

## CURRICULUM VITAE

**NAME:** Robert W. Riley

**BIRTHPLACE:** San Francisco, California  
September 16, 1946

**EDUCATION:** D.D.S., University of California, San Francisco, 1972  
M.S. Pharmacology, University of California, San Francisco, 1972  
M.D., University of Alabama, Birmingham, 1977

**INTERNSHIP:** General Surgery, Highland-Alameda County Hospital, Oakland, California, 1978

**RESIDENCY:** Oral and Maxillofacial Surgery, Harbor - U.C.L.A. Medical Center, 1972-1975  
Head and Neck Surgery (Otolaryngology), Stanford University Medical Center, 1979-1982

**LICENSURE:** D.D.S., California, 1972, DI229914  
M.D., California, 1978, G37422  
D.E.A. #AR7384326

**AWARDS:** Outstanding Intern of the Year,  
Highland-Alameda County Hospital  
Oakland, California, 1978  
Academy of Facial Plastic and Reconstructive Surgery Ira Tresley Research Award 1987 -The best original research in facial plastic surgery.  
Outstanding Achievement in Medicine Award Santa Clara County Medical Association, 2001

**SOCIETY MEMBERSHIP:** American Medical Association  
American Academy Otolaryngology -Head and Neck Surgery  
American Academy Facial Plastic and Reconstructive Surgery  
American Sleep Disorders Association

**BOARD CERTIFICATION and APPOINTMENTS:** American Board Otolaryngology Head and Neck Surgery, 1982  
Fellow American College of Surgeons, 1986  
Fellow American Academy of Facial Plastic and Reconstructive Surgery, 1987  
Associate Clinical Professor Stanford University Sleep Disorders Medicine & Research, Stanford, CA  
Clinical Professor Department of Surgery (Otolaryngology), Stanford University Medical Center, Stanford, CA

THESIS:

The characteristics of Binding of Dapsone and Monoacetyldapsone by Serum Albumin, completed for M.S. Pharmacology, University of California, San Francisco, 1972

PUBLICATIONS:

Books

1. Guilleminault C, Quera-Salva MT, Powell N, Riley R: Maxillo-mandibular surgery as a treatment for obstructive sleep apnea. In: Chouard CH (Eds.), Chronic Rhonchopathy, Paris: John Libbey Eurotext, 320-327, 1988.
2. Guilleminault, C., Riley, R., Powell, N.: Surgical treatment of obstructive sleep apnea. In: M. Kryger (Eds.), Principles and Practice of Sleep Medicine, Philadelphia: Saunders, 571-583, 1989.
3. Powell, N., Riley, R., Guilleminault, C.: Maxillofacial surgery for obstructive sleep apnea. In: M. Partinen & C. Guilleminault (Eds.), Obstructive Sleep Apnea Syndrome: Clinical Research and Treatment, New York: Raven, 1989, 153-182.
4. Powell, N., Riley, R.: Obstructive sleep apnea: orthognathic surgery perspectives past, present, and future. In: R. West (Eds.), Oral and Maxillofacial Surgery Clinics of North America, Philadelphia: W.B. Saunders, 1990, 2:843-856.
5. Riley R, Powell N: Maxillofacial surgery and obstructive sleep apnea syndrome. In: C. Koopman (Eds.), Otolaryngol Clin North Am, 1990, 23:809-826.
6. Powell N, Riley R, Guilleminault C: Rationale and indications for surgical treatment of obstructive sleep apnea syndrome. In: G. Katsantonis (Eds.), Operative Techniques in Otolaryngology-Head and Neck Surgery, 1991;2:87-90.
7. Powell N, Riley R, Guilleminault C: Maxillofacial surgical techniques for hypopharyngeal obstruction in obstructive sleep apnea. In: G. Katsantonis (Eds.), Operative Techniques in Otolaryngology-Head and Neck Surgery, 1991;2:112-119.
8. Powell N, Riley R: Malar contouring by zygomatico maxillary osteotomies. In: T. Nique, H. Tu (Eds.), Anesthesia for Facial Plastic Surgery, New York: Thieme, 1993, pg64-65

Books:

9. Powell N, Guilleminault C, Riley R: Surgical treatment of

obstructive sleep apnea. In: M. Kryger, T. Roth, W. Dement (Eds.), Principles and Practice of Sleep Medicine, 2nd ed. 1994;706-721.

10. Powell NB, Riley RW, Guilleminault C: The hypopharynx upper airway reconstruction in obstructive sleep apnea syndrome. In: Fairbanks DNF, and Fujita S. (Eds.), Snoring and Obstructive Sleep Apnea, 2nd ed. New York: Raven Press, 1994, pg 193-209.
11. Riley R, Powell N, Li K, Guilleminault C: Surgical treatment of obstructive sleep apnea. In: Kryger M (Eds.), Principles and Practice of Sleep Medicine, 3rd ed. Philadelphia, W.B. Saunders, 1998
12. Hester JE, Troell RJ, Riley RW, Powell NB, Li KK: Reconstructive surgery for sleep disordered breathing. In: Jaffe RA, Samuels SI, (Eds.), Anesthesiologist's Manual of Surgical Procedures, Lippincott Williams & Wilkins, 2004, 193-198.
13. Hester JE, Powell NB, Riley RW: Advanced Surgical Treatment of Obstructive Sleep Apnea Syndrome in the Pediatric Patient. In: Norman Friedman, (Ed.), Pediatric Sleep Disorders, London: Egerton, 2007
14. Sesso DM, Powell NB, Riley RW: Surgical treatment of sleep-related breathing disorders. In: Kushida CA, (Ed.), Handbook of Sleep Disorders, 2<sup>nd</sup> ed. New York: Taylor & Francis, 2007
15. Sesso DM, Powell NB, Riley RW, Hester JE: Upper airway surgery in the adult. In: Kushida CA, (Ed.), Obstructive Sleep Apnea: Diagnosis and Treatment, New York: Taylor & Francis, 2007
16. Powell NB, Riley RW: Surgical Treatment of obstructive sleep apnea. In: Kryger M, Roth T, Dement W, (Eds.), Principles and Practice of Sleep Medicine, 4<sup>th</sup> ed. Philadelphia, W.B. Saunders, 2007

Articles:

1. Riley, R.W., Levy, L., Characteristic of the Binding of Dapsone and Monoacetyldapsone by Serum Albumin, Proceedings Society of Experimental Biology and Medicine, 142:1168, 1972.
2. Riley, R.W., Leake, D.L., Cancellous Bone Grafting with Collagen Stents, International Journal of Oral Surgery, 35:160, 1977.
3. Smith, R.A., Roman, R.S., Hansen, L.S., Riley, R.W., The Calcifying Epithelial Tumor, Journal of Oral Surgery, 35:160, 1977.
4. Riley, R.W., Fee, W.E., Goffinet, D., Cox, R., Goode, R.L., Squamous Cell Carcinoma of the Base of the Tongue, Otolaryngology-Head and Neck Surgery, 91-143, 1983.
5. Sartorius, D., Neuman, C., Riley, R.W., The Temporomandibular Joint: True Sagittal Computed Tomography with Meniscus Visualization, Radiology, 150:250, 1984.
6. Powell, N.B., Guilleminault, C., Riley, R.W., Mandibular Advancement and Obstructive Sleep Apnea Syndrome, Bulletin European Physiopathology Respiratory, 19:607, 1983.
7. Riley R., Guilleminault C., Powell N., Simmons F.B., Palatopharyngoplasty failure, cephalometric roentgenograms, and obstructive sleep apnea. Otolaryngol Head Neck Surg, 93:240-244, 1985.
8. Riley, R., Guilleminault, C., Powell, N., Derman, S., Mandibular Osteotomy and Hyoid Bone Advancement for Obstructive Sleep Apnea: A Case Report, Sleep, 7:79-82, 1984.
9. Riley, R., Guilleminault, C., Herran, J., Powell, N., Cephalometric Analyses and Flow-Volume Loops in Obstructive Sleep Apnea Patients, Sleep, 6:303-311, 1983.
10. Guilleminault, C., Riley, R., Powell, N., Obstructive Sleep Apnea and Abnormal Cephalometric Measurements, Chest, 86:793-794, 1984.

PUBLICATIONS:

11. Guilleminault, C., Riley, R., Powell, N., Development of Sleep Apnea in Normal Subjects Following Mandibular Osteotomy with Retrusion: Two Case Histories, Chest, 88:776-778, 1985.
12. Riley, R.W., Powell, N.B., Guilleminault, C., Inferior Sagittal Osteotomy with Hyoid Myotomy and Suspension: A New Procedure for Obstructive Sleep Apnea, Otolaryngology-Head and Neck Surgery, 94:589-593, 1986.
13. Guilleminault, C., Heldt, G., Powell, N., Riley, R., Small Upper Airway: A Familial Risk Factor for Apnea in Near Miss SIDS Infants and Their Parents, Lancet, i:402-407, 1986.
14. Riley, R., Powell, N., Guilleminault, C., Nino-Murcia, G., Maxillary, Mandibular, and Hyoid Advancement: An Alternative to Tracheostomy in Obstructive Sleep Apnea Syndrome, Otolaryngology-Head and Neck Surgery, 94:584-588, 1986.
15. Riley, R., Powell N., Guilleminault, C.: Cephalometric roentgenograms and computerized tomographic scans in obstructive sleep apnea. Sleep, 9(4):514-515, 1986.
16. Riley, R., Powell, N., Guilleminault, C., Current Surgical Concepts for Obstructive Sleep Apnea Syndrome, Journal of Oral Maxillofacial Surgery, 45:149-157, 1987.
17. Riley, R., Powell, N., Guilleminault, C., Ware, W., Obstructive Sleep Apnea Syndrome Following Surgery for Mandibular Prognathism, Journal of Oral Maxillofacial Surgery, 45:450-452, 1987.
18. Powell, N., Riley, R., Cranial Bone Grafting in Facial Aesthetic and Reconstructive Contouring, Arch Otolaryngol Head Neck Surg, 113:713-719, 1987.
19. Powell, N., Riley, R., Guilleminault, C., Nino-Murcia, G., Obstructive Sleep Apnea, Continuous Positive Airway Pressure, and Surgery, Arch Otolaryngol Head and Neck Surg, 99:362-369, 1988.

PUBLICATIONS:

20. Guilleminault C., Quera-Salva M.T., Powell N., Riley R., Romaker A., Baldwin R., Nino-Murcia G.: Nocturnal asthma, snoring, small pharynx, and nasal CPAP. Eur Resp J, 1:902-907, 1988.
21. Powell, N., Riley, R., Guilleminault, C.: Upper airway surgery and obstructive sleep apnea syndrome. 22nd Annual meeting of the S.E.P.C.R., proceedings and abstracts. Antwerp, June 22-26, 1987.
22. Powell, N., Riley, R., Laub, D.: A new approach to evaluation and surgery of the malar complex. Ann Plast Surg, 20(3):206-214, 1988.
23. Guilleminault, C., Quera-Salva, MT., Powell, N., Riley, R.: Maxillo-mandibular surgery as a treatment for obstructive sleep apnea. In C H Chouard (Eds.), Chronic Rhonchopathy. Paris: John Libbey Eurotext, pp320-327, 1988.
24. Riley, R., Powell, N., Guilleminault, C., Maxillofacial surgery and obstructive sleep apnea: a review of 80 patients, Otolaryngol Head Neck Surg, 101:353-361, 1989.
25. Powell, N., Riley, R.: Pericranial free grafts in the face. Arch Otolaryngol Head Neck Surg, 115:187-192, 1989.
26. Powell, N., Riley, R.: Facial contouring with outer table calvarial bone: a four-year experience. Arch Otolaryngol Head Neck Surg, 115:1454-1458, 1989.
27. Riley, R., Powell, N., Guilleminault, C.: inferior mandibular osteotomy and hyoid myotomy suspension for obstructive sleep apnea: a review of 55 patients. J Oral Maxillofac Surg, 47:159-164, 1989.
28. Guilleminault, C., Quera-Salva, MT., Powell, NB., Riley, RW.: Maxillo-mandibular surgery for obstructive sleep apnea. Eur J Respir Dis, 2:604-607, 1989.
29. Guilleminault, C., Partinen, M., Praud, JP., Quera-Salva, MA., Powell, N., Riley, R.: Morphometric facial changes and obstructive sleep apnea in adolescents. J Pediatr, 114:997-999, 1989.

PUBLICATONS:

30. Riley, R., Powell, N., Guilleminault, C: Maxillary

mandibular and hyoid advancement and obstructive sleep apnea: a review of 40 patients. J Oral Maxillofac Surg, 48:20-26, 1990.

31. Riley, R., Powell, N.: Orbital reconstruction with calvarial bone. J Oral Maxillofac Surg, 1989, submitted for press.
32. Riley R, Powell N, Guilleminault C: Maxillofacial surgery and nasal CPAP: a comparison of treatment for obstructive sleep apnea syndrome. Chest, 98:1421-1425, 1990.
33. Uvulopalatopharyngoplasty and Obstructive Sleep Apnea: A Review of Complication and Techniques in 400 Consecutive Patients, 94th Annual Meeting American Academy Otolaryngology-Head and Neck Surgery (abstract), September, 1990.
34. Riley RW, Powell NB, Guilleminault C: Obstructive sleep apnea: a review of 306 consecutively treated surgical patients. Otolaryngol Head Neck Surg, 1993;108:117-125.
35. Riley RW, Powell NB, Guilleminault C: Obstructive sleep apnea syndrome: a surgical protocol for dynamic upper airway reconstruction. J Oral Maxillofac Surg, 1993;51:742-747.
36. Riley R, Powell N, Guilleminault C, Clerk, A: Obstructive sleep apnea and the hyoid bone-a revised surgical procedure. J Otolaryngol Head Neck Surg, 1994;111:717-721.
37. Riley R, Powell N, Guilleminault C, Clerk A, Troell R: Obstructive sleep apnea - trends in therapy. West J Med, 1995;162:143-148.
38. Powell N, Riley R: A surgical protocol for sleep disordered breathing. Oral Maxillofac Surg Clin N Am, 1995;7:345-356.
39. Powell N, Riley R, Guilleminault C, Troell R: A reversible uvulopalatal flap for snoring and sleep apnea syndrome. Sleep 1996;19(7):593-599.

PUBLICATONS:

40. Powell N, Riley R, Guilleminault C, Troell R, Blumen M: Radiofrequency volumetric reduction of the tongue: a porcine pilot study for the treatment of obstructive sleep apnea syndrome. Chest 1997;111:1348-1355.
41. Riley R, Powell N, Guilleminault C, Pelayo R, Troell R: Obstructive sleep apnea surgery risk management and complications. J Otolaryngol Head Neck Surg 1997;117:648-652.
42. Riley R, Troell R, Powell N: Obstructive sleep apnea syndrome: current surgical concepts. Oral Maxillofac Surg Knowledge Update, 1998.
43. Powell N, Riley R, Troell R, Li K, Blumen M, Guilleminault C: Radiofrequency volumetric tissue reduction of the palate in subjects with sleep-disordered breathing. Chest 1998;113:1163-1174.
44. Troell R, Powell N, Riley R: Hypopharyngeal airway surgery for obstructive sleep apnea syndrome. Semin Respir Crit Care Med 1998;19(2):175-183.
45. Powell N, Riley R, Robinson A: Surgical management of obstructive sleep apnea syndrome. Clinics in Chest Medicine 1998;19(1):77-86.
46. Troell R, Riley R, Powell N, Li K: Surgical management of hypopharyngeal airway obstruction in sleep-disordered breathing. Otolaryngol Clinics of N Amer 1998;979-1012
47. Troell R, Riley R, Powell, N Li K: Long-term surgical results in sleep-disordered breathing. Otolaryngol Clinics N Amer 1998; 1031-1035.
48. Powell N, Riley, Schechtman K, Blumen M, Dinges D, Guilleminault C: A comparative model: Reaction time performance in sleep-disordered breathing versus alcohol impaired controls. Laryngoscope 1999;109:1648-1654.
49. Li K, Powell N, Riley R, Troell R: Radiofrequency volumetric tissue reduction for treatment of turbinate hypertrophy-a pilot study. Otolaryngol Head Neck Surg 1998;119(6):569-573.

PUBLICATIONS:

50. Powell N, Riley R, Guilleminault C: Radiofrequency tongue base reduction in sleep disordered-breathing-a pilot study. Otolaryngol Head Neck Surg 1999;120:656-664.
51. Li K, Riley R, Powell N, Troell R, Guilleminault C: Overview of phase II surgery for obstructive sleep apnea. ENT-Ear, Nose & Throat J 1999; 78(11):851-857.
52. Riley R, Powell N, Troell R, Li K: Surgery and obstructive sleep apnea: long-term clinical outcomes. Otolaryngol Head Neck Surg 2000;122:415-421.
53. Troell R, Powell N, Riley R, Li K: Evaluation of a new procedure for nasal alar rim and valve collapse: Nasal alar rim reconstruction. Otolaryngol Head Neck Surg 2000;122:204-211.
54. Troell R, Powell N, Riley R, Li K, Guilleminault C: Comparison of postoperative pain between laser-assisted uvulopalatoplasty, uvulopalatopharyngoplasty, and radiofrequency volumetric tissue reduction of the palate. Otolaryngol Head Neck Surg 2000;122:402-409.
55. Li K, Riley R, Powell N, Zonato A, Troell R, Guilleminault C: Postoperative airway findings after maxillomandibular advancement for obstructive sleep apnea. Laryngoscope 2000;110:325-327.
56. Li K, Powell N, Riley R, Troell R, Guilleminault C: Radiofrequency volumetric reduction for hypertrophic turbinate. Operative Techniques in Otolaryngology-Head Neck Surg 2000;11(1):24-25.
57. Troell R, Li K, Powell N, Riley R: Radiofrequency of the soft palate in snoring and sleep-disordered breathing. Operative Techniques in Otolaryngology-Head Neck Surg 2000;11(1):21-23.
58. Troell R, Li K, Powell N, Riley R: Radiofrequency tongue base reduction in sleep-disordered breathing. Operative Techniques in Otolaryngology-Head Neck Surg 2000;11(1):47-49.

PUBLICATIONS:

59. Li K, Powell N, Riley R, Troell R, Guilleminault C: Radiofrequency volumetric reduction of the palate: an extended follow-up study. Otolaryngol Head Neck Surg 2000;122:410-414.
60. Li K, Riley R, Powell N, Guilleminault C: Maxillomandibular advancement for persistent obstructive sleep apnea after phase I surgery in patients without maxillomandibular deficiency. Laryngoscope 2000;110:1684-1688.
61. Li K, Kushida C, Powell N, Riley R, Guilleminault C: Obstructive sleep apnea syndrome: a comparison between far-east asian and white men. Laryngoscope 2000;110:1689-1693
62. Powell N, Schechtman K, Riley R, Li K, Troell R, Guilleminault C: The road to danger: the comparative risks of driving while sleepy. Laryngoscope 2001;111:887-893.
63. Powell NB, Zonato AI, Weaver EM, Li K, Troell R, Riley R, Guilleminault C: Radiofrequency treatment of turbinate hypertrophy in subjects using continuous positive airway pressure. A randomized, double-blind, placebo-controlled clinical pilot trial. Laryngoscope 2001;111:1783-1790
64. Li K, Troell R, Riley R, Powell N, Koester U, Guilleminault C: Uvulopalatopharyngoplasty, maxillomandibular advancement, and the velopharynx. Laryngoscope 2001;111:1075-1078
65. Li K, Riley R, Powell N, Guilleminault C: Patient's perception of the facial appearance after maxillomandibular advancement for obstructive sleep apnea syndrome. J Oral Maxillofac Surg 2001;59:377-380
66. Li K, Riley R, Powell N, Troell R: Obstructive sleep apnea surgery: genioglossus advancement revisited. J Oral Maxillofac Surg 2001;59:1181-1184
67. Powell NB, Schectman KB, Riley RW, Li K, Guilleminault C: Sleepy driving: accidents and injury. Otolaryngol Head Neck Surg 2002;126:217-227

## PUBLICATIONS:

68. Li K, Powell N, Riley R: Postoperative management of the obstructive sleep apnea patient. Oral Maxillofacial Surg Clin N Am 2002;14:401-404
69. Li K, Powell N, Riley R: Radiofrequency thermal ablation therapy for obstructive sleep apnea. Oral Maxillofacial Surg Clin N Am 2002;14:359-363
70. Hester J, Powell N, Riley R, Li K: Maxillary-mandibular advancement for obstructive sleep apnea. Operative Techniques in Otolaryngology-Head Neck Surg 2002;5(2):135-137
71. Riley RW, Powell NB, Li K, Weaver E, Guilleminault C: An adjunctive method of radiofrequency volumetric tissue reduction of the tongue for OSAS. Otolaryngol Head Neck Surg 2003;129:37-42
72. Kezirian E, Powell NB, Riley RW, Hester JE: Incidence of Complications in Radiofrequency Treatment of the Upper Airway. Laryngoscope 2005;115(7):1298-1304
73. Hester JE, Powell NB, Riley RW: Hypopharyngeal airway surgery in the pediatric patient with obstructive sleep apnea syndrome. Obstructive Techniques in Otolaryngology Head and Neck Surgery 2005;16:264-269
74. Barrera JE, Powell NB, Riley RW: Facial skeletal surgery in the management of adult obstructive sleep apnea syndrome. Clin Plast Surg Jul 2007;43(3):565-573
75. Powell NB, Schechtman KB, Riley RW, Guilleminault C, Chiang RP, Weaver EM: Sleepy driver near-misses may predict accident risks. Sleep Mar 2007;30(3):331-342

## PRESENTATIONS

1. Alveolar Ridge Augmentation, International Associations of Dental Research, Atlanta, Georgia, April 1974.
2. Alveolar Ridge Augmentation, California Dental Association, San Francisco, CA, May 1974.
3. Squamous Cell Carcinoma of the Base of Tongue, American Academy of Otolaryngology-Head and Neck Surgery, New Orleans, LA, September 1981.

PRESENTATIONS:

4. Orthognathic Surgery-LeFort I Osteotomy, American Academy of Facial Plastic and Reconstructive Surgery, Pebble Beach, CA, January 1982.
5. Diagnosis and Treatment of Oral Lesions, Santa Clara Dental Society, San Jose, CA, January 1982.
6. Oral Cancer, Redwood Empire Dental Society, Santa Rosa, CA, May 1982.
7. Maxillofacial Surgery Course, University of California, Davis, San Francisco, CA, July 1983.
  - a. Surgery of the Temporomandibular Joint
  - b. Fractures of the Edentulous Mandible
  - c. Orthognathic Surgery - Maxilla
  - d. Midface Fractures
8. Aesthetic Facial Surgery, Annual Alumni Meeting, University of the Pacific, School of Dentistry, San Francisco, CA, January 1984.
9. Surgery for Sleep Apnea, Grand Rounds, Ralph K. Davies Medical Center, San Francisco, CA, February 1984.
10. Sleep Apnea Course, University of California, Irvine, Newport Beach, CA, May 1984.
11. Maxillofacial Surgery Course, University of California, Davis, San Francisco, CA, May 1984.
  - a. Surgery of the Temporomandibular Joint
  - b. Fractures of the Edentulous Mandible
  - c. Orthognathic Surgery - Maxilla
  - d. Midface Fractures
12. Inferior Sagittal Osteotomy of Mandible with Hyoid Myotomy Suspension: A New Procedure for Sleep Apnea, American Academy of Otolaryngology, Annual Meeting, Las Vegas, NV, September 1984.
13. Cephalometrics and Sleep Apnea, Association of Sleep Disorders Centers, Dallas, TX, October 1984.

PRESENTATIONS:

14. Cranial Bone Graft, American Association of Facial Plastic and Reconstructive Surgery, Santa Barbara, CA, January 1985.
15. Sleep Apnea Course, University of California, Irvine, Newport Beach, CA, March 1985.
16. Maxillary, Mandibular, and Hyoid Advancement: An Alternative to Tracheostomy in Obstructive Sleep Apnea, American Academy of Otolaryngology, Annual Meeting, Atlanta, GA, October 1985.
17. Zygomaticomaxillary Osteotomies: A New Approach in Malar Alteration, American Academy of Facial Plastic and Reconstructive Surgery, Western Region Meeting, San Francisco, CA, January 1986.
18. Surgical Treatment of Sleep Apnea, The Association of Professional Sleep Societies, Columbus, Ohio, June 1986.
19. Inferior Sagittal Mandibular and Hyoid Advancement: An Alternative to Tracheostomy, Division of Head and Neck Surgery, Second Alumni Day, Stanford Medical Center, June 1986.
20. Chin Reduction (Vertical Osteotomy and Progniom Setback), The Foundation for Facial Plastic Surgery presents The Latest Advances in Cosmetic Surgery of the Face, Newport Beach, CA, August 1986.
21. A Technique for Harvesting Cranial Bone and Its Implications in Facial Plastic Surgery, American Academy of Facial Plastic and Reconstructive Surgery Fall Meeting, San Antonio, Texas, September, 1986.
22. Evaluation of Sleep Apnea, Diagnosis and Therapy of TMJ Dysfunction, Surgical Treatment of Sleep Apnea I, Surgical Treatment of Sleep Apnea II, Surgical Treatment of TMJ Disease, Otolaryngology Update, Honolulu, HI, February, 1987.
23. Sleep Apnea, University of California at San Francisco, Orthodontic Alumni Foundation Meeting, Carmel, CA, March, 1987.

PRESENTATIONS:

24. Surgery for Sleep Apnea, San Diego Otolaryngology Society Meeting, San Diego, CA, May, 1987.
25. Surgery for Sleep Apnea, Department of Otolaryngology - Head and Neck Surgery, Naval Hospital, San Diego, CA, May, 1987.
26. Cranial Bone Grafting, University of California at San Diego, Grand Rounds, San Diego, CA, May 1987.
27. Surgical Approaches to Sleep Apnea, The University of Alabama at Birmingham, First Annual Review of Sleep Disorders Medicine, Birmingham, AL, November 1987.
28. Maxillofacial Surgery and Obstructive Sleep Apnea: a Review of 80 Patients, Third Alumni Day, Stanford Medical Center, Stanford, CA, June 1988.
29. Maxillofacial Surgery and Obstructive Sleep Apnea: A Review of 80 Patients. 92nd Annual Meeting American Academy Otolaryngology-Head and Neck Surgery, Washington DC, September, 1988.
30. Evaluation and Surgical Management of OSA, Instruction Course 92nd Annual Meeting American Academy Otolaryngology-Head and Neck Surgery, Washington DC, September, 1988.
31. Surgical Treatment of Sleep Apnea, American College of Chest Physicians, Anaheim, CA, October, 1988.
32. Surgical Treatment of Sleep Apnea, University of Alabama, November, 1988.
33. New Concepts of Reconstructive Surgery, California Medical Seminar, Utah, December, 1988.
34. Treatment for Obstructive Sleep Apnea, Society of Otorhinolaryngology Head and Neck Nurses conference, Walnut Creek, CA, May, 1989.

PRESENTATIONS:

35. Correction of the Gummy Smile, and Advancement and Retrusion of the Mandible and Chin, The Fourth Annual Symposium on the Latest Advances in Cosmetic Surgery of the Face, The Foundation for Facial Plastic Surgery, Newport Beach, California, August 1989.
36. Evaluation and Surgical Management of Obstructive Sleep Apnea, 1989 Instruction Course 93rd Annual Meeting American Academy Otolaryngology-Head and Neck Surgery, New Orleans, Louisiana, September, 1989.
37. Surgical Management of Obstructive Sleep Apnea, Third Annual Review of Sleep Disorders Medicine, University of Alabama, October, 1989.
38. Maxillomandibular Surgery, Dental Appliances, The Sleep Disorders Center, Department of Internal Medicine & Otolaryngology Eastern Virginia Medical School course in the Treatment of Sleep Apnea, Virginia Beach, Virginia, March, 1990.
39. New Advances in Reconstructive Facial Surgery and Obstructive Sleep Apnea, Kern County Dental Society, La Costa, Carlsbad, CA, April, 1990.
40. Surgical Treatment of Obstructive Sleep Apnea, American Sleep Disorders Association Meeting, Minneapolis, MN, June, 1990.
41. Evaluation and Surgical Management of Obstructive Sleep Apnea, 1990 Instruction Course 94th Annual Meeting American Academy Otolaryngology-Head and Neck Surgery, San Diego, California, September, 1990.
42. Uvulopalatopharyngoplasty and Obstructive Sleep Apnea: A Review of Complication and Techniques in 400 Consecutive Patients, 94th Annual Meeting American Academy Otolaryngology-Head and Neck Surgery, San Diego, California, September, 1990.
43. Facial Aesthetic Surgery, Mid-Peninsula Dental Society, Palo Alto, CA, May, 1991.

PRESENTATIONS :

44. Surgical Treatment for Obstructive Sleep

Apnea, Stanford University Hospital Nursing Continuing Education Course, Stanford, CA, May, 1992.

45. Obstructive Sleep Apnea: Review of 306 Consecutively Treated Surgical Patients, Plenary Session 96th Annual Meeting American Academy Otolaryngology-Head and Neck Surgery, Washington, D.C., September, 1992.
46. Surgical Treatment for Obstructive Sleep Apnea, Allergy Conference, Stanford University Medical Center, April, 1993.
47. Orthognathic Surgery. American Academy of Facial Plastic and Reconstructive Surgery 6th International Symposium of Facial Plastic Surgery, San Francisco, CA, June, 1993.
48. Surgical Management of Sleep Apnea, Facial Plastic and Reconstructive Surgery 6th International Symposium of Facial Plastic Surgery, San Francisco, CA, June, 1993.
49. Pitfalls and Concerns of the Laser-Assisted Uvulopalatoplasty (LAUP), Alumni Day Otolaryngology-Head and Neck Surgery, Stanford University Hospital, Stanford, CA, June 1994.
50. Surgery of the Upper Airway: Techniques and Outcomes, National Sleep Foundation Fourth World Congress on Sleep Apnea 1994, State-of-the-Art Presentation, San Francisco, CA, October 1994.
51. Maxillofacial Surgery and Obstructive Sleep Apnea and Complications of Maxillofacial Surgery, Walter Reed Medical Center Military School of Medicine, Washington D.C., March 1995.
52. Surgery for Obstructive Sleep Apnea Syndrome: Techniques and Results, APSS Course Surgery in the Treatment of Obstructive Sleep Apnea, Nashville, TN, May, 1995.

PRESENTATIONS:

53. Surgical Therapy for Snoring and Obstructive Sleep Apnea, Advances in Pulmonary Medicine: Medical Care to Managed Care, California Thoracic Society 1996 Advanced Course, Coronado, CA, January, 1996.
54. Aesthetic Surgery in the 90's, Mid-Peninsula Dental Society Annual Spouse's Meeting, Palo Alto, CA, May 1996.
55. Genioglossus Advancement - Hyoid Suspension, Multidisciplinary Approach to Obstructive Sleep Apnea, 11th Annual Madigan Army Medical Center Otolaryngology-Head and Neck Surgery Seminar, Tacoma, WA, August 1997.
56. Contemporary Surgical Concepts and Techniques for Obstructive Sleep Apnea. Stanford University Medical School, Palo Alto, CA, September 1997.
57. Contemporary Surgical Concepts and Techniques for Obstructive Sleep Apnea. Stanford University Medical School, Millbrae, CA, July 1998.
58. Contemporary Surgical Concepts and Techniques for Obstructive Sleep Apnea. Stanford University Medical School, Burlingame, CA, May 2000.
59. Contemporary Surgical Concepts and Techniques for Obstructive Sleep Apnea. Stanford University Medical School, Burlingame, CA, April 2001.
60. Obstructive Sleep Apnea and Radiofrequency Treatment. Surgical Grand Rounds - Otolaryngology, Stanford University Medical Center, March 2002.
61. Management of Obstructive Sleep Apnea including Various Surgical Options. Central Valley Respiratory Society Meeting & Central California Society of Otolaryngology, Fresno, CA, April 2002.
62. Contemporary Surgical Concepts and Techniques in Snoring and Sleep-Disordered Breathing. Stanford University School of Medicine, Stanford Sleep Disorders Clinic, Center of Excellence & The Sleep Education and Research Foundation, Burlingame, CA, April 2003.