatment plans”, Chicago Area Study Clubs (3), Chicago, Illinois, November 2007

851. "Interdisciplinary management of the implant patient" and "Orthodontic and nonorthodontic root resorption: Their impact on restorative dentistry", SSC of Central New England, Worcester, Massachusetts, November 2007
852. "Interdisciplinary management of the implant patient" and "Orthodontic and nonorthodontic root resorption: Their impact on restorative dentistry", High Point Dental Study Club, High Point, North Carolina, November 2007
853. "Interdisciplinary orthodontics: The key to managing complex situations", Pre-Congress Course, BSSO Meeting, Haarlem, The Netherlands, December 2007
854. "Surgical and orthodontic management of impacted teeth" and "Implant site development: The orthodontic possibilities", BSSO Biennial Meeting, Haarlem, The Netherlands, December 2007
855. "Surgical and orthodontic management of impacted maxillary canines" and "Single-tooth implants for the adolescent orthodontic patient", Kansas Association of Orthodontists, Lawrence, Kansas, January 2008
856. "Altering alveolar bone: The orthodontic possibilities" XV Annual International Symposium in Oral and Maxillofacial Surgery, Kona, Hawaii, January 2008
857. "Clinical controversies in interdisciplinary dentistry: Is your team making the correct decisions", "Managing restorative treatment for the post-orthodontic patient with severe root resorption", and "Treatment strategies for managing the patient with multiple missing anterior teeth", SSC Annual Meeting, Wailea, Maui, January 2008
858. "Adult orthodontics in the 21<sup>st</sup> century: Are you creating the appropriate treatment goals?", University of Houston Orthodontic Alumni Association, Houston, Texas, January 2008
859. "Interdisciplinary management of the implant patient", The Atlanta Dental Study Club, Atlanta, Georgia, February 2008
860. "Surgical and orthodontic management of impacted teeth" and "Interdisciplinary management of the implant patient", Iowa Society of Oral and Maxillofacial Surgery, Des Moines, Iowa, February 2008
861. "Interdisciplinary Treatment Planning: Are your objectives realistic", Impact Austin Dental Study Club, Austin, Texas, February 2008
862. "Single-tooth implants for the adolescent orthodontic patient" and "Surgical and orthodontic management of impacted teeth", Florida Association of Periodontists, Orlando, Florida, February 2008

863. “Interdisciplinary management of anterior dental esthetics”, XVI Congress of the Federation of Associations of Orthodontists of Central America, Panama City, Panama, February 2008
864. “Interdisciplinary management of anterior dental esthetics”, Victoria and District Dental Society, Victoria, British Columbia, Canada, February 2008
865. “Interdisciplinary management of debilitated dentitions: Are your treatment plans realistic”, New Jersey Dental Forum, Eatontown, New Jersey, February 2008
866. “Single-tooth implants for the adolescent orthodontic patient”, Ruffeto Orthodontic Study Group, Glen Mills, Pennsylvania, February 2008
867. “Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?”, Valley Forge Dental Conference, King of Prussia, Pennsylvania, February 2008
868. “Interdisciplinary orthodontics: Are your treatment objectives realistic?”, “Managing treatment for the orthodontic patient with periodontal problems”, “Interdisciplinary management of anterior dental esthetics”, and “Orthodontic finishing: What every clinician should know”, 9<sup>th</sup> Praxisforum Conference, Zermatt, Switzerland, March 2008
869. “Adult orthodontics in the 21<sup>st</sup> century: Are you prepared – Part 1 – Managing treatment for the orthodontic patient with periodontal problems”, Interdisciplinary Dental Education Academy, Foster City, California, March 2009
870. “Interdisciplinary guidelines for managing the debilitated dentition: Are your treatment objectives realistic?”, Somerset Dental Study Club, Bridgewater, New Jersey, March 2008
871. “Adult orthodontics in the 21<sup>st</sup> century: Making the correct treatment decisions for even the most debilitated dentitions”, Pre-Conference Course, Asian Pacific Orthodontic Conference, Bangkok, Thailand, March 2008
872. “Single-tooth implants: An interdisciplinary challenge”, Keynote Lecture, Asian Pacific Orthodontic Conference, Bangkok, Thailand, March 2008
873. “Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?”, Canton Comprehensive Dental Forum, Canton, Ohio, March 2008
874. “Interdisciplinary dentistry: The key to managing complex treatment plans”, Indiana Area Seattle Study Clubs (6 Clubs), Indianapolis, Indiana, April 2008
875. “Managing treatment for the orthodontic patient with periodontal problems”, Illinois Society of Orthodontists, Oak Brooke, Illinois, April 2008

876. "Orthodontic finishing: Art or science?", Orthodontic Spring Break, Accademia Italiana de Ortodonzia, Venice, Italy, April 2008
877. "Interdisciplinary orthodontics: Are we making the correct treatment decisions?", Two-day Course, Norta Orthodontic Meeting, Saint Petersburg, Russia, April 2008
878. "Interdisciplinary orthodontics: The key to managing complex treatment plans", Pre-Congress Course, Annual Meeting of the German Board of Orthodontics Meeting, Bonn, Germany, April 2008
879. "Managing treatment for the adult orthodontic patient with periodontal problems", Two-day Continuing Education Course, Potsdam, Germany, April 2008
880. "Managing treatment for the adult orthodontic patient with periodontal problems", Two-day Continuing Education Course, Warsaw, Poland, April 2008
881. "Managing treatment for the adult orthodontic patient with periodontal problems", Two-day Continuing Education Course, Bratislava, Slovakia, April 2008
882. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?", International Meeting on Esthetic Orthodontics, Orthodontic Association of Bahia, Salvador, Bahia, Brazil, May 2008
883. "Interdisciplinary dentistry: The key to managing complex treatment plans", Greater Chesapeake Dental Study Club, Fallston, Maryland, May 2008
884. "Single-tooth implants for the adolescent orthodontic patient", Eckert Dental Study Club, Doylestown, Pennsylvania, May 2008
885. "Interdisciplinary treatment planning: The key to managing complex cases", Quakertown Dental Study Club and Extra Mile Dental Study Club, Plymouth Meeting, Pennsylvania, May 2008
886. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?" 14<sup>th</sup> Annual Handelman Lecture, Eastman Dental Center and 7<sup>th</sup> District Dental Society, Rochester, New York, May 2008
887. "Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?" Englewood Cliffs Dental Study Club, Englewood, New Jersey, May 2008
888. "Temporary anchorage devices in orthodontics: Is the technique supplanting diagnostic logic?", American Association of Orthodontists' Annual Meeting, Denver, Colorado, May 2008

889. “Correcting the unesthetic smile: Why, when, and how?” and “Managing restorative treatment for the postorthodontic patient with moderate to severe root resorption”, Seattle Study Clubs International Meeting, Tegernsee, Germany, May 2008
890. “Interdisciplinary management of missing teeth in the esthetic zone”, with Drs. David Mathews and Frank Spear, Spanish Society of Periodontists Meeting, Bilbao, Spain, May 2008
891. “Interdisciplinary management of anterior esthetics” and “Single-tooth implants for the adolescent orthodontic patient”, Drobocky Dental Study Group, Bowling Green, Kentucky, May 2008
892. “Interdisciplinary dentistry: Guidelines for managing complex treatment plans”, Southern Nevada Premier Study Club, Las Vegas, Nevada, June 2009
893. “Interdisciplinary management of anterior dental esthetics”, Keynote Lecture of the Academy of Clinical Dentistry, Tokyo, Japan, June 2008
894. “Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?”, Keynote Lecture, Indonesian Association of Orthodontists, Bali, Indonesia, June 2008
895. “Single-tooth implants: Managing the patient with congenitally missing teeth”, Nanaimo Dental Meeting, Nanaimo, British Columbia, Canada, September 2008
896. “Interdisciplinary management of anterior dental esthetics”, Tin Grin Dental Meeting, Courtenay, British Columbia, Canada, September 2008
897. “Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?”, John Cunat Lecture, University of Buffalo, September 2008
898. “Interdisciplinary esthetics: Do we need to make everybody perfect?”, University of Michigan Clinical Research Symposium, Ann Arbor, Michigan, September 2008
899. “Interdisciplinary management of the implant patient”, 5280 Seattle Study Club, Thornton, Colorado, September 2008
900. “Interdisciplinary management of anterior dental esthetics” and “Single-tooth implants and the adolescent orthodontic patient: The esthetic keys”, Ohio Dental Association Annual Meeting, Columbus, Ohio, September 2008
901. “Single-tooth implants for the adolescent orthodontic patient: The esthetic keys”, 5<sup>th</sup> Annual Dental Implant Symposium, Loma Linda School of Dentistry, Loma, Linda, California, September 2008

902. “Interdisciplinary management of anterior esthetic dilemmas: When, why, and how?” Ottawa Dental Society, Ottawa, Canada, September 2008
903. “Enhancing the unesthetic smile”, “Temporary anchorage devices in orthodontics: Is the technique supplanting diagnostic logic”, “Orthodontic finishing: Art or science” (with Dr. Vincent O. Kokich, Jr. , Dutch Association of Orthodontists, Haarlem, The Netherlands, October 2008
904. “Interdisciplinary management of anterior dental esthetics”, with Dr. Frank Spear, Belgian Academy of Esthetic Dentistry, Oostende, Belgium, October 2008
905. “Interdisciplinary management of the implant patient”, Portland area Seattle Study Clubs, Portland, Oregon, October 2008
906. “Adult orthodontic finishing: What every clinician should know” – Part II- Ortho-Restorative Considerations, IDEA Two-day continuing education course, San Francisco, California, October 2008
907. “Managing restorative treatment for the postorthodontic patient with significant root resorption” Pierce County Dental Society, Tacoma, Washington, October 2008
908. “Interdisciplinary management of the implant patient”, Great Plains Dental Study Club, Overland Park, Kansas, October 2008

### **Teaching Responsibilities**

ORTHODONTIC TECHNIQUE (Ortho 597)  
 OROFACIAL BIOLOGY (Ortho 580)  
 ORTHODONTIC DIAGNOSIS AND TREATMENT PLANNING (Ortho 520)  
 GRADUATE ORTHODONTIC RESEARCH (Ortho 600)  
 GRADUATE ORTHODONTIC SEMINAR (Ortho 560)  
 GRADUATE ORTHODONTIC CLINIC (Ortho 660)

### **Graduate Thesis Supervision - M.S.D. Candidates**

- 1975**      Committee Member   Michael Miroue and Larry Rosenberg  
 The Human Facial Sutures: A Morphological and Histologic Study of Age Changes from 20-95 Years.
- 1976**      Committee Member   Marc Joondeph  
 An Autoradiographic Investigation of the Temporomandibular Articulation in the Growing *Macaca mulatta*.

Committee Member William Giles  
Autoradiographic Study of *Macaca mulatta*.\*

Committee Member Jeff Severson.  
A Histologic Study of Age Changes in the Adult Human Periodontal Joint.\*

**1977** Committee Member Henry Fields  
The Craniofacial Skeleton in Anencephalic Human Fetuses.\*

Committee Member Jim Garol  
The Craniofacial Skeleton in Anencephalic Human Fetuses.\*

Committee Member Lou Metzner  
The Craniofacial Skeleton in Anencephalic Human Fetuses.\*

**1978** Chairman Laurence Mabbutt  
Calvarial and Sutural Redevelopment Following Craniectomy in the Neonatal Rabbit.\*

Committee Member Heidemarie Brandt  
The Morphologic and Histologic Responses of Facial Sutures to Posteriorly Directed Extraoral Traction to the Maxilla of Adult, Nongrowing *Macaca Fascicularis*.\*

Committee Member Gregory Guyman  
Ankylosed Teeth as Abutments for Palatal Expansion in the Rhesus Monkey.\*

Committee Member Patrick Turley  
The Loading of Bioglass Implants to Produce Premaxillary Expansion in *Macaca mulatta*.\*

Committee Member David Witzel  
Long-term Stability of the Mandibular Arch Following Differential Management of Arch Length Deficiencies.

**1979** Committee Member Dan Yaillen  
A Long-term Study of Masticatory Function and TMJ Structure Following Unilateral Meniscectomy in Non-Growing *Macaca Fascicularis*.\*

Committee Member John Ive  
A Morphologic, Histologic, and Radiographic Study of the Age Changes in  
the Macaca Nemestrina Periodontal Joint.\*

Committee Member Bryan Williams  
Experimental Sutural Fusion in Primates.

Chairman Janice Yip  
The Effect of High Doses of Retinic Acid on the Prenatal Growth and  
Development of the Craniofacial Complex in Macaca Nemestrina.\*

Chairman K.C. Woon  
Descriptive Investigation of the Craniofacial Morphology in a Set of Twins  
with Premature Cranial Suture Synostosis.\*

Committee Member Glenn McMinn  
The Response of the Periosteum to Growth of Craniofacial Sutures in the  
Guinea Pig.\*

Committee Member Donald Gardner  
A Morphologic and Histologic Study of the Changes in the Facial Skeleton of  
the Guinea Pig after Inducing a Lesion of the Motor Nucleus of the  
Trigeminal Nerve.\*

Committee Member David Parks  
An Investigation of the Effects of Periostomy on the Growth of the Condyle in  
the Rabbit.

**1980** Committee Member Brent May  
A New Bioglass Endosseous Implanting Technique.\*

Committee Member Oscar Muguerza  
Periosteum Fiber Release as a Method of Reducing Dental Relapse after Slow  
Maxillary Expansion in Macaca Nemestrina.\*

Chairman William Foley  
Histologic and Morphologic Changes after Immobilization of a Coronal  
Suture with Isobutyl Cyanoacrylate in Rabbits.\*

Chairman Claude Mossaz  
Experimental Regeneration of the Calvarium in Adult Rabbit.\*

- 1981**      Chairman                  Chun-Han Ngim  
The Cyclopia Variant of Holoprosencephaly: An Anatomic, Cephalometric,  
and Histologic Study of Two Specimens.\*
- Committee Member   Terry Tingey  
Selective Retardation of the Calvarium in the Adult Rabbit.\*
- Committee Member   Victor Johansen  
Identification and Capacity of the Experimental and postexperimental  
response to anteriorly directed extraoral force in young *Macaca nemestrina*.\*
- Committee Member   Gary Wolf  
The Response of the Periosteum of a Depository Field in the Growing Guinea  
Pig.\*
- 1982**      Chairman                  Dennis Nappen  
Histologic Evaluation of Premature Sutural Synostosis in Young Rabbits.\*
- Committee Member   Dante Bresolin  
Allergic Rhinitis: Its Effect on Mode of Breathing and Its Relationship to  
Characteristics of the Facial Skeleton and the Dentition.\*
- Committee Member   Carol Wishart  
Histologic Study of the Periodontal Joint in the Deciduous Dentition.
- Committee Member   Haruo Ishikawa  
Histologic Study of of Early Sutural Development in Prenatal *Macaca  
nemestrina*.
- 1983**      Chairman                  Walter Rye  
A Twin Study to Investigate the Effects of Frankel's Function Regulator Type  
2 Treatment on the Facial Skeleton and Dentition of Growing Class II  
Individuals.\*
- Committee Member   Douglas Klein  
An Attempt to Establish an Epithelial Attachment on an Endosseous Implant.\*
- Chairman                  Randy Inouye  
Fetal Alcohol Syndrome: An Examination of Craniofacial Dymorphology in  
*Macaca nemestrina*.\*

- 1984** Chairman Kenneth Agronin  
An Analysis of Variation in Glenoid Fossa Position During Growth.\*
- Chairman Scott Nash.  
Compensatory Growth Potential of Cranial Bone Suture Autotransplants in the Rabbit.\*
- Committee Member Alan Irvin  
Analysis of the Effect of Anterior Displacement of the Mandible on the TMJ.\*
- Committee Member Herman Wilbrand.  
Mandibular Dimensional Variation in Malocclusion.
- 1985** Chairman Trent Rencher  
An Analysis of Variation of Glenoid Fossa Position in Untreated Individuals with Malocclusions.
- Chairman Stewart Rohrer and Gary May  
Extirpation, in vivo Culturing, and Reimplantation of Cranial Suture Area in the Young Rabbit.\*
- Committee Member Dennis Winn  
Prenatal Calvarial Bone Growth in *Macaca nemestrina*.
- Committee Member Sara Devine  
A Qualitative Assay for the Resistance of Dental Tissues to Invasion.\*
- 1986** Committee Member Ward Smalley  
Osseointegrated Titanium Implants as Skeletal Anchorage Units for Maxillofacial Protraction in Monkeys.\*
- Committee Member Cynthia Rosenberg  
Identification of Noncollagenous Proteins in the Developing Mouse Calvaria.\*
- Committee Member John Walsh  
Replantation of Teeth in Cats: The Effects of Indomethacin on External Root Resorption.\*
- 1987** Chairman Barbara Scheller  
Cephalometric analysis of *macaca nemestrina* exposed to ethanol in utero.\*

- 1988** Chairman Tim Denison  
Anterior openbite malocclusion: A posttreatment cephalometric evaluation of surgically treated adult patients.\*
- Committee Member Robert Caskey  
Stability of mandibular lengthening using sagittal split osteotomies with rigid bicortical screw fixation.\*
- 1989** Chairman Greg Huang  
Long-term stability of open bites treated with crib therapy.\*
- 1990** Chairman Jay Zuroff  
Anterior open-bite malocclusion: A ten-year postretention cephalometric evaluation of orthodontically treated patients.
- Committee Member Thien Bui  
Mandibular incisor extraction: Ten-year postretention stability.\*
- Committee Member Tom Popp  
Pulpal response to orthodontic tooth movement in adolescents: A radiographic study.\*
- 1991** Chairman Davis Witt  
Long term stability of increasing lower anterior facial height with mandibular sagittal osteotomies.\*
- 1992** Committee Member Michelle Emigh  
Aponeurosis deformation in the masseter muscle of the miniature pig.\*
- 1993** Committee Member David Covell  
Migration of the periosteum in the mandibles of growing guinea pigs.\*
- Chairman Scott Ostler  
Ridge resorption in the patient congenitally missing mandibular second premolars.\*
- 1994** Chairman Mike Vermette

Uncovering maxillary labial impactions. Apically positioned flap versus closed eruptions.\*

- 1995**      Committee Member      Yea-Hwe Chong  
A longitudinal study on the effects of maxillary protraction for correction of crossbite.\*
- Committee Member      Douglas Knight  
A longitudinal analysis of occlusal tooth wear from the mixed to late permanent dentition.\*
- Committee Member      Paul Nelson  
Crestal alveolar bone loss of maxillary anterior teeth in adult orthodontic patients.\*
- 1996**      Committee Member      John Freeman  
Strain patterns in the pig zygomatic arch following fixation of the zygomatico-squamosal suture.\*
- 1997**      Chairman                      Ross Drangsholt  
Comparing restorations for missing laterals.
- Committee Member      Francine Lo  
Correction of open bite with surgery.\*
- Committee Member      Dafna Shashua  
Stability of diastema closure.\*
- 1998**      Chairman                      Piotr Fudalej  
Single-tooth implants in postpubertal patients: How to determine the cessation of facial growth\*
- 1999**      Chairman                      Jackie Kurth  
Incidence and causes of open gingival embrasures in adult orthodontic patients.\*

\* published

### **Administration and/or Dental School Service**

Co-chairman, Ad Hoc Basic and Bridge Sciences Subcommittee, 1979  
Chairman, Ad Hoc Subcommittee on Electives, 1981  
Chairman, Ad Hoc Subcommittee on Faculty Development, 1982-83  
Member, Search Committee for Faculty Development Facilitator, 1983  
Member, Research Advisory Committee, 1983-1986  
Member, Search Committee for Chairman, Department of Orthodontics, 1984  
Member, Appointments, Promotions, and Tenure Committee, 1986-1991  
Member, Nominations and Elections Committee, 1987-1990  
Member, Scientific Review Committee, Clinical Dental Research Center, 1990-1996

### **Community Service**

Member, South Puget Sound Cleft Palate Review Board

6/08