

CURRICULUM VITAE as of December 2015

Fred C. Quarnstrom, D.D.S.,
F.A.D.S.A., F.A.G.D., F.I.C.D., F.A.C.D., C.D.C.

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Place and date of birth: Yakima, WA - October 12, 1940

Pre Doctoral Education:

Sunnyside Grade School, Sunnyside, WA
Sunnyside High School, Sunnyside, WA
University of Washington, College of Arts and Sciences, 1958-1959
University of Washington, Dental School, 1960-1964

Post Doctoral Education:

Residency in General Anesthesia, Washington Hospital Center, 110 Irving St., Washington D.C.
Summer Institute on Clinical Dental Research Methods, Department of Dental Public Health Sciences,
School of Dentistry, University of Washington, July-August 1992 240 hours
Periodontal study club 1983 - 1985 210 hours
TMJ Dysfunction study club 1986 - 40 hours
Mini Endodontics Residency 1994 - 64 hours
Dental Material Study Club 1990 to present 20 hours each year
Continuing Dental Education courses attended - 3700 hours 1980 to 2014

Licensed to practice: State of Washington

Member of:

American Dental Association, Seattle-King County Dental Society, Washington State Dental Association,
Delta Sigma Delta, American Dental Society of Anesthesiology, Academy of General Dentistry,
International College of Dentistry, American Society of Dental Anesthesiologists, American Association of
Dental Consultants, American College of Dentistry

Fellowships - Diplomate - Certification

Fellow in General Anesthesia, American Dental Society of Anesthesiology, 1980
Fellow, Academy of General Dentistry, 1984
Fellow, International College of Dentistry, 1989
Diplomate, American Dental Board of Anesthesiology, 1996 - 2010 retired
Certified Dental Consultant, American Association of Dental Consultants 1999
Diplomate National Dental Board of Anesthesiology 2002 - retired 2012
Fellow, American College of Dentistry, 2005

Honors:

Eagle Scout 1953, Silver Beaver, Boy Scouts 2011
Dean's List, University of Washington, 1 quarter, 1958
Dean's List, University of Washington, 3 quarters, 1959
One of top 20 sophomores, University of Washington, 1959-1960
Member, Washington State Board of Health, 1978-1979
Dentist Recognition Award, American Dental Association, 1987
Continuing Education Award for Anesthesia in Dentistry, American Dental Society of Anesthesiology
1984-1986
Nominee 1999, Mayor's Small Business Award one of 100 nominees for the City of Seattle
Member Washington State Dental Quality Assurance Commission (DQAC) / licensing and discipline Board
2004 - 2008
Named one of the top 20 dentists in King County, Washington Checkbook.org 11/29/07
Volunteer Rainier Vista Boys and Girls Club MLK Ave., Fly to Learn - top volunteer 2013
Bill Burton Legacy Award for dedication in creating great futures for our kids - 2015

Community Service

Founder YMCA Indian Guide program SE Seattle
Cub Scoutmaster, Assistant Scoutmaster, Japanese Baptist Church Troop 53
District Chairman Thunderbird District Boy Scouts
Candidate Washington State House of Representatives 37th district 1998
Docent, Museum of Flight, Seattle Washington 2010-present
Rainier Valley Rotary 1998 -2005 2008 - present, secretary 2010 - 2015
Member, King County International Airport/Boeing Field Roundtable 2011- present
Member of over 30 Boy Scout Eagle Boards of review

Family

Married 44-years, 2-grown children, 4-grandchildren

Professional Experience:

U. S. Navy active duty 1964-1966, Reserve duty 1960-64 and 1966-68
Assistant Dental Officer, 3rd Marine Division, Camp Pendleton, California
The Dental Officer, U. S. Naval Mobile Construction Battalion Ten, Port Hueneme, California, Chu Lai,
South Vietnam, Okinawa
1st Year Medical Resident in Anesthesia, 1966-1967, Washington Hospital Center, Washington D.C.
Private Practice of Dentistry, 1967 - Present
Clinical Assistant, University of Oregon, Department of Oral Surgery, 1972-1979
Lecturer, University of Oregon, Department of Continuing Dental Education, 1972-2015
Lecturer, University of Washington, Department of Continuing Dental Education, 1978-present
Lecturer, University of British Columbia, Department of Continuing Dental Education, 1983-2015
Evaluator, Clinical Research Associates, 1978-2015
Clinical instructor, University of Washington, Department of Periodontics, 1983-1985
Affiliate Assistant Professor, Department of Dental Public Health Sciences / Oral Health Sciences, School
of Dentistry, University of Washington 1990-present
Dental Director, Pro West, now Qualis, 1994-2009
Dental Director- President, Second Dental Opinion.com 2000- present
Dental Consultant, Zenith Administrators, 1994- present
Dental Consultant, Epic, 1994- 1999
Dental Consultant, Regence Blue Cross Blue Shield WA, OR, ID, UT, 2010-12

Professional Experience (cont.):

Northwest Administrators 2011-2013

Clinical instructor, Dental Ethics, Department of Dental Public Health Sciences, School of Dentistry, University of Washington 1995-1999

Clinical Assistant Professor, Faculty of Dentistry, School of Dentistry, University of British Columbia Canada 1995-2015

Head Start Reviewer and Consultant 1996 – 1998

Dental Consultant, Washington Employers Trust, 1997- 2009

Advisory Committee, Seattle Vocational Institute Dental Assisting Program 1998- 2007

Consultant to ADA on N2O trace contaminants. 1998

American Dental Association Representative to National Fire Protection Association 1999-2004

Pacific Islands Clinical Continuing Education Program University of Washington Department of Family medicine team to Pago Pago, American Samoa May 2 – 20 2002

American Dental Association Representative committee H Anesthesia guidelines 2002-2003

Pacific Islands Clinical Continuing Education Program University of Washington and Pacific Basin Dental Association Palau Sept 2 – 5 2003

Washington State Dental Quality Assurance Commission 2004- 2008

Seattle Central Community College Dental Hygiene advisory Board 2003 – present

Independent Contractor as Expert Consultant and *IDE-Dental Reports*. Served as an Independent Dental Examiner in Dentistry (IDE-Dental) for Defense/Plaintiff Attorneys, and Insurance Companies. 2005 - present

Examiner Western Regional Examination Board 2008

Instructor Provider Basic Life Support 2008-2014

ACLS certified 1997-2012.

Smiles Forever, Cochabamba, Bolivia, instructor and clinical dentist August 2011

Positions held:

President and Program Chairman, Northwest Dental Analgesia Seminar

President, Greater Seattle Practice Administration Seminar, 1972

Assistant Editor, Seattle-King County Dental Journal, 1971

Washington State Dental House of Delegates, 1977-1979

Member, Washington State Board of Health, 1978-1979

Member, Subcommittee - anesthesia regulations - of the State Dental Disciplinary Board, 1989

Research and Essay Award Committee, American Dental Society of Anesthesiology, 1993 - 99
Chairman 1995

Reviewer, The Journal of the American Dental Association, 1995 - present

Reviewer, Dental Study Club Journal of Continuing Education, 1995- 1998

Reviewer, California Dental Institute for Continuing Education, 1996 - 1998

Reviewer, Journal Quintessence, 1997 - 2003

Reviewer, The Annals of Pharmacotherapy, 1997-2002

Washington State Dental House of Delegates, 1997-1999, 2000-2002

Alternate Delegate AGD national meeting from State of Washington 1999

Board, Washington AGD 1999-2003

American Dental Association Representative to National Fire Protection Association 1999-2004

American Dental Association Representative committee H Anesthesia guidelines 2002-2004

Washington State Dental Quality Assurance Commission 2004- 2008

American Dental Association – Champion of Evidence Based Dentistry 2008

Board of Directors, American Association Dental Consultants 2008-2013

Avocations

Candidate, Washington State House of Representatives, district 37, position 1 1998

Boy Scouts - Cub Master Pack 53, Japanese Baptist Church 1 year

Assistant Scoutmaster Troop 53, Japanese Baptist Church 6 years

Thunderbird District, Camping Chairman 1 year, Roundtable Chairman 2 years, District Chairman 1 year

Flying - ratings single engine land, commercial, instrument, and Instrument Flight Instructor and glider
1963-1980 reactivated licenses 2004

FAA - FAASTeam Services Provider 2015

Boating - sailing and power

Woodworking - particularly bowl making Amateur Astronomy - including telescope making - award for the
best first scope Table Mountain Star Party 1995

Docent Museum of Flight Seattle WA 2010 - present

Table clinics and Poster Presentations:

1. Nitrous oxide equipment, Oregon State Dental Association Meeting, 1975

2. Where are the patients? Academy of General Dentistry National Meeting, Toronto Canada, 1978

3. Electronic Dental Anesthesia, Washington State Dental Association Meeting, May 16, 1987

4. Electronic Dental Anesthesia, American Dental Association National Meeting, Honolulu Hawaii, Nov. 4,
1989

5. Electronic Dental Anesthesia, Chicago Dental Society Midwinter Meeting, Feb. 19, 1991

6. Halcion Oral Sedation, Chicago Dental Society Midwinter Meeting, Feb. 19, 1991

7. Halcion Oral Sedation, 6th International Congress on Modern Dental Pain control, Washington D.C., May
12, 1991

8. Halcion Oral Sedation, American Dental Association meeting, Seattle, WA, Oct. 5, 1991

9. Electronic Dental Anesthesia, American Dental Association meeting, Seattle, WA, Oct. 5, 1991

10. Electronic Dental Anesthesia, Chicago Dental Society Midwinter Meeting, Feb. 19, 1993

11. Halcion Oral Sedation, Chicago Dental Society Midwinter Meeting, Feb. 19, 1993

12. Electronic Dental Anesthesia - Waveform comparison, Chicago Dental Society Midwinter Meeting, Feb.
20, 1993

13. Electronic Anesthesia vs. Topical Anesthesia for Pain Control During Local Anesthesia Injections:
Should We Shock 'em Before We Block 'em? University of Washington Research Celebration Day
May 12, 1993

14. Halcion Oral Sedation, Chicago Dental Society Midwinter Meeting, Feb. 19, 1994

15. Elect. Dent. Anes. - Waveform comparison, Chicago Dental Society Midwinter Meeting, Feb. 19,
1994

16. Elect. Dent. Anes. to replace topical anes, Chicago Dental Society Midwinter Meeting, Feb. 20, 1994

17. Nitrous Oxide Sedation Scavenging, Chicago Dental Society Midwinter Meeting, Feb. 20, 1994

18. Elect. Dent. Anes. to replace topical anes, Amer. Dent. Association national meeting Los Vegas, Oct
7, 1995

19. Nitrous Oxide, is it safe for our staff. Amer. Dent Assoc. National Meeting San Francisco, Oct 23,
1998

20. Nitrous Oxide, is it safe for our staff. Amer. Dent Assoc. National Meeting San Francisco, Oct 24,
1998

21. SaO₂ vs. altitude, Int. Federation Dental Anesthesiology Societies, Dundee Scotland, June 6, 2002

Papers read at meetings:

1. A Premix of 50% Nitrous Oxide - 50% Oxygen for Sedation During Dental Procedures, *Symposium of the 3rd International Congress on Dental Pain*, Tokyo Japan
2. Use of Electrical Anesthesia and Nitrous Oxide To Replace Local Anesthesia on 800 Patients, A Clinical Study, *Symposium of the 5th International Congress on Dental Pain*, Canberra Australia, May 1988,
3. Three Years Use of Electronic Anesthesia, 4th Annual Symposium on Electronic Dental Anesthesia, University of Southern California Dental School, Los Angeles CA, Jan. 26, 1990
4. Oral Triazolam Used in Dentistry: A Preliminary Clinical Report, 37th Annual meeting of the American Dental Society of Anesthesiology, Orlando, FL, May 5, 1990
5. Diffusion Hypoxia: A Reappraisal using Pulse Oximetry on Patients Sedated with Nitrous Oxide, 37th Annual meeting of the American Dental Society of Anesthesiology, Orlando, FL, May 5, 1990
6. Electrical Anesthesia Equipment, 37th Annual meeting of the American Dental Society of Anesthesiology, Orlando, FL, May 5, 1990
7. Pharmacology of Halcion, Washington State Society of Pediatric Dentistry, Seattle, WA, October 5, 1990
8. Electronic Dental Anesthesia, 6th International Congress on Dental Pain, Washington, D.C., May 1991
9. Electronic Anesthesia vs. Topical Anesthesia for Pain Control During Local Anesthesia Injections, 41st Annual meeting of the American Dental Society of Anesthesiology, Boston, MA, April 15, 1994
10. Nitrous oxide sedation 8th International Congress on Dental Pain, International Federation of Dental Anesthesiology Societies, Christchurch NZ March 26, 1997
11. The Dental professional and Internet 8th International Congress on Dental Pain, International Federation of Dental Anesthesiology Societies, Christchurch NZ March 28, 1997
12. Electronic Dental Anesthesia and Intraosseous local anesthesia, 8th International Congress on Dental Pain, International Federation of Dental Anesthesiology Societies, Christchurch NZ March 28, 1997
13. Oral conscious sedation 10th International Congress on Dental Pain, International Federation of Dental Anesthesiology Societies, Yokohama Japan, October 6, 2006
14. Oral Conscious Sedation: two extremes on one patient, a case study, 11th International Congress on Dental Pain, International Federation of Dental Anesthesiology Societies, Gold Coast Australia, October 16, 2009
15. Bispectral index system (BIS) monitoring for enteral conscious (moderate) sedation during general dental procedures, 11th International Congress on Dental Pain, International Federation of Dental Anesthesiology Societies, Gold Coast Australia, October 16, 2009
16. Age Relevant Dentistry for the Elderly, American Association of Dental Consultants, Phoenix AZ May 20, 2011

Published papers:

1. Ventilatory Disturbances Resulting From Muscle Pain Following the Administration of Succinylcholine Chloride; *Medical Annals of the District of Columbia*, September 1968
2. Blind Nasotracheal Intubation Under Controlled Respiration; A Modified Technique. *The Journal of Oral Surgery*, December 1968
3. A Premix of 50% Nitrous Oxide - 50% Oxygen for Sedation During Dental Procedures, *Anesthesia Progress*, November 1983
4. Use of Electrical Anesthesia (EA) and Nitrous Oxide (N₂O) to Replace Local Anesthesia on 650 Patients: A summary of a Clinical Study with Emphasis on Dental Hygiene Procedures, *Washington State Dental Hygiene Association Newsletter*, 57:10, January 1988

Published papers:(cont)

5. Electrical Anesthesia, *California Dental Association Journal*, 35-40, December 1988
6. Clinical Experience with TENS and TENS Combined with Nitrous Oxide-Oxygen, Report of 371 patients, *Anesthesia Progress*, 36:, April 1989
7. More on Electronic Anesthesia, *Nation-Wide Dental Newsletter*, p.7-11, 2:13, April 1989
8. The combined effect of nitrous oxide and oxygen and electrical stimulation during restorative dental treatment, *Journal of American Dental Association*, June 1989, vol. 118, no. 6, p-733
9. Electrical Anesthesia in Selected Dental Procedures, *Pain Management*, November-December 1989, vol. 2, no. 6, p 321-323
10. Clinical Experience with TENS and TENS Combined with Nitrous Oxide-Oxygen, Report of 371 patients, *Year Book of Dentistry 1990*, p. 333, Year Book Medical Publishers, Inc. Chicago
12. Nitrous Oxide is Safe, *Seattle King County Dental Society Journal*, vol. 31 no. 6, January 1991, and p.8-12
13. Clinical Study of Diffusion Hypoxia after Nitrous Oxide Analgesia, *Anesthesia Progress*, vol. 38, no. 1 1991 p. 21-23
14. Clinical Experience with TENS and TENS Combined with Nitrous Oxide-Oxygen, Report of 371 patients, *Journal of the Society for the Advancement of Anesthesia in Dentistry*, Vol. 8, No. 1/2 April 1991 p. 7-11
15. Electronic Dental Anesthesia, *Proceedings of the 6th International Congress on Dental Pain Control*, May 1991
16. Electrical Anesthesia Equipment and its Use, *The California Dental Institute for Continuing Education*, vol. 38 p. 28-43
17. Electronic Dental Anesthesia, *Anes Prog* 3:162:177 1992
18. Comparison of 3 automatic blood pressure screening devices, *J.A.G.D.* vol. 40 no. 6, Nov-Dec 1992 p. 496-7
19. A comparison of H-wave and square wave wave forms to control pain for dental procedures: a clinical study, *J.A.G.D.*, Mar-Apr. 1993 vol. 41 no. 2 p.128-131
20. Experience with Triazolam in Preschool Children, *Anes. and Pain Control in Dent.*, vol. 1, no. 3, Summer 1992
21. Sedation of Phobic Dental Patients with an Emphasis on the Use of Oral Triazolam, Halcion, *California Dental Institute for Continuing Education*, vol. 45, p. 29-64, May 1993
22. The Efficacy and Memory Effects of Oral Triazolam Premedication in Highly Anxious Dental Patients, *Anes. Progress*, 41:70-76 1994
23. Electronic Anesthesia vs. Topical Anesthesia for Pain Control During Local Anesthesia Injections: Should We Shock 'em Before We Block 'em? *Quintessence International*, Oct. 1994
24. Patients evaluate electronic and topical anesthesia used for injection pain, *Dental Abstracts*, 1995 vol., 40, no. 3, p. 137
25. General Dentistry, letter to the editor N20 Inappropriate limits no laughing matter, vol. 45 no 2, March April 1997
26. In the beginning...How I became involved in anesthesiology, The Farran Report, Nov 1997
27. Sedation of Phobic Dental Patients, The Farran Report, Nov 1997
28. Practice valuation - the bottom line, *WashAGD Journal*, Oct. 2001
29. A Randomized Clinical Trial of 3 Agents to reduce Sensitivity After crown Cementation. *General Dentistry*, Jan./Feb., 1998
30. Nitrous Oxide Safety: How safe is it for staff? What can be done to make it safer, *Dentistry Today*, December 1999 vol. 18 #12, p 70-77
31. Sedation of Phobic Dental Patients With an Emphasis on the Use of Oral Triazolam Dentistry on line <http://www.priory.com/dentprof.htm>

Published papers:(cont)

32. What is quality dentistry? ejDent.com, July 2000, <http://www.godent.com/ejdenteditorials/guesteditquarn.2000.html>
33. Halcion Oral Sedation, <http://www.washagd.org/halc1.html> Nov. 2000
34. Where is the Racial diversity in Dental Hygiene, <http://www.washagd.org/denthyg.html>, Nov. 2000
35. What is Quality Dentistry? e-journal, August 2000
36. Practice valuation - the bottom line, WashAGD Journal, Oct. 2001
37. Practice valuation - the bottom line, Dentistry Today, Feb 2002
38. Repairing fractured porcelain-fused-to-metal bridge pontics, JADA, vol 134 p1097-1100 August 2003
39. Viewpoint – Should dentists do oral sedation? Dentistry Today, March 2003
40. Triazolam Use in the General Dental Office, Dentaltown, vol.5 no. 7 July 2004 pp 50-54
41. Should general dentist be able to provide oral dental sedation, Second Opinion American Association of Dental Consultants, vol 9 no 2 August 2004, pp. 4-7
42. Triazolam Use in the dental setting: A report of 270 uses over 15 years, General Dentistry, vol. 52, no. 7 p496-501 Nov/Dec 2004
43. Some days it does not pay to get up. Beacon, journal of the AADC Spring 2008
44. Variations of SaO₂ and Pulse Rate for Travelers from Sea Level to 16,000 feet, DOCS Newsletter Vol2 2004
45. Sedation and Anesthesia in the Dental Office, Beacon, p.21-24, vol28, no.2 Summer 2006
46. VibraJect vs. the Wand for the control of injection pain, <http://www.cable-hk.com/VibraJectLeaflet2010.pdf> Inside dentistry 5-10p Jan 2007.
47. Healing Wounds, letter to the Editor, Columns, March 2008
48. Author Open Wider: Your Wallet Not Your Mouth, a consumers guide to dentistry. Book Surge 2008
49. Is it the Practice of dentistry to approve crown coverage? Beacon, journal of the AADC Fall 2009
50. Have you assisted in an emergency, Nevada Dental Association Journal, vol 12 #1 Spring 2010
51. Age Relevant Dentistry, The Beacon, Fall 2010 p. 18-20
52. Nitrous oxide-oxygen administration: When safety features no longer are safe, JADA, Feb 2012;143;134-143
53. Do Dental Consultants Have A Moral/Legal Responsibility To The Patient And The Profession? Beacon, journal of the AADC Fall 2012
54. Age Relevant Dentistry for the Mature Patient, Dentistry, an open access journal, OMICS publishing Group 11/2012 ISSN:2161-1122
55. My View: Taking the time to listen, ADA News May 5, 2014
56. Conflict of Interest Revisited: Law Versus Ethics / dental board, Dentistry Today, Sept 2015 vol34 No 9 , p 10

Non-professional published papers

1. First Scope - First Month, *The Fox Valley Observer*, Jan., 1995, p. 2
2. Eclipse"98", *Webfoot Astronomer* April 1998 p8-10
3. Eclipse photo, partial phase, *The Astronomer*, vol. 43 no. 407, March 1998, p C3
4. First Scope - First Month, *The Webbed Foot Astronomer*, Nov., 1995
5. Exposure fosters racial understanding, *Seattle Post Intelligencer* Aug. 10, 2001 B7
6. Discrimination against Southeast Seattle is Real, *Beacon Hill News / South District Journal* 4-2008
7. Embracing a culture he once fought: Unpacking emotional baggage in Vietnam, *Beacon Hill News & South District Journal* Aug 23,

Published Reviews of other's papers

1. Review of Health Hazards and Nitrous Oxide: A Time for Reappraisal, Dental Study Club Journal of Continuing Dental Education, vol. 4, no 4, Aug. 1995
2. Review of The Efficiency of Nitrous Oxide Scavenging Devices in Dental Offices, Dental Study Club Journal of Continuing Dental Education, vol. 4, no 4, Aug. 1995
3. Review of Topical Anesthesia Differentiating the Pharmacological and Psychological contributions to efficacy, Dental Study Club Journal of Continuing Dental Education, vol. 4, no 4, Aug. 1965
4. Review of Reduced Fertility Among Women Employed as Dental Assistants Exposed to High Levels of Nitrous Oxide, Dental Study Club Journal of Continuing Dental Education, vol. 4, no 4, Aug. 1995
5. Review of Controlling Exposure to Nitrous Oxide During Anesthetic Administration, Dental Study Club Journal of Continuing Dental Education, vol. 4, no 4, Aug. 1995
6. Review of Nitrous-oxide use II. Risk of potential exposure and compliance among Nebraska Dentists and dental assistants, Dental Study Club Journal of Continuing Dental Education
8. Review of Nitrous oxide in the dental environment: Assessing the risk, reducing the exposure, Dental Study Club Journal of Continuing Dental Education
9. Review of Five-Year treatment outcomes for teeth with Large Amalgams and Crowns, Dental Study Club Journal of Continuing Dental Education
10. Review of Postoperative pain following bonded amalgam restorations, Dental Study Club Journal of Continuing Dental Education
11. Review of Nitrous-oxide use I. Risk of potential exposure and compliance among Nebraska Dentists and dental assistants, Dental Study Club Journal of Continuing Dental Education

Letters to the editor

1. Inappropriate limits no laughing matter, General Dentistry March/April 1997 vol. 45 no 2, p 104
2. Nitrous Oxide, JADA June 1997 vol. 128, p. 689-90
3. Nitrous Oxide, JADA October 1997, vol. 128 p. 1352
4. Trace Contaminants, JAGD 2003 jan-feb
5. Dentistry Today, letter to the editor Nitrous oxide is a safe sedative, vol. 15 No. 11, p 8-9, Dec. 1997
6. Mercury a toxic waste? WSDA Dec 2004
7. Silver amalgam does not pose a problem Seattle PI July 20 2002
8. Do we need written informed consent for local JADA March 2006

Letters to the editor – non-professional

1. Healing wounds, Columns UW Alumni Association Spring 2008
2. Who should be believe, Seattle PI guest editorial Dec. 26,2000
3. What has happened to America? Seattle PI Dec. 8, 2001
4. Vietnam revisited South district Journal 2005
5. Discrimination against Southeast Seattle is real, South District Journal May 16, 2008
6. Down with the glorification of war, South District Journal May 20, 2008
7. Great Coverage, AOPA Pilot, July 2012

Speaking presentations at major meetings:

1. Nitrous oxide oxygen sedation, Washington State Dental Association state meeting, Seattle WA, May 14, 1970
2. Nitrous oxide oxygen sedation, Washington State Dental Association state meeting, Seattle WA, May 15, 1971
3. Nitrous oxide oxygen sedation, Oregon State Medical Association state meeting, Portland OR, Apr. 2, 1972
4. Nitrous oxide oxygen sedation, American Dental Hygiene Association National meeting, Houston TX, Oct. 17, 1973

Speaker at major meetings (cont.)

5. Computers in dentistry, Washington State Dental Association, Seattle WA, May 16 - 18, 1985
6. Nitrous oxide oxygen sedation, Academy of General Dentistry National Meeting, Seattle WA, July 17, 1987
7. Electronic Dental Anesthesia , 6th International Congress on Dental Pain, Washington, D.C., May 1991
8. Nitrous oxide oxygen sedation, Wash. State Dental Hygiene Association, Seattle, WA, May 16, 1992
9. Halcion Oral Sedation, American Association of Pediatric Dentists, Seattle, WA, May 24, 1992
10. Halcion Oral Sedation, Washington State Dental Association, Seattle, WA, July 9, 1992
11. Electronic Dental Anesthesia, Washington State Dental Association, Seattle, WA, July 11, 1992
12. Halcion sedation electronic anesthesia 16th annual Symposium on Anesthesia, Loma Linda University, School of Dentistry, Feb. 19,20, 1995
13. Nitrous oxide Sedation 17th annual Symposium on Anesthesia, Loma Linda University, School of Dentistry, Feb. 11,12, 1996
14. Future of Anesthesia and Pain Control in Dentistry - Managed Care from a General Dentist, 43rd Annual Meeting American Dental Society of Anesthesiology New York, New York April 21, 1996
15. Electronic anes, halcion, intraosseous anes, Pacific NW Dental Conference, Seattle WA July 12, 1996
16. Electronic anes. 6th International Dental Seminar of the International Union of Schools of Oral Health - Pain Control in Dentistry Aug. 23,24, 1996 Vancouver B.C. Canada
17. Nitrous oxide sedation 8th International Congress on Dental Pain, International Federation of Dental Anesthesiology Societies, Christchurch NZ March 26, 1997
18. The Dental professional and internet 8th International Congress on Dental Pain, International Federation of Dental Anesthesiology Societies, Christchurch NZ March 28, 1997
19. Electronic Dental Anesthesia and Intraosseous local anesthesia 8th International Congress on Dental Pain, International Federation of Dental Anesthesiology Societies, Christchurch NZ March 28, 1997
20. Pain, International Federation of Dental Anesthesiology Societies, Christchurch NZ March 28, 1997
21. Halcion, Nitrous oxide scavenging, Dental Insurance 7th annual meeting of the Australian Society of Dental Anesthesiology, Launceston Tasmania AU, Oct. 30, 1999
22. Where is the Racial diversity in Dental Hygiene, <http://www.washagd.org/denthyg.html>, April 2000, Washington Association of Dental Hygiene Schools
23. Third Party Dental Consulting, NW Association of Third Party Administrators 40th annual meeting, Sun River Oregon, July 17, 2000
24. Halcion, triazolam, oral sedation: can it be safely titrated, American Society of Dental Anesthesia, Tucson AZ 3 May 2003.
25. SaO₂ vs. Altitude, 10th International Congress on Dental Pain, International Federation of Dental Anesthesiology Societies, Edinburgh Scotland June 6, 2003
26. Pacific Basin Dental Association, Dental emergencies, local anesthesia, PowerPoint presentation, Dental Study Club, Koror Palau September 2-5 2003
27. Nitrous oxide, Halcion, dental emergencies, Guam Dental Association yearly meeting Guam, 20 21 Mar, 2004
28. Oral Halcion the Beautiful Black Swan or the Dirty Duck, ADSA national meeting, Key West FL, 1 May 2004
29. 41 years of Dr. Q's mistakes, Oregon State Dental Association, April 6, 2006
30. Oral Conscious Sedation, Star of the North Dental Meeting - Minnesota State Dental Assn., St Paul Minn. April 30
31. Oral Conscious sedation, 10th International Congress on Dental Pain, International Federation of Dental Anesthesiology Societies, Yokohama Japan, October 6,2006
32. Oral Conscious Sedation Nitrous Oxide Sedation, medical emergencies, two presentations Southern California Dental Association Los Angeles CA, May 16 2009
33. Electronic Dental Anesthesia and Intraosseous local anesthesia, 8th International Congress on Dental Pain, International Federation of Dental Anesthesiology Societies, Christchurch NZ March 28, 1997

34. Oral conscious sedation 10th International Congress on Dental Pain, International Federation of Dental Anesthesiology Societies, Yokohama Japan, October 6, 2006
35. Oral Conscious Sedation: two extremes on one patient, a case study, 11th International Congress on Dental Pain, International Federation of Dental Anesthesiology Societies, Gold Coast Australia, October 16, 2009
36. Bispectral index system (BIS) monitoring for enteral conscious (moderate) sedation during general dental procedures, 11th International Congress on Dental Pain, International Federation of Dental Anesthesiology Societies, Gold Coast Australia, October 16, 2009
37. Medical emergencies in a Dental Office Alberta Dental Association and College, Jasper AB May 29, 2010
38. Age Relevant Dentistry, Alberta Dental Association and College, Jasper AB May 30, 2010
39. Age Relevant Dentistry for the Elderly, American Association of Dental Consultants, Phoenix AZ May 20, 2011
40. Medical Emergencies, Alberta Dental Association and College, Jasper AB June 24 30, 2012
41. Age Relevant Dentistry, Ethics, Dental Insurance, Alberta Dental Association and College, Jasper AB June 26, 2012
42. Age Relevant Dentistry Dental Insurance, Pacific NW Dental Conference, Seattle WA June 15, 2012
43. Medical emerg. What to do until the paramedics arrive, Academy of General Dentistry, Philadelphia PA, June 22 2012

Published manuals books:

1. Electronic Dental Anesthesia, Seattle WA, Analgotronics, 1989
2. Halcion Oral Sedation / Nitrous oxide scavenging, Seattle WA, Analgotronics, 1990
3. Sedation of Phobic Dental Patients with an Emphasis on the Use of Oral Triazolam, Halcion®, Seattle WA, Analgotronics, 1992
4. Local Anesthesia of the Oral Cavity, chapter on electronic pain control, Philadelphia WB Saunders, 1995
5. Manual of Minor Oral Surgery for General Dentists, chapter 8 sedation, Blackwell, Aug, 2006
6. Open Wider: Your wallet, not your mouth – a consumers guide to dentistry. Amazon.com Dec 2007
7. Chapter in Manage Your Practice Well by Dianne Glasscoe Watterson MBA, Buying an established practice vs. starting from scratch p44-51 2010
8. Local Anesthesia for Dental Professionals, contributor to N2O chapter, Pearson Education Inc. Upper Saddle River NJ 2014

Video audio tapes:

1. Electronic Dental Anesthesia - 1 hour, Jonesboro GA, Video Study Club, 1988
2. Electronic Dental Anesthesia - a 7 hour course, Seattle WA, Analgotronics 1990
3. Electronic Dental Anesthesia - 1 hour, 6th International Congress on Dental Pain, Washington, D.C., 1991
4. Electronic Dental Anesthesia - 1 hour, 3M introduction to EDA, 3M Co., St Paul MN, 1992
5. Halcion Oral Sedation - 3 hours, Washington State Dental Association, Seattle, WA, July 9, 1992
6. Electronic Dental Anesthesia - 3 hours, Washington State Dental Association, Seattle, WA, July 11, 1992

Media interviews

1. Electronic Dental Anesthesia, Beacon Hill News/South District Journal, 1987
2. Electronic Dental Anesthesia, KIRO TV, Seattle WA 1987
3. Electronic Dental Anesthesia, KING-TV, Seattle WA 1987
4. Halcion Sedation, Beacon Hill News/South District Journal, July 31, 1991
5. Halcion Sedation, KIRO-TV, Seattle WA, - ABC, New York, June 1992

Media interviews: (cont.)

6. High Tech. Pain Control Philip Bonner, D.D.S., Dentistry Today, p 70-73, June/July vol 11, No.5 1992
7. Electronic Dental Anesthesia, CBC-TV evening news, Vancouver, B.C. Canada, March 1, 1994
8. Electronic Dental Anesthesia, KUBE- FM, Seattle WA , May 19,1994 Morning show with Charlie and Ty
9. Electronic Dental Anesthesia, KBGE-FM, Seattle WA, June 6, 1994 "Solutions" with Kim Wilson
10. Electronic Dental Anesthesia, KMBQ-FM, Seattle WA, June 27, 1994 wake up with Greg Thunder and John
11. Electronic Dental Anesthesia, KOMO-TV, Seattle WA, July 1, 1994 evening news by Amy Chiu
12. Electronic Dental Anesthesia, KVI-radio, Seattle WA, July 4, 1994 morning news by Clint Jones
13. Treating Phobic Patients, KPTV-12, Portland WA, Dec. 4. 1994 Sunday Evening News Magazine
14. Electronic Dental Anesthesia, Health Care News, Memphis TN Dec, 15, 1995
15. Electronic Dental Anesthesia, Gannett Suburban Newspaper New Rochelle, NY Jan. 20, 1996
16. No Pain, All Gain, *AGD Impact* vol. 24, no 4 April 1996
17. Wired For Pleasure, *Prevention* , vol. 48 , No.5, p 47-49, May 1996
18. High Tech. Pain Control by Cheryl Farr, Dentistry Today, p 44-51, Dec vol. 15, No. 11 1996 including photo on cover.
19. Anesthesiology New Developments and Personal Insights, The Farran Report. Nov. 1997
20. KOMO Radio Life beat, How to be a smart consumer
21. KKNW Radio 1150AM Chat With Women March 24, 2008
22. KKNW Radio 1150AM Chat With Women May 12, 2008
24. ABC news 20/20 2014
15. Dentist the Menace 1/2015

Clinics and Courses Presented:

1967 Cardiac arrhythmias as seen in tooth extractions under general anesthesia, Anesthesia Residents, Washington Hospital Center, Washington D.C.

Length	date	place	topic	group or sponsor
1969				
1/2 day	Jan. 3, 1969	Seattle WA	N2O Sedation	Seattle Dist. Dent. Soc.
1970				
1/2 day	May 14, 1970	Seattle WA	N2O Sedation	Wash. State Dent. Convention
2 day	Sept. 5, 1970	Seattle WA	N2O Sedation	
2 day	Oct. 10, 1970	Seattle WA	N2O Sedation	Spokane Analgesia Seminar
1971				
2 day	Jan. 3, 1971	Seattle WA	N2O Sedation	
2 day	Mar 4, 1971	Olympia WA	N2O Sedation	
2 day	Apr. 5, 1971	Seattle WA	N2O Sedation	
1 day	Apr. 10, 1971	Pullman WA	N2O Sedation	N. Idaho Dental Seminar
1/2 day	May 15, 1971	Seattle WA	N2O Sedation	Wash. State Dental Conv.
Eve	.May 20, 1971	Bremerton WA	N2O Sedation	Kitsap Co. Dent. Soc.
Eve	May 27, 1971	Mc Cord AFB WA	N2O Sedation	N. W. Military Dent. Assn.
2 day	Jun 5, 1971	Portland OR	N2O Sedation	
2 day	July 10, 1971	Wichita KA	N2O Sedation	
2 day	Oct. 5, 1971	Salt Lake City UT	N2O Sedation	
2 day	Oct. 20, 1971	Portland OR	N2O Sedation	University of Oregon

2 day	Nov. 10, 1971	Seattle WA	N2O Sedation	
1972				
2 day	Jan. 5, 1972	Portland OR	N2O Sedation	University of Oregon
2 day	Feb. 21, 1972	Missoula MT	N2O Sedation	
2 day	Mar 7, 1972	Portland OR	N2O Sedation	University of Oregon
1/2 day	Apr. 2, 1972	Portland OR	N2O Sedation	Oregon State Medical Assn. Conv.
1/2 day	Apr. 10, 1972	Yakima WA	N2O Sedation	Yakima Co. Dent. Soc.
2 day	Apr. 17, 1972	Mc Cord AFB WA	N2O Sedation	
2 day	Apr. 24, 1972	Bellingham WA	N2O Sedation	
2 day	Apr. 17, 1972	Mc Cord AFB WA	N2O Sedation	
2 day	Apr. 24, 1972	Bellingham WA	N2O Sedation	
1/2 day	Apr. 29, 1972	Portland OR	N2O Sedation	University of Oregon
2 day	May 10, 1972	Eugene OR	N2O Sedation	University of Oregon
2 day	Jun 10, 1972	Bellingham WA	N2O Sedation	
1 day	July 21, 1972	Yakima WA	N2O Sedation	
1 day	Sept. 5, 1972	Tacoma WA	N2O Sedation	
2 day	Oct. 15, 1972	Bellingham WA	N2O Sedation	
2 day	Nov. 5, 1972	Portland OR	N2O Sedation	University of Oregon
1973				
2 day	Feb. 4, 1973	Vancouver B.C.	N2O Sedation	
2 day	Feb. 17, 1973	Seattle WA	N2O Sedation	Reg. Conv. Dent. Hygiene Inst.
1/2 day	Mar 2, 1973	Seattle WA	N2O Sedation	Shoreline Com. College
2 day	Mar 17, 1973	Portland OR	N2O Sedation	University of Oregon
2 day	July 10, 1973	Yakima WA	N2O Sedation	
2 day	Sept. 21, 1973	Bosie ID	N2O Sedation	University of Oregon
2 day	Oct. 3, 1973	Seattle WA	I V Sedation	
2 day	Oct. 17, 1973	Houston TX	N2O Sedation	Am. Dent. Hygiene Conv.
2 day	Oct. 24, 1973	Seattle WA	N2O Sedation	
2 day	Nov. 10, 1973	Portland OR	N2O Sedation	University of Oregon
1 day	Nov. 17, 1973	Wenatchee WA	N2O Sedation	
1974				
2 day	Jan. 15, 1974	Honolulu HI	N2O Sedation	
2 day	Feb. 24, 1974	Pocatello ID	N2O Sedation	Idaho St. University
1/2 day	Mar 7, 1974	Seattle WA	N2O Sedation	Shoreline Com. College
2 day	Mar 26, 1974	Honolulu HI	N2O Sedation	University of Oregon
2 day	Mar 29, 1974	Anchorage AK	N2O Sedation	University of Oregon
2 day	Apr. 29, 1974	Seattle WA	N2O Sedation	University of Washington
1 day	May 6, 1974	Yakima WA	N2O Sedation	
2 day	Jun 9, 1974	Portland OR	N2O Sedation	University of Oregon
1/2 day	Jun 17, 1974	Portland OR	I V Sedation	N. W. Analgesia Res. Gr.
1 day	July 27, 1974	Pendleton OR	N2O Sedation	
2 day	Nov. 1, 1974	Seattle WA	N2O Sedation	
Eve	Nov. 10, 1974	Seattle WA	N2O Sedation	Emer. Dept. Nurse Assn.
2 day	Nov. 17, 1974	Portland OR	N2O Sedation	University of Oregon
2 day	Nov. 29, 1974	Bellingham WA	N2O Sedation	

1975

2 day	Mar 5, 1975	Portland OR	N2O Sedation	University of Oregon
2 day	Nov. 10, 1975	Portland OR	N2O Sedation	University of Oregon

1976

2 day	Apr. 7, 1976	Seattle WA	N2O Sedation	
2 day	Apr. 21, 1976	Portland OR	N2O Sedation	University of Oregon
1 day	Nov. 29, 1976	Yakima WA	N2O Sedation	Yakima Valley Dental Hygiene

1977

2 day	Mar 21, 1977	Portland OR	N2O Sedation	University of Oregon
2 day	Oct. 15, 1977	Portland OR	N2O Sedation	University of Oregon

1978

2 day	Apr. 3, 1978	Portland OR	N2O Sedation	University of Oregon
2 day	Nov. 5, 1978	Seattle WA	N2O Sedation	University of Washington
2 day	Dec 10, 1978	Billings MT	N2O Sedation	

1979

1/2 day	Feb. 7, 1979	Seattle WA	N2O Sedation	Burn Ctr. Harborview Hosp.
2 day	Mar 14, 1979	Seattle WA	N2O Sedation	University of Washington
2 day	Apr. 21, 1979	Fairbanks AK	N2O Sedation	University of Oregon
2 day	Apr. 28, 1979	Portland OR	N2O Sedation	University of Oregon

1980

2 day	Feb. 27, 1980	Seattle WA	N2O Sedation	University of Washington
1/2 day	May 5, 1980	Seattle WA	Dent. Of. Hazards	University of Washington
2 day	May 28, 1980	Portland OR	N2O Sedation	University of Oregon
1/2 day	Jun 27, 1980	Yakima WA	N2O Sedation	Yakima Co. Dent. Soc.
1/2 day	Sept. 20, 1980	Seattle WA	Dent. Off. Hazards	U. of Wash Dent. Hygiene Dept.

1981

1/2 day	May 10, 1981	Seattle WA	Practice Admin.	Shoreline Com. College
1/2 day	Sept. 17, 1981	Seattle WA	N2O Sedation	Wash. State Dent. Hygiene
1 day	Nov. 10, 1981	Portland OR	N2O Sedation	University of Oregon

1982

1 day	Jan. 5, 1982	Seattle WA	N2O Sedation	University of Washington
Eve.	Feb. 10, 1982	Bremerton WA	Computers Mgmt.	Kitsap Co. Dent. Society
1 day	Feb. 18, 1982	Seattle WA	Computers Mgmt.	University of Washington
1/2 day	May 25, 1982	Seattle WA	Practice Admin.	Shoreline Com. College
1 day	Sept. 12, 1982	Los Angeles CA	Computers Mgmt.	Pract. Mgmt. Assoc.
1 day	Sept. 13, 1982	Los Angeles CA	Practice Admin.	Pract. Mgmt. Assoc.
10 min.	Oct 4, 1982	Tokyo Japan	Pre mix N2O3rd	Internat. Pain Congress

1983

2 day	Jan. 22, 1983	Seattle WA	Practice Admin.	Pract. Mgmt. Assoc.
2 day	May 14, 1983	Vancouver B. C.	N2O Sedation	University of British Columbia
2 day	Nov. 12, 1983	Vancouver B. C.	Practice Admin.	University of British Columbia

1984

2 day	Feb. 3, 1984	Seattle WA	N2O Sedation	University of Washington
1 day	Jun 1, 1984	Yakima WA	Computers	Yakima Co. Dent. Soc.
2 day	Jun 8, 1984	Helena MT	N2O Sedation	Central City Study Club
2 day	Jun 15, 1984	Portland OR	N2O Sedation	University of Oregon

1985

2 day	Mar 30, 1985	Portland OR	N2O Sedation	University of Oregon
1 day	May 16, 1985	Seattle WA	Computers	Wash. State Dent. Assn.
1 day	May 18, 1985	Seattle WA	Computers	Wash. State Dent. Assn.
2 day	Jun 12, 1985	Portland OR	N2O Sedation	University of Oregon
2 day	July 19, 1985	Portland OR	N2O Sedation	University of Oregon
2 day	Oct. 3, 1985	Seattle WA	N2O Sedation	University of Washington
2 day	Oct. 20, 1985	Portland OR	N2O Sedation	University of Oregon

1986

2 day	Apr. 25, 1986	Portland OR	N2O Sedation	University of Oregon
1 day	Jun 7, 1986	Seattle WA	Computer Fair	University of Washington
2 day	Jun 13, 1986	Medford OR	N2O Sedation	University of Oregon
2 day	Sept. 29, 1986	Portland OR	N2O Sedation	University of Oregon
1 day	Nov. 8, 1986	Corvallis OR	N2O Sedation	Multnomah County Dental Society
2 day	Dec 5, 1986	Portland OR	N2O Sedation	University of Oregon

1987

2 day	Jan. 30, 1987	Portland OR	N2O Sedation	University of Oregon
1 hr.	Apr. 15, 1987	Bellevue WA	Elect. Anes.	Overlake study club
3 hr.	May 5, 1987	Seattle WA	Elect. Anes.	Asian Study Club
1/2 day	May 16, 1987	Seattle WA	Elect. Anes.	Wash State Dent. Conv.
2 day	May 17, 1987	Portland OR	N2O Sedation	University of Oregon
1 day	Jun 5, 1987	Seattle WA	Elect. Anes.	Analgotronics
2 day	July 17, 1987	Seattle WA	N2O Sedation	National AGD Meeting
1 day	Aug. 1, 1987	Bellevue WA	Elect. Anes.	Analgotronics
1 day	Sept. 12, 1987	Spokane WA.	Elect. Anes.	Analgotronics
Eve	Sept. 17, 1987	Seattle WA	Elect. Anes.	S. King Co. Study Club
1 day	Sept. 26, 1987	Portland OR	Elect. Anes.	Analgotronics
Eve	Oct. 20, 1987	Seattle WA	Elect. Anes.	Analgotronics
1 day	Nov. 20, 1987	San Jose CA	Elect. Anes.	Analgotronics
1 day	Nov. 21, 1987	San Mateo CA	Elect. Anes.	Seattle King Co. Dent. Society
1 day	Dec 5, 1987	Seattle WA	Elect. Anes.	Analgotronics
Eve	Dec 8, 1987	Seattle WA	Elect. Anes.	Analgotronics
1 day	Dec 12, 1987	Bellingham WA	Elect. Anes.	Analgotronics

1988

2 day	Jan. 8, 1988	Portland OR	N2O Sedation	University of Oregon
2 day	Jan. 22, 1988	Seattle WA	Elect. Anes.	University of Washington
1 hr	Jan. 26, 1988	Seattle WA	Elect. Anes.	V. A. Hospital
1 day	Jan. 29, 1988	Juneau AK	Elect. Anes.	SE. Alaska Study Club
1 day	Feb. 6, 1988	Salt Lake City UT	Elect. Anes.	Analgotronics
Eve	Feb. 10, 1988	Honolulu HI	Elect. Anes.	Study club
1 day	Feb. 13, 1988	Kona HI	Elect. Anes.	Analgotronics
1 day	Feb. 17, 1988	Salem OR	Elect. Anes.	Study Club
2 day	Feb. 26, 1988	Los Angeles CA	Elect. Anes.	2nd Annual Symp. Elect. Anes. USC
1 hr	Mar 1, 1988	Seattle WA	Elect. Anes.	U of Wash. Comm. Dentistry Dept.
1 day	Mar 12, 1988	Denver CO	Elect. Anes.	Analgotronics
1 day	Mar 26, 1988	Reno NV	Elect. Anes.	Analgotronics
1 day	Apr. 1, 1988	Anchorage AK	Elect. Anes.	Academy of General Dentistry
2 day	Apr. 8, 1988	Portland OR	N2O Sedation	University of Oregon
1 day	Apr. 15, 1988	Vancouver B.C.	Elect. Anes.	University of British Columbia
1 hr	Apr. 22, 1988	Jonesboro GA	Elect. Anes.	Video Study Club
1 day	Apr. 23, 1988	Jonesboro GA	Elect. Anes.	Analgotronics
1day	Apr. 25, 1988	Ashville NC	Elect. Anes.	Analgotronics
10 min.	May 13, 1988	Canberra Australia	Elect. Anes.	5th Intern Congress Pain Control
4 hr.	May 25, 1988	Portland Or.	Elect. Anes.	Grad. Student Hosp. Dentistry
2 day	Jun 10, 1988	Portland OR	N2O Sedation	University of Oregon
7 hr	Sept. 10, 1988	Seattle WA	Elect. Anes.	Analgotronics
2 days	Sept. 17, 1988	Vancouver B.C	.N2O Sedation	University of British Columbia
1 day	Sept. 23, 1988	Ashland OR	Elect. Anes.	S. Oregon Research Seminar
1 day	Oct. 1, 1988	Omaha, NB	Elect. Anes.	Analgotronics
1 day	Oct. 15, 1988	Boston MA	Elect. Anes.	Analgotronics
eve	Nov. 1, 1988	Seattle WA	Elect. Anes.	Sea King Co Dent. Society
2 day	Dec 9, 1988	Portland OR	N2O Sedation	University of Oregon
1 day	Dec 29, 1989	Kauai HI	Elect. Anes.	Analgotronics

1989

3 hr	Jan. 11, 1989	Seattle WA	Elect. Anes.	Seattle Crown and Bridge Study Club
1 day	Jan. 14, 1989	Los Angeles CA	Elect. Anes.	Analgotronics
1 day	Jan. 21, 1989	Phoenix AZ	Elect. Anes.	Analgotronics
evening	Feb. 13, 1989	Bellevue WA	Elect. Anes.	Bellevue Study Club
1 day	Feb. 18, 1989	Las Vegas NV	Elect. Anes	.Analgotronics
1 hr.	Feb. 23, 1989	Seattle WA	Elect. Anes.	U of Wash. Gen. Practice Residents
2 hr	Apr. 19, 1989	Portland OR	Elect. Anes.	U of Oregon Hospital dent. residents
1 day	Apr. 29, 1989	Chicago Ill	Elect. Anes.	Analgotronics
2 day	May 12, 1989	Portland OR	N2O Sedation	University of Oregon
1 day	May 19, 1989	New York NY	Elect. Anes.	Analgotronics
1 day	May 20, 1989	Wash. D.C.	Elect. Anes.	Analgotronics
1 day	Jun 16, 1989	Portland OR	Elect. Anes.	University of Oregon
1 day	July 10, 1989	Bridgeport CT	Elect. Anes.	Analgotronics
3 evenings	July 20, 1989	Kenai AK	Elect. Anes.	Analgotronics
1 day	Sept. 16, 1989	Dallas TX	Elect. Anes	Analgotronics
2 day	Sept. 22, 1989	Portland Or	N2O sedation	University of Oregon

1989: (cont.)

1 day	Sept. 25, 1989	Pendleton Or	Elect. Anes.	Eastern Oregon Dental Society
1 day	Oct. 20, 1989	Kansas City MO	Elect. Anes.	Analgotronics
1/2 day	Nov. 4, 1989	Honolulu HI	Elect. Anes.	American Dental Association
evening	Dec 12, 1989	Seattle WA	Elect. Anes.	Seattle King Co. Dent. Society

1990

2 day	Jan. 26, 1990	Los Angeles CA	Elect. Anes.	U. of Southern California
2 day	Feb. 23, 1990	Portland OR	N2O sedation	University of Oregon
1/2 day	March 2, 1990	Seattle WA	N2O Contamination	Institute for Applied Studies
1 day	March 3, 1990	Seattle WA	Elect. Anes.	Analgotronics
1 1/2 hr	March 5, 1990	Portland OR	Elect. Anes.	U of O Soph. Dent Students
1 day	March 31, 1990	Orlando FL	Elect. Anes.	Analgotronics
10 min.	May 5, 1990	Orlando FL	Diffusion hypoxia	National Am. Dent. Soc. Anes.
10 min.	May 5, 1990	Orlando FL	Halcion sedation	National Am. Dent. Soc. Anes.
10 min.	May 5, 1990	Orlando FL	Bp. monitors	National Am. Dent. Soc. Anes.
1 day	May 12, 1990	Salt Lake City	Elect. Anes.	Analgotronics
1 day	May 19, 1990	Denver CO	Elect. Anes.	Analgotronics
1 day	June 9, 1990	Phoenix AZ	Elect. Anes.	Analgotronics
2 day	June 20, 1990	Portland OR	N2O sedation	University of Oregon
1 day	July 19, 1990	Kenai AK	Elect. Anes	Analgotronics
eve	Sept. 14, 1990	Norfolk VA	Elect. Anes.	U. S. Navy Oral Surgery Study Club
2 day	Sept. 28, 1990	Portland OR	N2O sedation	University of Oregon
1 hr.	Oct. 5, 1990	Seattle WA	Halcion	Wash. State Pediatric Dental Society
1 hr.	Oct. 21, 1990	Bellevue WA	Elect. Anes. Halcion	Interlake Dental Study Club
1 day	Nov. 24, 1990	Vancouver BC	Elect. local Anes.	University of British Columbia

1991

2 hr.	Jan. 4, 1991	Tacoma WA	Elect. Anes. N2O	Pierce County Community College
Dental Hygiene students				
1 hr.	Jan. 11, 1991	Seattle WA	Halcion Sedation	Grad. Students U of W
2 day	Feb. 1, 1991	Portland OR	N2O sedation	University of Oregon
3 hr.	Feb. 19, 1991	Chicago IL	Elect Anes Tbl. Clinic	Chicago Midwinter Meeting
3 hr.	Feb. 19, 1991	Chicago IL	Halcion sedation	Chicago Midwinter Meeting
1 hr.	Mar 5, 1991	Portland OR	Elect. Anes.	U of O Soph. Dent Students
1 hr.	Mar 12, 1991	Seattle WA	Halcion Sedation	Seattle King Co. Dental Soc.
1 hr.	Mar 19, 1991	Everett WA	Elect Anes Halcion	Snohomish Co. Dental Soc.
1 hr.	Mar 28, 1991	Seattle WA	Elect. Anes.	Dent. Hygiene Study Club
1 hr.	Apr. 9, 1991	Seattle WA	Elect. Anes Halcion	U of W Hospital Dent. Residents
1 hr.	Apr. 14, 1991	Olympia WA	Elect. Anes. N2O	Thurston Co. Dent. Hygienists
1 hr.	Apr. 16, 1991	Everett WA	Elect. Anes. N2O	Snohomish Co. Dent. Hygiene
1 day	Apr. 26, 1991	Omak WA	Elect. Anes Halcion	Okanogan Valley Study Club
1 hr.	May 12, 1991	Wash. D.C.	Elec. Anes.	6th International Congress on
Modern Dental Pain Control				
1 hr.	May 12, 1991	Wash. D.C.	Halcion Sedation	6th International Congress on
Modern Dental Pain Control				

1991 (cont.)

1 day	July 12, 1991	Bozeman MT	Elect. Anes Halcion	Big Sky Study Club
1 hr.	Aug. 12, 1991	Seattle WA	Halcion sedation	U of W Hospital Dental Res.
1 hr.	Aug. 19, 1991	Seattle WA	Nitrous oxide sed.	U of W Hospital Dental Res
3 hr	.Oct. 5, 1991	Seattle WA	Halcion Sedation	ADA Table Clinic
3 hr.	Oct. 6, 1991	Seattle WA	Elect. Anes.	ADA Table Clinic
3 hr.	Nov. 14, 1991	Seattle WA	Halcion sedation	Seattle Cr Bridge Seminar
2 day	Nov. 16, 1991	Vancouver BC	N2O sedation	University of British Columbia
2 hr.	Dec 5, 1991	Seoul Korea	Elect. Anes.	Kyung Hee University Dental School
2 hr.	Dec 5, 1991	Seoul Korea	Elect. Anes.	Hankil (Seoul) Dental Society
2 hr.	Dec 9, 1991	Taipei Tiawan	Elect. Anes.	Cathey Hospital Dental Department
2 hr.	Dec 9, 1991	Taipei Tiawan	Elect. Anes.	Mackay Hospital Dental Department

1992

2 hr.	Jan. 9, 1992	Federal Way WA	Elect. Anes.	South Puget Sound Dent Study Group
3 hr.	Jan. 24, 1992	Tacoma WA	Elect. Anes. N2O	Pierce County Community College Dental Hygiene
2 day	Feb. 7, 1992	Portland OR	N2O sedation	University of Oregon
3 hr.	May 8, 1992	La Paz, Bolivia	N2O, Halcion, EDA	Analogtronics
1 day	May 16, 1992	Seattle WA	N2O sedation	Wash. Dental Hygiene Assn.
1 hr.	May 24, 1992	Seattle WA	Halcion Sedation	American Assn. of Pediatric Dentists
3 hr.	July 9, 1992	Seattle WA	Halcion Sedation	Wash. State Dental Assn.
3 hr.	July 9, 1992	Seattle WA	Elect. Anes.	Wash. State Dental Assn.
2 hr.	Oct. 7, 1992	Seattle WA	Halcion sedation	U of W Hospital Dental Res
2 day	4 Dec, 1992	Portland OR	N2O sedation	University of Oregon
1 hr.	8 Dec, 1992	Seattle WA	Anesthesia	Seattle King Co. Dent. Soc.
1 day	11 Dec, 1992	Indianapolis IN	Elect. Anes.	Indiana University

1993

2 hr.	13 Jan., 1993	Seattle WA	Elect. Anes. N.W.	Dental Materials Study Club
1 day	15 Jan., 1993	Seattle WA	N2O, Halcion, EDA	University of Washington
1 day	16 Jan., 1993	Seattle WA	Elect. Anes.	University of Washington
1 day	29 Jan., 1993	Edmonton AB	Elect. Anes.	3M Company
1 day	30 Jan., 1993	Calgary AB	Elect. Anes.	3M Company
1 day	30 Jan., 1993	Calgary AB	Elect. Anes.	3M Company
1/2 day	1 Feb., 1993	Seattle WA	Elect. Anes.	Puget Sound Cont. Dental Ed. Gr.
1 hr.	2 Feb., 1993	Tacoma WA	Elect. Anes.	Pierce County Comm. College Dental Hygiene.
3 hr.	Feb. 19, 1993	Chicago IL	Elect Anes	Chicago Midwinter Meeting
3 hr.	Feb. 19, 1993	Chicago IL	Halcion	Chicago Midwinter Meeting
3 hr.	Feb. 20, 1993	Chicago IL	Elect Anes	Chicago Midwinter Meeting
3 hr.	May 12, 1993	Seattle WA	Elect Anes	Research Celebration Day University of Washington
2 day	June 24, 1993	Portland OR	N2O sedation	University of Oregon
1 day	Sept. 17, 1993	Spokane WA	N2O, EA, Halcion	Analogtronics
1 day	Oct. 8, 1993	Seattle WA	N2O, EA, Halcion	University of Washington
2 day	Dec 3, 1993	Portland OR	N2O sedation	University of Oregon

1994

3 hr	Jan. 11, 1994	Seattle WA	N2O, Elect.	Anes..Shoreline Community
	College Dental Hygiene			
1 hr	Jan. 11, 1994	Bellevue WA	Eect. Anes.	Seattle King Co. Dent. Soc.
2 hr.	25 Jan., 1994	Tacoma WA	Elect. Anes.	Pierce County Community
	College Dental Hygiene			
3 hr.	Feb. 17, 1994	Chicago IL	Elect Anes	Chicago Midwinter Meeting
3 hr.	Feb. 17, 1994	Chicago IL	N2O Scavenging	Chicago Midwinter Meeting
3 hr.	Feb. 20, 1994	Chicago IL	Elect Anes Chicago	Midwinter Meeting
3 hr.	Feb. 20, 1994	Chicago IL	Halcion Sedation	Chicago Midwinter Meeting
1 hr.	Mar 6, 1994	Puerto Rico	EA N2O marketing	Amer. Society of Dental Anes
2 hr.	Mar 8, 1994	Martinique	Electronic Anes.	Amer. Society of Dental Anes
2 hr.	Mar 9, 1994	Barbados	N2O Halcion sedation	Amer. Society of Dental Anes
2hr.	Mar 17,1994	Seattle WA	N2O Scavenging	NW Dent Hygiene Study Club
10 min.	15 Apr., 1994	Boston MA	Elect. Anes.Amer.	Society of Dental Anesthesia
4 hr	19 Apr., 1994	Alhambra CA	N2O Scav, Halci. EDA	San Gabriel Valley Dental Soc
2 days	23 Jun, 1994	Portland OR	N2O Sedation, EDA	University of Oregon
1.5 hr.	12 Oct., 1994	Seattle, WA	Dental Materials	Seattle Area Material and Production Engineers Boeing Co.
2 days	9 Dec, 1994	Portland OR	N2O Sedation, EDA	University of Oregon

1995

1 hr.	11 Jan., 1995	Seattle WA	EDA, internet for dent.	Sea King Co. Dent. Society
1 hr.	23 Jan., 1995	Tacoma WA	EDA, N2O	Pierce Co. Comm. College Dental Hyg.
1 hr.	2 Feb., 1995	Miami FL	EDA, N2O, Halcion	Am. Dent. Soc. Anes.
2 hr.	7 Feb., 1995	Cosomel MX	Halcion sedation	Am. Dent. Soc. Anes.
2 hr.	9 Feb., 1995	Gulf of Mexico	EDA	Am. Dent. Soc. Anes.
2 day	Feb. 19,1995	Loma Linda CA	EDA, Halcion N2O	Loma Linda U. Dental School
1 day	4 Mar, 1995	Bend Or	EDA, N2O, Halcion	`Bend Dental Hygiene Group
1 hr.	20 Apr., 1995	Bellevue WA	EDA	Lake Wash. Dent. Hygiene Soc.
2 day	28 Apr., 1995	Vancouver BC	N2O EDA	University of British Columbia
3 hr	7 Oct., 1995	Las Vegas NV	EDA vs Topical	American Dental Assn.
1 hr	.4 Nov., 1995	Vancouver BC	IV sedation	University of British Columbia GPR residents
2 days	7 Dec, 1994	Portland OR	N2O Sedation, EDA	University of Oregon

1996

1 day	Jan. 26, 1996	Seattle WA	N2O, scavenging	University of Washington
2 day	Feb. 11,1996	Loma Linda CA	EDA, Halcion N2O	Loma Linda U. Dental School
3hr.	April 21, 1996	New York NY	Future of Anes in Dent.	Am. Dent. Soc. of Anes.
6hr.	July 11, 1996	Seattle WA	EDA, halcion stab.	Pacific NW Dental Conference
15 min.	August 23,24 1996	Vancouver BC	Elect. Anes	6th International Dental Seminar of the International Union of Schools of Oral Health - Pain Control in Dentistry
4hr.	Nov. 20, 1996	Loma Linda CA	EDA, Halcion, N2O,	Loma Linda U. Dental School
1 day	Dec. 5, 1996	Phoenix AZ	EDA, Halcion, N2O, IA	Central Arizona Dental Assn

1997

1 hr.	23 Jan., 1997	Tacoma WA	EDA, N2O	Pierce Co Comm. College Dental Hyg.
7 hr.	26 Mar, 1997	Christchurch NZ	N2O	International Federation of Dental
1 hr.	28 Mar, 1997	Christchurch NZ	Internet for Dentists	International Federation of Dental Anesthesiology Societies
2 hr.	29 Mar, 1997	Christchurch NZ	EDA, inteross. Injection	International Federation of Dental Anesthesiology Societies
2 hr.	29 Mar, 1997	Christchurch NZ	panel dental anes..	International Federation of Dental Anesthesiology Societies
1 day	5 Dec, 1997	Seattle WA	N2O, EDA, Halcion	University of Washington

1998

1 day	5 Dec, 1998	Sioux Falls SD	N2O, EDA, Halcion	SE Dental Society
30 min.	1 May, 1998	Vancouver BC	Halcion sedation	Am. Dent. Soc. Anes.
2 day	30-31 May, 1998	Portland OR	N2O sedation	University of Oregon
1 hr	24 July, 1998	Table Mountain	Video photography of moon	Table Mt. Star Party
3hr	23 Oct. 1998	San Francisco	N2O trace contaminants	Amer.Den Assoc. Tbl. Clinic
3hr	24 Oct. 1998	San Francisco	N2O trace contaminants	Amer. Den Assoc. Tbl. Clinic
4hr	21 Nov. 1998	Portland OR	Halcion, N2O, ins. Rev	Portland Implant Study Club

1999

2 hr.	8 Feb. 1999	Costa Rica at sea	Halcion Sedation	ASDA Anes Cruise
2 hr.	12 Feb. 1999	Cartagena Columbia	Trace contaminants	N2OASDA Anes Cruise
7 hr.	26 March. 1999	Juneau AK	N2O review	SE Alaska Study Group
7 hr.	27 March 1999	Anchorage AK	N2O review	University of Alaska
7 hr.	27 March 1999	Anchorage AK	N2O review	University of Alaska
0.5 hr.	12 May 1999	Shoreline WA	Solar Eclipse	Rotary, Shoreline Morning Club
7 hr.	11 Sept. 1999	Anchorage AK	N2O review	University of Alaska
7 hr.	12 Sept. 1999	Anchorage AK	N2O review	University of Alaska
7 hr.	9 Oct. 1999	Eugene OR	N2O halcion	Lane Co Dental Research Group
6 hr	.30 Oct. 1999	Launceston Tasmaina	N2O halcion	Australian Soc. of Dent Anes

2000

7 hr.	28 Feb. 2000	Vancouver WA	N2O Halcion, pain control	Cascade Dental Group
2 day	9-10 June 2000	Portland OR	N2O sedation	University of Oregon
1hr.	17 July 2000	Sun River OR	Dent. Consulting	NW Assn. 3rd Party
Administrators				
2 day	15-16 Sept. 2000	Seattle WA	Pain control	U of Washington
2 day	1-2 Dec 2000	Phoenix AZ	Halcion	IDF Study Club

2001

1 hr	8 Feb. 2001	Seattle WA	Dental Fraud	Lions Club Columbia City
2 day	22-23 Feb. 2001	Scottsdale AZ	Halcion	IDF Study Club
2 hr.	17 May 2001	Rosario WA	Dental Insurance	Washington Employer Trust
2 day	1-2 June 2001	Portland OR	N2O	U of Oregon

2001 (cont.)

1 day	14 Sept. 2001	Walla Walla WA	Halcion N2O	Walla Walla Dent Soc.
1 day	19 Oct 2001	Seattle WA	Halcion N2O	Wash. Academy Gen Dent
1hr.	21 Nov 2001	Melbourne Australia	Dental Emerg.	Melbourne Dental Study Club
1 day	30 Nov 2001	Moses Lake WA	Halcion N2O	Moses Lk Dent Imp. Stdy Club
1hr.	17Dec 2001	Seattle WA	Dental care	Radcliff House for drug rehab.

2002

2hr.	28 Feb 2002	Seattle WA	Dent Emergency	Beacon Hill Dent Assoc.
1 hr	3 April 2002	Seattle WA	Dental Emergencies	NW Dental Study Club
3 hr	11 May 2002	Pago Pago Am	Samoa FI Varnish	U of W PICCE med school
8 hr	12-14 May 2002	Pago Pago	various topics	U of W PICCE med school
2 days	15-16 June 2002	Portland Or	N2O	OHSU
2 hr	5 Sept. 2002	Kirkland WA	Dent emerg	Dental Diag Treat. SC
2 hr	16 Oct 2002	Puyallup WA	N2O dental emerg	Dental Hygiene Study club

2003

1 hr	8 Jan 2003	Seattle WA	local anesthesia	Dental materials study club
2 day	22-23 March 2003	Vancouver BC	Nitrous Oxide	Faculty of dentistry U of BC
1day	18 April 2003	Seattle	Halcion dent. emerg.	Wash AGD
20 min.	3 May 2003	Tucson AZ	Halcion titration	ADSA national meeting
1 hr	6 June 2003	Edinburgh Scotland	SaO2 vs altitude	10th meeting International Federation of Dent. Anes
2 day	20-21 June 2003	Portland OR	Nitrous oxide halcion	U of Oregon Cont. Ed.
1 hr	24 July 2003	Seattle WA	Local anesthesia	Pac. NW Dental Congress
4 day	2-5 Sept 2003	Koror, Palau	Computers D. emerg	U of W PICCE, Pac Basin Den A.
2 day	12-13 Sept 2003	Seattle WA	Nitrous Oxide halcion	U of W Cont. Ed.
2 day	9-10 Oct 2003	Ft Lewis WA	Halcion nitrous oxide	Ft Lewis Army Dent. Residents
1 day	21 Nov 2003	Salt Lake City	Halcion Sedation	Private Group 250

2004

1 hr	22Jan 2004	Olympia WA	Halcion WA St Dent.	Quality Assurance Comm.
1 day	30 Jan 2004	Boston MA	Halcion, local, dent emerg.	Yankee Dental Congress
1 hr	31 Jan 2004	Boston MA	Halcion	Breakfast Yankee Dental Congress
1 day	26 Feb. 2004	Salt Lake City	Halcion sedation	Utah Dental Association
2 day	20 21 Mar. 04	Guam	halcion N2O	Guam Dental Society
	- 20 -2 day 27 28 Mar 2004	Vancouver	N2O	U of B. C.
1hr	1 May 2004	Key West FL	Halcion conflict	ADSA
2 day	5-6 June 2004	Atlanta GA	Nitrous oxide halcion	DOCS
2 day	11-12 June 2004	Portland OR	Nitrous oxide halcion	U of Oregon Cont. Ed.
1 day	15 Oct 2004	Ft Lewis WA	Nitrous oxide	Ft Lewis Army Dent. Residents
2 days`	3-4 Dec 2004	Miami FL	Nitrous halcion	DOCS
2 days	19-11 /Dec 2004	Seattle WA	Nitrous Halcion	U of W

2005

2 day	11-12 Feb 2005	Miami FL	Nitrous Halcion	DOCS
2 day	10-11-May 2005	Portland Or	Nitrous oxide halcion	OHSU

2005 (cont.)

1 day	14 May 2005	Seattle Wa	Nitrous oxide halcion	Plastic surgery course
2 day	17-18 May 2005	Pittsburg PA	Nitrous oxide Halcion	DOCS
3 hr	26 May 2005	Alaska	Dent Emerg. Halcion	Idf
2 hr.	24 Sept 2005	Ft. Lee NJ	Dental Emerg.	P. D. Dent. Seminars
3 hr	21 Sept 2005	Federalway WA	Dent Emerg. Halcion	WashAGD Study club
1 day	17 Oct 2005	Ft Lewis	N2O Halcion sedation	Ft Lewis Army Dent. Residents
2 days	20-21 Nov 2005	Seattle WA	Oral conscious sedation	Wash AGD
10 min	2 Dec 2005	Olympia WA	DQAC	House of Rep Health Care Committee

2006

2 day	30-31 March 2006	Vancouver BC	Nitrous	U of British Columbia
1 day	1 April 2006	Vancouver BC	Halcion	U of British Columbia
1 day	8 April, 2006	Portland OR	Halcion emerg.	Oregon Dental Assn.
1 day	28 April, 2006	St Paul Minn	Halcion emerg n2o	Minn Dental Assn.
2 day	21-22 July 2006	Portland OR	N2O sedation OCS	OHSU
2 day	11-12 Aug 2006	Portland OR	N2O sedation OCS	OHSU
1 day	11 Sept 2006	Ft Lewis	N2O Halcion sedation	Ft Lewis Army Dent. Residents
2 hr	24 Sept 2006	Kent	N2O halcion emerg	Willamette Dent Group
10 min	6 Oct	Yokohama JP	Oral sedation	10 th IFDAS
2 day	15-16 Dec 2006	Portland	N2O sedation	OHSU
1 day	17 Dec 2006	Portland	Oral Cons Sed	OHSU

2007

1 hour	Feb 7, 2007	Seattle WA	Oral Conscious Sed	Seattle C and B study club
1 day	11 May 2007	Phoenix AZ	Oral Conscious Sed.	TC Still Dental School
2 day	18-19 May 2007	Seattle WA	Oral Conscious Sed	U of Washington
2 day	14-15 July 2007	Portland OR	N2O Sedation	OHSU
1 day	13 July 2007	Portland OR	Oral Conscious Sed	OHSU
2 day	30 Nov 1 Dec 07	Portland OR	N2O Sedation	OHSU
1 day	2 Dec 2007	Portland OR	Oral Conscious Sed	OHSU
1 day	24 Sept 2007	Ft Lewis WA	N2O Sedation	Army GPR
1 day	30 Nov 2007	Portland OR	Oral Consciou Sed	OHSU
2 day	1-2 Dec 2007	Portland OR	N2O sedation	OHSU

2008

2 day	7-9 Feb 2008	Whitefish MT	N2O cons sed	Medwox.org
3 day	11-13 Apr 2008	Vancouver BC	N2O cons. Sed	U of British Columbia
1 day	21 May 2008	Syracuse NY	N2O dent emerg.	Upper NY Perio club
3 day	1-3 Aug 2008	Portland OR	N2O cons. Sed	OHSU
4 hr	15 Sept 08	Seattle WA	Provider BLS	SCCC Dental Hygiene
1 hr	16 Sept 08	Mercer Is WA	Dent. for consumers	MI lions club
3 day	7-9 Nov 08	Seattle WA	N2O cons. Sed	U of Washington
3 day	5-7 Dec 08	Portland OR	N2O cons. Sed	OHSU

2009

14 hr	22-24 Jan 2009	Whitefish MT	N2O cons sed	Medworx OHSU AGD/OR
1 hr	13 Mar, 2009	Bremerton WA	DQAC politics	Wa St Oral Health Coalition
3 hr	9 Mar, 2009	Seattle WA	Prov. BLS	NW dent materl Stdy Club
1 hr	21 Apr 2009	Seattle WA	Dent. for consumers	Rainier Valley Rotary
3 day	24-27 Apr 2009	Vancouver BC	N2O cons. Sedation	U of British Columbia
3 hr	15 May 2009	Los Angeles	N2O OCS med emerg	S. Calif Dental Assn
3 hr	15 May 2009	Los Angeles	N2O OCS med emerg	S. Calif Dental Assn
1 hr	4 June 2009	Tukwilla WA	Dent. for consumers	Tukwilla Rotary
1 hr	4 June 2009	Seattle WA	Dent. for consumers	International District Rotary
1 hr	11 June 2009	Seattle WA	Dent. for consumers	Sunrise University Dist Rotary
1 hr	1 July 2009	Shoreline WA	Dent. for consumers	Shoreline Breakfast Rotary
3 day	31 July - 2 Aug 2008	Portland OR	N2O cons. Sed	OHSU
1 hr	28 Aug 2009	Seattle WA	Dent. for consumers	Lake Union Rotary
3 day	25-27 Sept 2009	Seattle WA	N2O cons. Sed	U of Washington
1 hr	15 Oct 2009	Brisbane Australia	Halcion case rpt	Int Fed Dent Anes Societies
1 hr	16 Oct 2009	Brisbane Australia	BIS monitoring	Int Fed Dent Anes Societies
1 hr	12 Nov 2009	Kirkland WA	Dent. for consumers	Madison House Retirement Ctr
3 day	20-23 Nov 2009	San Francisco CA	OCS	Conscious Sedation Consulting
3 day	4-6 Dec	Portland OR	N2O cons. Sed	OHSU

2010

3 hr	26 Feb 2010	Missoula MT	Med emergencies	MT AGD
2 hr	27 Feb 2010	Missoula MT	Dental Insurance	MT AGD
7 hr	24 Apr 2010	Seattle WA	N2O peds for RNs	Swedish Medical Center
21hr	5 May 2010	Vancouver BC	N2O cons. Sed	Univ. British Columbia
2 hr.	14 May 2010	Seattle	Provider BLS	Beacon Hill Dent Associates
2 hr	29 May 2010	Jasper AB	Med emergencies	Alberta Dental Assn / College
1 hr.	30 May 2010	Jasper AB	Age Relevant Dent	Alberta Dental Assn / College
12 hr.	10 Aug 2010	Seattle WA	N2O, med emerg, fl v	Beacon Hill Dental Assoc.
5 hr	13 Aug 2010	Provo UT	N2O emerg. Halcion	Academy of LDS Dentists
3 day	19-21 Aug 2010	Portland OR	N2O halcion emerg	OHSU
3 day	27-29 Aug 2010	San Francisco CA	N2O halcion emerg	Medworx/S. Beach Dental
1 day	2 Sept. 2010	Seattle WA	Halcion emerg	Dr. Spear Sea. Inst. for adv. Dent
1 hr	7 Sept. 2010	Seattle WA	Age Relevant Dent	Kent East Hill Rotary
1 hr	21 Sept. 2010	Seattle WA	Age Relevant Dent	Rainier Valley Rotary
3 day	24-26 Aug 2010	Seattle WA	N2O halcion emerg	U of Washington Dental School
3 day	3-5 Dec 2010	Portland OR	N2O halcion emerg	OHSU

2011

1 hr.	15 March 2011	Seattle WA	Vietnam Chu Lai video	Rainier Valley Rotary
1 hr	6 April 2011	Shoreline WA	Vietnam Chu Lai video	Shoreline Morning Rotary
1 hr	27 April 2011	Seattle WA	How to be smart consumer	Museum of Flight
21hr	29 April 1 May 2011	Vancouver BC	N2O cons. Sed	Univ. British Columbia
1 hr.	20 May 2011	Phoenix AZ	Age relevant Dent	Am Assn of Dental Consultants

2011: (cont.)

1 hr	26 May 2011	Kirkland WA	Age relevant Dent	Madison House Retirement Ctr
21 hr	28 July 2011	Portland OR	N20 halcion emerg	OHSU
2 hr	23 Aug 2011	Cochabamba Bolivia	med emergencies	Smiles for ever Shoreline DH
2 hr	23 Aug 2011	Cochabamba Bolivia	med emergencies	Smiles for ever Shoreline DH
2 hr	25 Aug 2011	Cochabamba Bolivia	med emergencies	Bolivian Dental Hygiene Assn.
21 hr.	14-16 Oct 2011	Seattle WA	N20 halcion emerg	U of Washington Dental School
21 hr	2-4 Dec 2011	Portland OR	N20 halcion emerg	OHSU

2012

3 hr	3 Feb 2012	Seattle WA	Health Care BLS	Beacon Hill Dental Associates
1 hr	15 Mar 2012	Seattle WA	Emergency kits for Dentists	Webinare SDO.com
1 hr	27 Mar 2012	Seattle WA	Dental insurance consulting	Webinare SDO.com
21hr	27-29 Apr 2012	Vancouver BC	N20 cons. Sed	Univ. British Columbia
4 hr	24 May 2012	Jasper AB	medical emergencies	Alberta Dental Assn + College
2 hr	26 May 2012	Jasper AB	Age relevant ethics	Alberta Dental Assn + College
3 hr.	11 June 2012	Everett WA	Health Care BLS	Dr. Jean
1 hr	15 Jund 2012	Seattle WA	Age relevent, insur.	Pacifid Northwest Dent Conference
3 hr	22 June 2012	Philadelphia PA	Med emerg.	Academy of General Dentistry
21 hr	19-21 July 2012	Portland OR	N20 halcion emerg	OHSU
21 hr.	12-14 Oct 2012	Seattle WA	N20 halcion emerg	U of Washington Dental School
21hr	16-18 Nov 2012	Vancouver BC	N20 cons. Sed	Univ. British Columbia
1 hr	21 Nov 2012	Seattle WA	Flying to Oshkosh	Rainier Valley Rotary
21 hr	30 Nov 12 Dec 2012	Portland OR	N20 halcion emerg	OHSU

2013

7 hr.	22 Jan 13 2013	Seattle WA	N20 halcion emerg	U of Wash graduate perio and endo
1 hr.	7 Mar 13 2013	Redmond WA	Age relevant dentistry	Redmond Retirement Center
1 hr.	1 April 13 2013	Seattle WA	Age relevant dentistry	Washington Place Wallingford
21 hr.	1 April 26-28 2013	Vancouver BC	N20 cons. Sed	Univ. British Columbia
1 hr.	1 April 13 2013	Seattle WA	Age relevant dentistry	Summit House Jewish Retirement
21hr	23-25 May 2013	Jasper AB	N20 cons. Sed	Alberta Dental Association and College
21 hr	11-13 July 2013	Portland OR	N20 halcion emerg	OHSU
16 hr.	25-27 Oct 2013	Whitefish MT	ARD, problem cases	Medworx
21 hr.	1-3 Nov 2013	Vancouver BC	N20 Halcion emerg	Univ. British Columbia
21 hr.	13-15 Dec 2013	Portland OR	N20 halcion emerg	OHSU

2014

7 hr.	1 Feb 2014	Edmonton AB	Local anes Sed DrDuvis	Alberta Dental Assn and College
21 hr.	7-9 Feb 2014	Seattle WA	N20 halcion emerg	U of Washington Dental School
21 hr.	25-26 April 2014	Vancouver BC	N20 Halcion emerg	Univ. British Columbia
3 hr.	22 May 2014	Jasper AB	charting ins informed	Alberta Dental Association and College
21 hr.	23-25 May 2014	Jasper AB	N20 halcion emerg	Alberta Dental Association and College
21 hr.	16-17 Aug 2014	Portland OR	N20 halcion emerg	OHSU
3 hr.	17 September 2014	Mill Cr. WA	Charting Mal practice	Snohomish County Dental Society
1hr.	16 October 2014	Seattle WA	Vietnam: My experience	Raisbeck Aviation High School
21 hr.	31 Oct- 2 Nov 2014	Vancouver BC	N20 Halcion emerg	Univ. British Columbia

2015

1 hr.	13 Jan 2015	Seattle WA	Being a smart dental consumer	Rainier Valley Rotary
21 hr.	23-25 Jan 2015	Portland OR	N20 halcion emerg	OHSU
21 hr.	19-21 Feb 2015	Seattle WA	N20 halcion emerg	U of Washington Dental School
7 hr.	17 March 2015	Walla Walla WA	N20 halcion emerg	Inland Family Dentistry
21 hr.	24-26 March 2015	Vancouver BC	N20 Halcion emerg	Univ. British Columbia
2 hr.	27 April 2015	Seattle WA	Vietnam my experience	Puget Sound Community School
2 hr.	10 June 2015	Kirkland WA	Dental concers for oral cancer	NW cancer group
2 hr.	14 Sept 2015	Seattle WA	Being a smart dental consumer	S Sea Senior Center
7 hr.	21 Sept 2015	Seattle WA	N20 halcion emerg	Kinzer Spears Dental + 2 other offices
21 hr.	1-3 Oct. 2015	Vancouver BC	N20 Halcion emerg	Univ. British Columbia
7 hr.	21 Oct. 2015	Seattle WA	N20 Halcion emerg	U of Washington Dental School