

CURRICULUM VITAE
Allen D. Hillel, M.D.

Personal Data

Born: February 11, 1950
New York, New York

Predoctoral Education

Stanford University, Palo Alto, CA	B.S.	1968-1972
Stanford University, Palo Alto, CA	M.S.	1968-1972
Stanford University, Palo Alto, CA	M.D.	1972-1976

Postdoctoral Education

Internship:

Surgical Tufts New England Medical Center Medford, MA		1976-1977
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Residency:

Otolaryngology - Head and Neck Surgery Stanford University Medical Center Palo Alto, CA		1977-1980
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Fellowship-Head and Neck Surgery Stanford University Medical Center Palo Alto, CA		1980-1982
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Faculty Appointments

Assistant Professor Department of Otolaryngology - Head and Neck Surgery University of Washington Seattle, WA		1983-1989
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Associate Professor Department of Otolaryngology - Head and Neck Surgery University of Washington Seattle, WA		1989-present
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Adjunct Associate Professor Department of Rehabilitation Medicine University of Washington Seattle, WA		1994-present
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Professor 2000-present
Department of Otolaryngology -
Head and Neck Surgery
University of Washington
Seattle, WA

Hospital Appointments

Staff Surgeon, Otolaryngology 1980-1982
Veterans Administration Medical Center
Palo Alto, CA

Chief, Otolaryngology- 1983-2002
Head and Neck Surgery
Veterans Administration Medical Center
Seattle, WA

Director, Neuromuscular Clinic for Swallowing 1986-present
and Speech Disorders
University Hospital, University of Washington
Seattle, WA

Director, Voice Disorder Clinic 1991-present
University Hospital, University of Washington
Seattle, WA

Attending Otolaryngologist:
University Hospital 1983-present
Harborview Medical Center 1983-present
Children's Hospital and Medical Center 1983-present
Pacific Medical Center 1983-present

Board Certification

American Board of Otolaryngology-Head and Neck Surgery 1981
Fellowship American Academy of Facial Plastic &
Reconstructive Surgery 1980-1982

Professional Organizations

American Academy of Otolaryngology-Head and Neck 1981-present
Surgery (AAO-HNS)
Northwest Academy of Otolaryngology-Head and Neck 1984-present
Surgery (NAOHNS)
Fellow, American College of Surgeons (Washington 1985-present
State Chapter) (ACS)
Full Fellow, American Academy of Facial Plastic 1985-present
and Reconstructive Surgery (AAFPRS)
Association for Research in Otolaryngology (ARO) 1988-present
Fellow, The American Laryngological, Rhinological, and
Otolological Society, aka *The Triological Society* 1997-present
Fellow, American Laryngological Association (ALA) 1998-Present

Licensure

State of California (G36075)	1978
State of Washington (21443)	1984

Awards and Honors

'Best Doctors in America 2005-2006' database Best Doctors in America, Inc	2005-2006
'Guide to America's Top Physicians' Directory, Consumers' Research Council of America	2004-2005
UW Royalty Research Fund Application No. 2797 Co- Principal Investigator, <i>Direct measurement of subglottic pressure in control Subjects and patients with laryngeal disorders.</i>	2002 \$25,484
Edmund Prince Fowler Award for thesis "The Study of Laryngeal Muscle Activity in Normal Human Subjects and in Patients with Laryngeal Dystonia Using Multiple Fine Wire Electromyography" Awarded by the American Laryngological, Rhinological, and Otological Society aka The Triological Society	1997
The American Academy of Otolaryngology -Head and Neck Surgery <i>Honor Award</i> for recognition of volunteer contributions to the Academy and its Foundation	Sept 24, 2000

Research Commitments

Principal Investigator V.A.. Merit Review Grant "Prospective Study of Shoulder Disability after Neck Dissection Procedures"	1985-1990
Co-investigator Private Funding "Psychological Aspects of Amyotrophic Lateral Sclerosis"	1987-1990
Participating Investigator V.A. Cooperative Study "A New Strategy to Preserve the Larynx in Treatment of Advanced Laryngeal Cancer"	1984-1990
Principal Investigator Private Funding "Measurement of Muscle Strength and Abilities to Perform Activities of Daily Living in Patients with Amyotrophic Lateral Sclerosis"	1992-1993
Participating Investigator Private Funding "A Phase II-III Prospective, Randomized, Double-Blind Placebo-Controlled, Dose-Ranging, Safety and Efficacy Study of Recombinant Human Ciliary Neurotrophic Factor"	1993-1995

(rHCNTF) in Patients with Amyotrophic Lateral Sclerosis (ALS)

Special National Responsibilities

Head and Neck Surgical Subcommittee Radiation Therapy Oncology Group(RTOG) "Surgery vs. Surgery and Radiation Therapy for Oral Carcinoma"	1984-1990
Neurolaryngeal Subcommittee American Academy of Otolaryngology-HNS	1994-present
Research Awards Committee The American Laryngological, Rhinological & Otolological Society, Inc. (aka The Triological Society)	1997-98
Laryngeal Research Oversight Committee	2001 - 2004
Council of American Laryngological Association	2002 - 2005
Treasurer, the American Laryngological Association	2004 - 2005
Executive Committee, <i>Centralized Otolaryngology Research Efforts</i> (aka CORE) American Academy of Otolaryngology-Head and Neck Surgery Foundation, Inc.	2002 - 2005

Special Local Responsibilities

Faculty Senate, University of Washington	1984-1986
Operating Room Committee, VA Medical Center	1984-1986
Research & Development Committee, VA Medical Center	1986-1991
Long Term Planning Committee for Research, VA Medical Center	1987-1992
Research Space Subcommittee, VA Medical Center	1988-1990
Member, Board of Directors, ALS Health Support Services Kirkland, WA	1988-1991
Vertical Advisor, University of Washington Medical School	1989-1999
Director, Department of Otolaryngology-HNS Residency Selection	1990 - present
Member, Admissions Committee, University of Washington School of Medicine, Seattle, WA	1989-1991
Panelist, American Cancer Society's Great American Smokeout Conference, Seattle Center, Seattle, WA	1991
Head and Neck Consultant to the Woodland Park Zoo Seattle, WA	1994-present
Director, Laryngeal Voice Disorders Course at the University of Washington, 1996, 1998, 2000, 2003, 2005	1996 - present
Member, Elective Clerkship Committee, University of Washington School of Medicine, Seattle, WA	2001 -2002

Publications

1. Hillel, AD and Goode, RL: Lateral laryngeal suspension: A new procedure to minimize swallowing disorders following tongue base resection. Laryngoscope 93(1)26-31, Jan. 1983.

2. Hillel, AD: History of Stapedectomy. Am J Otol, 4:131-140, March-April, 1983.
3. Hillel, AD and Fee, WE.: Evaluation of frozen section in parotid gland resections. Arch Otolaryngol 109:230-232, 1983.
4. Hosford-Dunn, H, Runge, CA, Johnson, SJ, and Hillel, AD: Auditory brainstem response testing in infants with collapsed ear canals. Ear Hear 4:258-260, 1983.
5. Hillel, AD and Miller, RM: Management of bulbar symptoms in amyotrophic lateral sclerosis, In Proceedings of an International Congress on Therapeutic, Psychological and Research Aspects of Amyotrophic Lateral Sclerosis, held March 27-31, at Villa Ponti, Vanesse, Italy. New York, Plenum Publishing Corp., pp. 201-221, 1987.
6. Eisele, DW, Hillel, AD, Trachy, RE, Little, JW: Reinnervation of the Trapezius muscle. Otolaryngol Head Neck Surgery 98(1):34-44, 1988.
7. Hillel, AD, Miller, RM, McDonald, E, Konikow, N, Norris, FH, Jr.: ALS severity scale in the psychological aspects of amyotrophic lateral sclerosis (ALS), In Amyotrophic Lateral Sclerosis: Recent Advances in Research and Treatment, Proceedings of an International Congress on Amyotrophic Lateral Sclerosis, October 29-31, 1987 at Kyoto, Japan, pp. 247-252, Excerpta Medica, Amsterdam, 1988.
8. Wiedenfeld, SA, Hillel, AD and McDonald, E: Psychoneuroimmunology: Can it help with ALS? In the psychological aspects of amyotrophic lateral sclerosis (ALS), In Amyotrophic Lateral Sclerosis: Recent Advances in Research and Treatment, Proceedings of an International Congress on Amyotrophic Lateral Sclerosis, October 29-31, 1987 at Kyoto, Japan, pp. 235-240, Excerpta Medica, Amsterdam, 1988.
9. McDonald, E, Hillel, AD, Wiedenfeld, SA: The psychological aspects of amyotrophic lateral sclerosis (ALS), In Amyotrophic Lateral Sclerosis: Recent Advances in Research and Treatment, Proceedings of an International Congress on Amyotrophic Lateral Sclerosis, Oct 29-31, 1987 Kyoto, Japan, pp. 241-246, Excerpta Medica, Amsterdam, 1988.
10. Hillel, AD, Dobie, R and Little, J: Evoked electromyography of the eleventh nerve and trapezius muscle. Head Neck Surgery 10(6):387-395, 1988.
11. Marelli, RA and Hillel, AD: Effects of general anesthesia on the human blink reflex. Head Neck Surgery 11(2):137-148, 1989.
12. Hillel, AD and Miller, R: Bulbar amyotrophic lateral sclerosis: Patterns of progression and clinical management. Head Neck Surgery 11(1):51-59, 1989.
13. Short, SO and Hillel, AD: Palliative surgery in patients with bulbar amyotrophic lateral sclerosis. Head Neck Surgery 11(4):364-369, 1989.
14. Hillel, AD, Miller, R, Yorkston, K, McDonald, E, Norris, FH, Jr. and Konikow, N: The ALS severity scale. Neuroepidemiology 8:142-150, 1989.
15. Hillel, AD and Sie, K: A reliable method to maintain an airway after bronchoscopy. Laryngoscope 98:1353-1355, 1988.
16. Hillel, AD, Kroll, H, Dorman, J and Medieros, J: Radical neck dissection: A subjective and objective evaluation of postoperative disability. Otolaryngol 18(1):53-61, 1989.

17. Hillel, AD, Yorkston, K and Miller, R: The use of phonation time to estimate vital capacity in amyotrophic lateral sclerosis. Arch Phys Med Rehab 70:618-620, 1989.
18. Hillel, AD and Schwartz, AN: Trumpet maneuver for visual and CT examination of the piriform sinus and retrocricoid. Head Neck Surgery 11(3):231-236, 1989.
19. Ricciardelli, E, Hillel, AD and Schwartz, AN: Aberrant carotid artery: Presentation in the near midline pharynx. Arch Otolaryngol 115:519-523, 1989.
20. Hillel, AD and Patten, C: Neck dissection: morbidity and rehabilitation. Cancer Treatment and Research, 50:133-47, 1990.
21. Orcutt, JC, Hillel, AD, and Weymuller, EA Jr.: Endoscopic repair of failed dacryocystorhinostomy. Ophthal Plast Reconstr Surg, 6(3) 197-202, 1990.
22. Sie, KCY, Glenn, MG, Hillel, AH, Cummings, CW: Osteomyelitis of the Skull Base, Etiology Unknown. Otolaryngol Head Neck Surg 104:252-256, 1991.
23. Yorkston, KM, Strand, E, Miller, R, Hillel, AD, Smith, K: Speech deterioration in amyotrophic lateral sclerosis; implications for the timing of intervention. J of Medical Speech-Language Pathology Vol. 1 no. 1, pp. 35-46, 1993.
24. Patten, C, Hillel, AD, The 11th Nerve Syndrome. Accessory nerve palsy or adhesive capsulitis? Arch Otolaryngol 119(2) pp. 215-20 Feb. 1993
25. MacDonald, RT, Wiedenfeld, SA, Hillel, AD, Carpenter, CL, Walter, RA: Survival in Amyotrophic Lateral Sclerosis; The role of psychological factors. Arch Neurol Vol. 51 pp. 17-23, Jan. 1994
26. McCulloch, TM, VanDaele, DJ, Hillel, AD: Blood transfusion as a risk factor for death in Stage III and IV operative laryngeal cancer. Arch Otolaryngol Head Neck Surg Vol. 121, pp. 1227-1235, 1995
27. Strand, EA, Miller, RM, Yorkston, KM, Hillel, AD: Management of oral-pharyngeal dysphagia symptoms in amyotrophic lateral sclerosis. Dysphagia (11) 2:129-39, 1996
28. McDonald, ER, Hillel, AD, and Wiedenfeld, SA: Evaluation of the psychological status of ventilatory-supported patients with ALS/MND. Palliat Medicine, 10(1): 35-41, 1996.
29. Hillel, AD, Robinson, LR, and Waugh, FP: Laryngeal Electromyography for the Diagnosis and Management of Swallowing Disorders. Otolaryngol Head Neck Surg Vol 116, pp. 344-8, 1997.
30. Plant, RL, Hillel, AD, and Waugh PF: Analysis of Voice Changes Following Thyroplasty Using Linear Predictive Coding. Laryngoscope. Vol 107 (6), pp. 703-709, June 1997
31. Robinson, LR, Hillel, AD, Waugh, P: New Laryngeal Muscle Weakness in the Setting of Post-Polio Syndrome. Laryngoscope Vol. 108 pp. 732-734, May 1998
32. Plant, RL, Hillel, AD: Direct measurement of subglottic pressure and laryngeal resistance in normal subjects and in spasmodic dysphonia. J Voice, 12 (3), pp 300-314, September 1998

33. Janas, JD, Waugh, PF, Swenson, ER, Hillel, AD: Effect of Thyroplasty on Laryngeal Airflow. Ann Otol Rhinol Laryngol. Vol. 108 pp. 286-292, March 1999
34. Dray, TG, Hillel, AD, Miller RM: Dysphagia Caused by Neurologic Deficits. Otolaryngol Clin North Am. 1998 June;31(3): 507-24.
35. Dray, TG, Robinson, LR, Hillel, AD: Idiopathic Bilateral Vocal Fold Weakness. Laryngoscope Vol. 109(6):995-1002, June 1999.
36. Dray, TG, Robinson, LR, Hillel, AD: Laryngeal electromyographic findings in Charcot-Marie-Tooth disease type II. Arch Neurol Vol. 56 (7), pp. 863-865, July 1999
37. Dray, TG, Waugh PF, Hillel, AD: Association with laryngoceles in ventricular phonation. J Voice. 2000 Jun;14(2):278-81.
38. Hillel, A, Dray, T, Miller, R, Yorkston, K, Konikow, N, Strande, E, Browne, J: Presentation of ALS to the otolaryngologist/head and neck surgeon: getting to the neurologist. Neurology, Vol. 53 (8 suppl 5) : S22-D25, October 1999.
39. Hillel AD, Benninger M, Blitzer A, Crumley R, Flint P, Kashima HK, Sanders I, Schaefer S: The Evaluation and Management of Bilateral Vocal Cord Immobility". Otolaryngol Head Neck Surg. 121(6): 760 - 65. December 1999.
40. Hillel, AD: "The Study of Laryngeal Muscle Activity in Normal Human Subjects and in Patients with Laryngeal Dystonia Using Multiple Fine Wire Electromyography". Published as Supplement No. 97 in April 2001. Laryngoscope, 111(4 Pt 2 Suppl 97):1-47, 2001.
41. Eubanks, TR, Omelanczuk, PE, Maronian, NC, Hillel, AD, Pope, CE, and Pellegrini, CA: Pharyngeal pH Monitoring in 222 Patients with Suspected Laryngeal Reflux. J Gastrointest Surg. March-April 2001, 5(2):183-191.
42. Eubanks TR, Omelanczuk P, Hillel A, Maronian N, Pope, CE Pellegrini CA: Pharyngeal pH Measurements in Patients with Respiratory Symptoms Before and During Proton Pump Inhibitor Therapy. Am J Surg 2001;181:446-470.
43. Oelschlager, BK, Eubanks, TR, Maronian, NC, Hillel, AD, Oleynikov, D, Pope, CE, and Pellegrini, CA: Laryngoscopy and Pharyngeal pH Monitoring are Complementary in the Diagnosis of Gastroesophageal-Laryngeal Reflux. J Gastrointest Surg. 2002;6:189-194.
44. Maronian, NC, Azadeh, H, Waugh, PF, Hillel, AD: Association of Laryngopharyngeal Reflux Disease and Subglottic Stenosis. Ann Otol Rhinol Laryngol. 2001; 110(7): 606-612.
45. Yang, J, Maronian, N, Reyes, V, Waugh, P, Brentnall, T, Hillel, AD: Laryngeal and Other Otolaryngologic Manifestations of Crohn's Disease. J Voice. 2002; 16(2): 278-82.
46. Maronian, N, Waugh, PF, Robinson, L, Hillel, AD: Electromyographic Findings in Recurrent Laryngeal Nerve Reinnervation. Ann Otol Rhinol Laryngol 2003; 112: 314-23.
47. Maronian, N, Haggitt R, Oelschlager BK, Bronner M, Yang J, Reyes V, Hillel A, Eubanks T, Pellegrini CA, Pope II, CE: Histologic Features of Reflux-attributed Laryngeal Lesions. Am J Med 2003; 115(Supp 3a):105S-108S.

48. Schwartz DL, Barker J Jr, Chansky K, Yueh B, Raminfar L, Drago P, Cha C, Austin-Seymour M, Laramore GE, Hillel AD, Weymuller EA, Wallner KE: Postradiotherapy Surveillance Practice for Head and Neck Squamous cell Carcinoma--Too Much for too Little? Head Neck. 2003 Dec;25(12):990-9.
49. Lee, S, Hillel, AD: Three Dimensional CT Imaging of Eagle's Syndrome. Am J Otolaryngol. 2004; 25(2): 109.
50. Hillel, AD, Maronian, NC, Waugh, PF, Robinson, L, Klotz, DA: Treatment of the Interarytenoid Muscle with Botulinum Toxin for Laryngeal Dystonia. Ann Otol Rhinol Laryngol 2004 May; 113(5): 341-348.
51. Maronian, NC, Waugh, PF, Robinson, L, Hillel, AD: Tremor laryngeal dystonia: treatment of the lateral cricoarytenoid muscle. Ann Otol Rhinol Laryngol 2004 May; 113(5): 349-355.
52. Klotz, DA, Maronian, N, Waugh, P, Shahinfar, A, Robinson, L, Hillel, AD: Findings of Multiple Muscle Involvement in a Study of 214 Patients with Laryngeal Dystonia Using Fine Wire Electromyography (FWEMG). Ann Otol Rhinol Laryngol. 2004 Aug;113(8):602-12.
53. Maronian NC, Robinson L, Waugh P, Hillel AD: A New Electromyographic Definition of Laryngeal Synkinesis. Ann Otol Rhinol Laryngol 2004;113(11):877-86.
54. Hillel AD: Letter: Voice Changes after Thyroidectomy Without Recurrent Laryngeal Nerve Injury. J Am Coll Surg 2005;200:813.
55. Birkent H, Maronian NC, Waugh PF, Merati AL, Perkel D, Hillel AD: Dosage changes in long-term botulinum toxin treatment for laryngeal dystonia. Otolaryngol Head Neck Surg 2009 Jan;140(1):43-47.
56. Chen, DH, Sul, Y, Weiss, MD, Hillel, AD, Lipe, H, Wolff, J, Matsushita M, Herlihy-Raskind, W, Bird, T: CMT2C With Vocal Cord Paresis Associated with Short Stature and Mutations in the TRPV4 Gene. Neurology 2010 Nov;75 (22):1968-1975.
57. Eadie, TL, Kapsner, M, Rosenzweig, J, Waugh, PF, Hillel, D and Merati, AL: The role of experience on judgments of dysphonisa. J Voice (in press).
58. Bhama, PK, Hillel, AD, Merati, A., Perkel, DJ: A Novel Model for Examining Recovery of Phonation After Nerve Damage. J Voice (in press)
59. Davis, G, Baik, F, Liddell, R, Ayars, A, Brancy K, Pottinger, P, Hillel, A, Helmick, K, and Collins, D.: Gorilla endoscopic sinus surgery: a life-saving collaboration between human and veterinarian medicine. International Forum of Allergy & Rhinology 2018 March; 8(7): 857-862.
60. Hu, A, Hillel, A, Zhao, W, Meyer, T: Anxiety and depression in spasmodic dysphonia patients. World Journal of Otorhinolaryngology – Head and Neck Surgery. 2018 June; 4(2): 110-116.

Texts, Chapters

1. Hillel, AD and Fee, WE: Malignant tumors of the palate. Otolaryngology, English, GM (Ed), Philadelphia, Harper & Row, pp. 109, 1982.
2. Hillel, AD and Cummings, CW: Initial detection and evaluation: Extra-oral head and neck neoplasms, In Head and Neck Management of the Cancer Patient, Peterson, DE, Elias, EG and Sonis, ST (Eds), Boston, Martinus Nijhoff, pp. 1-544, 1986.
3. Hillel, AD and Miller, RM: Management of bulbar symptoms in amyotrophic lateral sclerosis. In Amyotrophic Lateral Sclerosis: Therapeutic, Psychological and Research Aspects, Cosi, V, Kato, AC, Parlette, W, Pinelli, P, Poloni, M, (Eds), New York, Plenum Press, pp. 201-222, 1987.
4. DeLisa, JA, Miller, RM, Melnick, RR, Gerber, LH and Hillel, AD: Rehabilitation of the cancer patient, In Cancer: Principles and Practice of Oncology, 3rd edition, DeVita, VT, Hellman, S and Rosenberg, SA (Eds), JP Lippincott Co, Philadelphia. In press, 1988.
5. Robinson, LR and Hillel, AD: Botulinum Toxin Therapy for Motor Control Disorders, In Physical Medicine and Rehabilitation: Clinics of North America, Kraft, GH and Shahani, BT (Eds), WB Saunders, November 1993.
6. Dray, TG, Hillel, AD, and Miller, RM: Dysphagia caused by neurologic deficits, In Otolaryngologic Clinics of North America, Vol. 31 (3), pp. 507-24, June 1998.
7. Dudley, DF, Orcutt, JC and Hillel, AD: Expert Commentary, Failed Dacryocystorhinostomy: Rose of Nasal Endoscopy and Dacryocystography, In Unfavorable Results of Eyelid and Lacrimal Surgery. Prevention and Management, Mauriello, Jr, JA (Eds), Butterworth-Heinemann, pp 561-566, June 2000.
8. Hillel, AD and Robinson, LR: Diagnostic Electromyography for Unilateral Vocal Fold Dysmotility, In Vocal Fold Paralysis. Sulica, L, Blitzer, A (Eds), Springer, pp 63-73, 2006.
9. Hillel, AD: Laryngeal Electromyography in Pediatric Patients, In Clinical Management of Children's Voice Disorders. Hartnick, C, Boseley, M (Eds), Plural Publishing, pp 87-101, 2010.

Manuscripts Submitted

1. Maronian, N, Longnion, J, Klotz DA, Waugh P, Daniel, T, Hillel, A. Direct measurement of laryngeal resistance: normal control subjects. Submitted to *Annals of Otolaryngology, Rhinology, and Laryngology*.

Editorial Activities: Invited Reviewer

1998 - present The Laryngoscope Journal
2002 - present Otolaryngology - Head & Neck Surgery

Fellowship Preceptor

Fellowship in Advanced Training in Laryngology and Neurolaryngology.

Sponsored by the University of Washington Department of Otolaryngology-Head and Neck Surgery.

Graduates:

1. Darrell Klotz, M.D. Fellow: 2001-2002
Carolina Ear Nose and Throat
2520 Aberdeen Blvd
Gastonia NC 28032
2. Nicole C. Maronian, M.D. Fellow: 1998-1999
Assistant Professor
Dept. of Otolaryngology - Head & Neck Surgery
University of Washington
Seattle, WA
3. Todd G. Dray, M.D. Fellow: 1997-1998
Dept. of Otolaryngology - Head & Neck Surgery
Kaiser Permanente Medical Center
Santa Clara, CA
4. Randall L. Plant, M.D., M.S. Fellow: 1995-1996
Department of Otolaryngology
Alaska Native Medical Center
4315 Diplomacy Drive
Anchorage AK 99508

Presentations

1. Introduction to Head and Neck Cancer Surgery, Cancer 202, Lecture to Medical Students, Stanford University Medical Center, 1980, April 1981, April 1982.
2. "Rehabilitation of the Laryngectomy Patient", Lecture at Annual Professional Meeting of Northern California Veterans Medical Centers, Speech and Audiology Departments, Palo Alto, May 1980.
3. Head and Neck Surgery and Otolaryngology, Surgery 204, Course for Medical Students, Stanford University Medical Center, Course Director, Winter and Spring, 1981, Winter 1982.
4. Introduction to Head and Neck Surgery, Clinical Medicine Course, Lectures to Physical Therapy Students, Stanford University Medical Center, Winter 1981, Winter 1982.
5. Physical Diagnosis for Otolaryngology - Head and Neck Surgery for Stanford Medical Students, Course Director, 1980-1982.
6. Clinical Survey Course in Otolaryngology - Head and Neck Surgery for Residents in Otolaryngology - Head and Neck Surgery, Stanford University Medical Center, Course Director, 1980-1982.
7. Poster Presentation Radical Neck Dissection, "A Subjective and Objective Evaluation of Postoperative Disability." American Academy of Otolaryngology - Head and Neck

- Surgery, New Orleans, October 17-21, 1982.
8. HuBio 535 Introduction to Clinical Medicine I, University of Washington Medical School, Lecture to First Year Medical Students, Seattle, WA, 1984-1988.
 9. HuBio 531 Head and Neck Course, Middle Ear and Sinus Diseases, Lecture to First Year Medical Students, University of Washington Medical School, 1983-1987.
 10. "Frozen Section Diagnosis of Salivary Gland Neoplasms," Seventh Annual Kiperash Lecture and First Annual Alumni Day, Division of Otolaryngology - Head and Neck Surgery, Stanford University Medical Center, June 27-29, 1984.
 11. HuBio 550 Introduction to Clinical Medicine II, University of Washington Medical School, Clinical Tutor, Seattle WA 1984-1987.
 12. HuBio 531, University of Washington Medical School, Lecturer, Seattle, WA, 1984-1988.
 13. Vertical Advisor, University of Washington Medical School, 1985-86, 1987-88.
 14. International Conference on Amyotrophic Lateral Sclerosis, Lectures: Management of Swallowing, Management of Aspiration, Management of Saliva, Communication Management, and Psychological Issues, Varese, Italy, March 27-31, 1985.
 15. "Surgical Management of Head and Neck Cancer," lecture to residents, general dentistry program seminar, May 23, 1985.
 16. 6th Annual Cancer Conference for Dental Profession, sponsored by the American Cancer Society, Washington Division/University of Washington School of Dentistry, "Current Concepts in Cancer." Faculty speaker; "Detection and Diagnosis of Head and Neck Cancer" and "Management of Head and Neck Cancer," June 1985.
 17. "Otolaryngologic Aspects of Headache Disorders," Second Annual Headache Course, Bellevue, WA, October, 1986.
 18. "Medical and Surgical Treatments of Dysphagia," District Conference on Swallowing Disorders, Martinez, CA, November, 1986.
 19. "ALS Severity Scale," International Congress on Amyotrophic Lateral Sclerosis, Kyoto, Japan, 1987.
 20. "Medical/Surgical Management of ALS," Management of Communication and Swallowing Disorders in ALS, Workshop sponsored by the Department of Rehabilitative Medicine, University of Washington, Seattle, WA, February, 1988.
 21. "Management of Swallowing Disorders in ALS," Management of Communication and Swallowing Disorders in ALS. Workshop sponsored by the University of Washington Department of Rehabilitation Medicine and the ALS Health Support Services, Kirkland, WA, February, 1988.
 22. "Speech and Swallowing Disorders with Neurologic Patients," Presented to the Northwest Chapter of the American Association of Neuroscience Nurses, Seattle, WA, March, 1988.
 23. "The ALS Severity Scale: An Ordinal Staging System," Presented at the International ALS Research Group: Methodological Problems in ALS Trials. Charing Cross Hospital,

- London, England, June 1988.
24. "Management of Speech and Swallowing in ALS," Mini-seminar presented with Robert M. Miller, at the American Speech and Hearing Association Annual Meeting, Boston, MA, November 1988.
 25. "Chemotherapy for Early Laryngeal Cancer," Laryngologic Society, Kona, HI, May 1991.
 26. "The Eleventh Nerve Syndrome: Accessory Nerve Palsy or Adhesive Capsulitis?" American Society of Head and Neck Surgery, Kona, Hawaii, May 1991.
 27. "Endoscopic Repair of Failed Dacryocystorhinostomy," Pacific Coast Ophthalmologic and Otolaryngologic Society, Monterey, California, June 1991.
 28. "Laryngeal Amyloidosis," Pacific Voice Conference, San Francisco, California, October 1993.
 29. "The Larynx and Upper Airway--Innervation, anatomy, function, and pathology; What it all means for the surgeon and anesthesiologist" Dept. of Anesthesiology presentation , University of Washington, Seattle, WA, August 1994.
 30. "A New Treatment to Preserve the Voice with Advanced Laryngeal Cancer" V.A. Cooperative Study , Seventh Annual Pacific Voice Conference, San Francisco, California, October 1994.
 31. "Management of the Difficult Airway," Washington State Society of Anesthesiologists. Seattle, WA, September 1995.
 32. "Anterior/Posterior Cricoid split for the Management of Laryngeal Stenosis", American Academy of Otolaryngology-Head and Neck Surgery Meeting, New Orleans, LA, September 1995
 33. "Laryngeal Electromyography for Unilateral Vocal Fold Immobility", Vox Humana Advances in Diagnosis and Treatment of Voice Disorders, Lincoln Center New York City, NY, Nov 30-Dec 1, 1995
 34. "Laryngeal Reinnervation", Vox Humana Advances in Diagnosis and Treatment of Voice Disorders, Lincoln Center New York City, NY, Nov 30-Dec 1, 1995
 35. "Laryngeal Electromyography for Unilateral Vocal Cord Paralysis", Northwest Academy of Otolaryngology/Head and Neck Surgery Winter Ski Meeting, Blackcomb British Columbia, Canada. January 12-15, 1996
 36. "Comparative Anatomy", "Videostroboscopy", "Unilateral Vocal Cord Immobility: Introduction", "Electromyography for Unilateral Immobility", "Bilateral Vocal Cord Immobility: Paralysis vs. Fixation vs. Synkinesis Evaluation and Surgical Management", "Professional Voice: Introduction", "Laryngeal Dystonia Introduction and Stroboscopic Findings", "Medialization, Arytenoid Adduction, Crico-thyroid Pexy", *Evaluation and Management of Laryngeal Disorders*, Jointly sponsored by the University of Washington Dept Otolaryngology-Head & Neck Surgery, Office of Continuing Medical Education and the Department of Speech and Hearing Sciences, Seattle, WA. March 22-23, 1996.
 37. "Why to do EMG on All Patients with Vocal Cord Paralysis", XI Annual Pacific Voice

- Conference, San Francisco, CA. November 7, 1998
38. "Management of Bilateral Vocal Cord Immobility", Northwest Academy of Otolaryngology/Head and Neck Surgery Winter Ski Meeting, Whistler, British Columbia, Canada. January 16-18, 1999.
 39. "The Otolaryngologic Presentation of Laryngo-Pharyngeal Reflux", Annual Meeting, American Gastroenterological Association. Orlando, FL, May 18, 1999.
 40. "Indications for Laryngeal Reinnervation", American Academy of Otolaryngology-Head and Neck Surgery Meeting Fall Meeting, New Orleans, LA. September 29, 1999.
 41. "Laryngeal Fine Wire Electromyography", "Vocal Cord Paresis: An Underdiagnosed Entity", "Electromyography as a Guide to voice Reconstruction", Laryngeal Reinnervation", Evaluation & Management of Laryngeal Disorders, Jointly sponsored by the University of Washington Department Otolaryngology-Head and Neck Surgery, Office of Continuing Medical Education and the Department of Speech and Hearing Sciences, Seattle, WA. March 31 - April 1, 2000.
 42. "The Evaluation of Laryngeal Dystonia with Fine Wire EMG", XIII Annual Pacific Voice Conference, San Francisco, CA. November 11, 2000.
 43. "Laryngeal Pharyngeal Reflux: Extra Esophageal Complications of GERD", Internal Medicine Review jointly sponsored by the Tacoma Academy of Internal Medicine and the College of Medical Education, Tacoma, WA. March 9, 2001.
 44. Panelist: "Vocal Cord Paralysis: How I Wish I Hadn't Done It", Scientific Session, American Broncho-Esophagological Association. Palm Desert, CA, May 13, 2001
 45. "Laryngeal Electromyography", Visiting Professor, Department of Otolaryngology-HNS, University of British Columbia. Vancouver, BC. Canada. October 12, 2001
 46. "Laryngeal Reflux", "Diagnosis and Management of Unilateral Vocal Cord Immobility", "Laryngeal Physiology: Lungfish to Humans". Guest speaker, Annual British Columbia Otolaryngologists meeting. Vancouver, BC. Canada. October 13, 2001
 47. "Management of Unilateral Vocal Cord Paralysis / Paresis". Guest speaker, 23rd Francis E. LeJune Lectureship, New Orleans, LA. November 15, 2001
 48. "Supraesophageal Manifestations of GERD". Guest speaker for Idaho State Pharmacists Association and the Washington State Pharmacy Association 2002 Meeting 'From A - Z: GERD, IBS, IBD'. Sun Valley, ID. February 13-17, 2002
 49. "Presentation, Diagnosis and Treatment of Laryngopharyngeal Reflux: An Otolaryngologist's Perspective". Guest speaker for Oregon Health Sciences School of Medicine course 'Advances in the Diagnosis and Treatment of Supraesophageal Reflux'. Portland, OR, May 24, 2002
 50. "Laryngeal Manifestations of Reflux Disease: Diagnosis and Management". Guest speaker for Pacific Northwest Continuing Education Institute, Inc. Seattle, WA. June 27, 2002

51. "Diagnostic laryngeal Electromyography", "The Treatment of laryngeal Dystonias with Botulinum Toxin", invited guest professor for Voice Surgery meeting presented jointly by Harvard Medical School, and Massachusetts Eye and Ear Infirmary. Coronado, CA. September 25-26, 2002.
52. "Laryngeal Electromyography", State of the Art Lecture, Scientific Session III for the 125th Anniversary Annual meeting of the American Laryngological Association. Phoenix, AZ. April 30, 2004.
53. "Laryngeal Electromyography", State of the Art Lecture, Scientific Session III for the 125th Anniversary Annual meeting of the American Laryngological Association. Phoenix, AZ. April 30, 2004.
54. Invited as first Guest Speaker for the Grinspoon-Montgomery Lectureship in Laryngology. Massachusetts Eye & Ear Infirmary, Harvard Medical School. Boston, MA, June 3, 2004.
55. "Videostroboscopy - Equipment needs, methods, pitfalls", Laryngopharyngeal Symposium: Otolaryngology Office-Based Procedures. Sponsored by the University of Washington Department of Otolaryngology - Head and Neck Surgery at Harborview Medical Center, Seattle, Washington. August 27-28, 2004.
56. "The Neurology of Spasmodic Dysphonia", Panelist: Questions and Answers. The National Spasmodic Dysphonia Association Meeting, Portland, OR. April 16, 2005.

Course Chairman

1. *Evaluation and Management of Laryngeal Disorders*, Jointly sponsored by the University of Washington Department Otolaryngology-Head and Neck Surgery, Office of Continuing Medical Education and the Department of Speech and Hearing Sciences, Seattle, WA. March 22-23, 1996.
2. *Evaluation and Management of Laryngeal Disorders*, Jointly sponsored by the University of Washington Department Otolaryngology-Head and Neck Surgery, Office of Continuing Medical Education and the Department of Speech and Hearing Sciences, Seattle, WA. April 24-25, 1998.
3. *Evaluation and Management of Laryngeal Disorders*, Jointly sponsored by the University of Washington Department Otolaryngology-Head and Neck Surgery, Office of Continuing Medical Education and the Department of Speech and Hearing Sciences, Seattle, WA. March 31 - April 1, 2000.
4. *Evaluation and Management of Laryngeal Disorders*, Jointly sponsored by the University of Washington Department Otolaryngology-Head and Neck Surgery, Office of Continuing Medical Education and the Department of Speech and Hearing Sciences, Seattle, WA. April 4-5, 2003.
5. *Laryngology - Office Based Procedures*, Jointly sponsored by the University of Washington Department Otolaryngology-Head and Neck Surgery, the Office of Continuing Medical Education and the Department of Speech and Hearing Sciences, Seattle, WA. March 18 - 19, 2005.

Poster Presentations

1. Maronian, NC, Waugh, PF, Robinson, L, Hillel, AD: *Tremor Laryngeal Dystonia: Treatment of the Lateral Cricoarytenoid Muscle*. Accepted for poster presentation American Laryngological Association (ALA) during the Combined Otolaryngology Spring Meetings (COSM), Gaylord Opryland, Nashville TN, May 2-6, 2003

September 18, 2018