

CURRICULUM VITAE
Moisés Alberto Arriaga, MD, FACS

ACADEMIC APPOINTMENTS

June 1996 - 2005 Clinical Associate Professor (Otolaryngology)
University of Pittsburgh School of Medicine

June 1996 - 2005 Adjunct Associate Professor of Surgery (Otorhinolaryngology and
Neurosurgery) *Drexel University previously (MCP Hahnemann)*

July 1992 - 2005 Clinical Assistant Professor of Surgery, Department of Surgery
Uniformed Services University of the Health Sciences
F. Edward Hebert School of Medicine

May 2003 *Duquesne University* - Adjunct faculty member - School of Nursing

July 1991 - May 1996 Director of Otology and Neurotology
Department of Otolaryngology, Wilford Hall USAF Medical Center

October 1991 - May 1996 Clinical Associate Professor of Otolaryngology
University of Texas Health Science Center, San Antonio, Texas

September 1991 - May 1996 Faculty
School of Aerospace Medicine, Brooks Air Force Base, Texas

PROFESSIONAL EDUCATION

UNDERGRADUATE

1978-1982 Brown University
Human Biology ScB with honors
Providence, Rhode Island

MEDICAL

1981-1985 Brown University Medical School
M.D.
Providence, Rhode Island

POST GRADUATE TRAINING

1985-1986 Ochsner Foundation
Hospital Internship, General Surgery
New Orleans, Louisiana

1986-1990	University of Pittsburgh Otolaryngology Residency Pittsburgh, Pennsylvania
1990-1991	House Ear Clinic and Neurotology/Otology House Ear Institute Clinical Fellowship Los Angeles, California

GRADUATE

2004	Alvernia College Master's in Business Reading, Administration Pennsylvania
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CERTIFICATION AND LICENSURE

NATIONAL BOARD CERTIFICATION

1986 National Board of Medical Examiners

MEDICAL LICENSURE

1987	Pennsylvania
1989	California
1992	Texas

SPECIALTY CERTIFICATION – American Board of Otolaryngology

1990 Otolaryngology
2004 Neurotology

Additional Special Training

1994 Stereotactic Radiosurgery (Linear Accelerator Xknife-2) Radionics, Burlington, MA
 1994 Executive Training in Total Quality Management (Lackland AFB, TX)
 1994 Outcomes Medical Management (St Lukes Center for Management Innovation, Houston, TX)
 1995 Executive Management, Lackland AFB, TX
 1997 Design, Measurement and Analysis of Health Outcomes Studies. Harvard School of Public Health, Boston, MA
 1997 CLARION Surgical Training Workshop, Pittsburgh, PA
 1998 Medico legal Assessment of Hearing Loss, Hilton Head, South Carolina
 2000 Clinical Otologic Research Team: OTO CEM, Ionomeric Cement Course, Raleigh, North Carolina

- 2001 Nucleus 24 Auditory Brainstem Implant Surgical Training, House and Ear Institute and Cochlear Corporation, Los Angeles, CA
- 2002 Daiichi Program in Evidence-Based Medical Research and Biostatistics @. American Academy of Otolaryngology - Head and Neck Surgery Foundation
- 2003 Hearing Preservation Workshop II. Goethe University, Frankfurt, Germany.

Professional Committees

American Academy of Otolaryngology - Head and Neck Surgery:

- Task Force on New Materials (1995-1998)
- Home Study Course Section (1998-2001)
- IFOS Committee on Prevention of Hearing Impairment (1994-2000)
- Implantable Hearing Devices Subcommittee (1999-present)

American Board Of Otolaryngology: Otolaryngology Training Exam Committee (1998 -2002)

American Neurotology Society - Chairman of the Facial Nerve Committee

Professional Journal Editorial Review Boards and Article Reviewer

- 1) Otolology and Neurotology: An International Forum (Formerly known as The American Journal of Otolology) : Article Review Board (1991 - 1994)
Book Review Editor and Article Reviewer (1996 - Present)
- 2) Otolaryngology - Head and Neck Surgery (1992-Present)
- 3) Mayo Clinic Proceedings (1996 – 1999 occasional reviewer)
- 4) Archives of Otolaryngology - Head and Neck Surgery (1996-Present)
- 5) Aviation Space and Environmental Medicine (1998)
- 6) ACTA OTORRINOLINGOLOGICA ESPAÑA (1998)
- 7) Laryngoscope

Public Service Activities

Latin American Otitis Media Research and Training Program, Board of Directors, (1988 – 1998): International Voluntary Organization of Otolaryngologists and Pediatricians which trains primary care providers in the diagnosis and management of otitis media in Latin America.

USAF Humanitarian Mission, Cleft Palate Clinic, Comayagua, Honduras , August 1995.

USAF Humanitarian Mission, Otitis Media Outreach, Honduras, November 1995.

Latin America Cochlear Implant Program – Pittsburgh Ear Research Foundation 2002 - Present

HONORS

- 1978 National Forensic League Debate Championship, Evanston, Illinois
- 1982 Sigma Chi Scientific Honor Society
- 1984 Faculty Scholar Award, Brown University, Providence, Rhode Island
- 1985 Brown University Medical School Commencement Class Speaker
- 1989 Finalist, American Society of Head and Neck Surgery Scholastic Award
- 1989 Frances Davison Award for Best Clinical Research Paper
- 1989 George Schein Memorial Award, Annual Resident Research Competition
- 1989 AMA-Burroughs Welcome Resident Leadership Award for Community Service
- 1990 George Schein Memorial Award, Annual Resident Research Competition
- 1993 Staff Physician of the Quarter Wilford Hall Medical Center, Lackland AFB, TX
- 1994 Promotion to Lieutenant Colonel USAF Medical Corps Two Years "Below-the-Zone"
- 1995 USAF Meritorious Service Medal
- 1996 USAF Achievement Medal
- 1997 1997 Honor Award - American Academy of Otolaryngology - Head and Neck Surgery
- 1997 1997 Physicians Recognition Award of American Medical Association
- 1998 Awarded listing in *Outstanding Young Men of America*
- 1998 Awarded listing in *The Best Doctors in America*
- 1999 Honorary Member - Academy of Science of Galicia, Spain
- 2001 Awarded listing in Castle Connolly Medical Ltd's *Top Doctors in America*
- 2001 Daiichi Clinical Scholars in Outcomes Research, American Academy of Otolaryngology - Head and Neck Surgery
- 2002 Awarded listing in Pittsburgh Magazine's, *Top Doctors*
- 2003 Awarded listing Castle Connolly Medical Ltd's Top Doctors in America

Prospective Clinical Trials

1. Cochlear 24 Channel Cochlear Implant - Adult Trials - Investigator
2. Clinical Otologic Research Team – CORT- (1997 – Present): This is a national research consortium of otologists in private practice and academic practice providing New Technology Trials of Otologic products, implants and devices)
3. A Twelve-Month, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Quality of Life and Safety Associated with the Long-Term Use of Alosetron in Subjects with Irritable Bowel Syndrome; 1997 – Otologic Evaluation Component - Investigator
4. Symphonics Sound Bridge Implantable Hearing Device Trial (USA Study) 1998 - Investigator
5. Implex Corporation: Total Implantable Cochlear Amplifier Trial (USA Study) - Investigator
6. CLARION Multi-Strategy Cochlear Implant System in Severely and Profoundly Hearing Impaired Adults
7. Principal Investigator (2001-Present): St. Croix Corporation's Envoy Totally Implanted Hearing Device - Phase I FDA study.
8. Principal Investigator (2003-Present): Respironic's Corporation: Rock It Vestibular Stimulation Sleep Enhancer- An Assessment of Audiovestibular Effects.

MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

- Allegheny County Medical Society
- American Academy of Otolaryngology - Head and Neck Surgery

American Board of Otolaryngology - Training Exam Committee (1998-2002)
American College of Surgeons --- Fellow
American Legion Member (1996-Present)
American Medical Association
American Neurotology Society --- Fellow
American Otological Society --- Fellow
House Ear Institute Fellows Alumni Group (Past President)
North American Skull Base Society
Pennsylvania Academy of Otolaryngology - Head and Neck Surgery, Chairman of Otology and
Hearing Conservation Committee
Pennsylvania Medical Society
Sir Charles Bell Society
Society of Ear, Nose, and Throat Advances in Children

PUBLICATIONS

TEXTBOOKS

1. Brackmann D, Shelton C, Arriaga M (editors): **Otologic Surgery**, W.B. Saunders Co. Philadelphia, PA, September 1994.
2. Fukushima T, Arriaga MAA, Chen DA: **Temporal Bone Dissection Manual**, Allegheny Neuroscience Institute, Pittsburgh, PA, 1996.
3. Arriaga MA, Day J: **Neurosurgery and Otolaryngology: Principles and Practice of Collaborative Surgery**. Lippincott Press. New York. September 1999.
4. Syms CA, Arriaga MA: **Rehabilitation of Neuro-Otologic Deficits**. Otolaryngologic Clinics of North America 30:5, October 1997.
5. Syms CA, Arriaga MA, De La Cruz A: **Board Review in Otolaryngology**. Thieme Press (In preparation scheduled publication 2003).
6. Brackmann D, Shelton C, Arriaga M (editors): **Otologic Surgery, Second Edition**. W.B. Saunders Co. Philadelphia. May 2001.
7. De La Cruz AL, Arriaga MA (editors): **Essentials of Otology and Neuro-Otology**. Manuscript in Preparation for 2004 publication

BOOK CHAPTERS

1. Mazur E, Arriaga M, South K, Cohen J: Polypoidization of human megakaryocytes in culture. pp. 193-199. In Levine R, Williams J, Levin J, Evatt B (eds): **Megakaryocyte Development and Function**. Alan R. Liss, Inc., New York, 1986.
2. Myers EN, Arriaga M: Salivary gland pathology. In Costa SS, Cruz OL (eds): **Otorhinolaryngologia-- A Basic Textbook**. Editora Artes Medica Sul Ltda. Sao Paulo, June 1991.
3. Arriaga M, Brackmann D: Differential diagnosis of posterior fossa skull base neoplasms. In

- Cummings C, Fredrickson J, Krause C, Schuller D (eds): **Otolaryngology - Head and Neck Surgery**. C.V. Mosby Co., St. Louis, Second Edition, September 1992.
4. Arriaga M, Brackmann D: Surgical approaches for posterior fossa skull base neoplasms. In Cummings C, Fredrickson J, Krause C, Schuller D (eds): **Otolaryngology - Head and Neck Surgery**. C.V. Mosby Co., St. Louis, Second Edition, September 1992.
 5. Arriaga M, Brackmann D: Surgery for glomus tumors. In Brackmann D, Shelton C, Arriaga M (eds): **Otologic Surgery**. W.B. Saunders, 1994.
 6. Arriaga M: Anatomy of transtemporal surgery. In Janecka IP and Tiedemann K (eds) : **Skull Base: Anatomy, Biology, and Technology**. Raven-Lippincott, Philadelphia, 1997.
 7. Arriaga M: Middle fossa approaches. In Fukushima T (ed): **ANI Manual of Skull Base Dissection**. Allegheny Neuroscience Institute, 1996.
 8. Arriaga M, Brackmann D: Posterior fossa skull base neoplasms. In Cummings C, Fredrickson J, Krause C, Schuller D (eds): **Otolaryngology - Head and Neck Surgery**. C.V. Mosby Co., St. Louis, Third Edition, Vol. 4:169; 3294 - 3330, June 1998.
 9. Arriaga MA: Traumatic Facial Paralysis. **Current Therapy in Otolaryngology, Head and Neck Surgery**. Gates (edition). Mosby. Pages 121-125, January 1998.
 10. Green JD, De La Cruz A, Arriaga MA et al: "**Surgical Management of Glomus Jugular Tumors with Intracranial Extension**" in Skull Base Surgery: First Int. Skull Base Congress, Hanover 1992, Sami M (ed) 1006-1009, Karger, 1994.
 11. Arriaga MA, Chen DA: Surgical Treatment of Uncompensated Vestibular Disease. In Syms CA, Arriaga MA (eds): **Rehabilitation of Neurotologic Disease**. WB Saunders Company, Philadelphia, Vol 30:5; 759-776, October 1997.
 12. Amedee RG, Derkay C, Tami TA, Hendrix RA, Arriaga MA, Benninger MS: Home Study Course - Ethics and Socioeconomic issues in Otolaryngology. American Academy of Otolaryngology - Head and Neck Surgery Foundation, Inc. Section 2, November - January 1997-1998.
 13. Arriaga MA: Glomus Tympanicum Paragangliomas. In Jackler RA and Driscoll C (eds) **Tumors of the Ear and Temporal Bone**. Lippincott Williams and Wilkins, Philadelphia, May 2000.
 14. Arriaga MA: Cholesteatoma. In Alper C, Myers EM, Eibling DE (eds) **Decision-Making in Ears, Nose and Throat Disorders**. W.B. Saunders Co., Philadelphia, 2001.
 15. Arriaga MA: Tumors of the Ear and Temporal Bone. In Alper C, Myers EM, Eibling DE (eds) **Decision-Making in Ears, Nose and Throat Disorders**. W.B. Saunders Co., Philadelphia, 2001.
 16. Carrau RL, Kassam A, Arriaga MA: Surgical Approaches to the Infratemporal Fossa. **In E-Textbook in ENT**. Submitted to E-Medicine, 2000.
 17. Arriaga MA: Mastoidectomy: The Canal Wall Down Procedure. In Brackmann DE, Shelton C, Arriaga MA (eds) **Otologic Surgery, Second Edition**. W.B. Saunders Co., Philadelphia. June, 2001.

18. Chen DA, Arriaga MA: Acute Facial Paralysis. In Pensak ML (ed) **Controversies in Otolaryngology**. Thieme Medical Publishers, 227-231, 2001.
19. Arriaga MA: Overview of Transtemporal Skull Base Surgery. In Brackmann DE, Shelton C, Arriaga MA (eds) **Otologic Surgery, Second Edition**. W. B. Saunders Co., Philadelphia. June, 2001
20. Brackmann DE, Arriaga MA: Surgery for Glomus and Jugular Foramen Tumors. In Brackmann DE, Shelton C, Arriaga MA (eds) **Otologic Surgery, Second Edition**. W.B. Saunders Co., Philadelphia. June 2001.
21. Carrau RL, Kassam A, Arriaga MA: Anterior and Subtemporal Approaches to the Infratemporal Fossa. In Brackmann DE, Shelton C, Arriaga MA (eds) **Otologic Surgery, Second Edition**. W. B. Saunders Co., Philadelphia. June 2001.
22. Arriaga MA, Chen DA: Facial Nerve Paralysis After Acoustic Neuroma Surgery: Prognosis and Prevention. In Shelton C (ed) **Update on Facial Nerve Disorders**. American Academy of Otolaryngology - Head and Neck Surgery Foundation, Inc. Alexandria, VA. 2001.
23. Arriaga MA: Facial Nerve Repair - Cerebellopontine Angle and Intratemporal Facial Nerve Techniques. In Shelton C (ed) **Update on Facial Nerve Disorders**. American Academy of Otolaryngology - Head and Neck Surgery Foundation, Inc. Alexandria, VA 2001.
24. Arriaga MA, Chen DA: Paragangliomas del Hueso Temporal. In Suarez C, Medina Jesus (eds) **Tratado de Otorrinolaringología y Cirugía de Cabeza y Cuello**. Proyectos Médicos, S.L. San Fernando de Henares (Madrid), Chapter 178, pg 2454-2465, 2000.
25. Brackmann DE and Arriaga MA: Posterior fossa skull base neoplasms. In Cummings C, Fredrickson J, Krause C, Schuller D (eds): **Otolaryngology - Head and Neck Surgery**. C.V. Mosby Co., St. Louis, Fourth Edition, Scheduled for publication 2003.

PEER-REVIEWED SCIENTIFIC PUBLICATIONS

1. Arriaga M, South K Cohen J, Mazur E: Interrelationship between mitosis and endomitosis in cultures of human megakaryocyte progenitor cells. *Blood* 69(2):492-496, 1987.
2. Arriaga M, Myers E: Ectopic thyroid in the retroesophageal superior mediastinum. *Otolaryngol Head Neck Surg* 99(3):338-340, 1988.
3. Arriaga M, Derkay C: Pathology quiz: Kaposi's sarcoma. *Arch Otolaryngol Head Neck Surg* 115(3):390-393, 1989.
4. Arriaga M, Bluestone C, Stool S: The role of tympanocentesis in the management of septic infants. *Laryngoscope* 99(10): 1048-1051, 1989.
5. Arriaga M, Hirsch B, Kamerer D, Myers E: Squamous cell carcinoma of the external auditory meatus. *Otolaryngol Head Neck Surg* 101(3): 330-337, 1989.
6. Arriaga M, Janecka I: Surgical exposure of the nasopharynx: Anatomical basis for a transfacial

approach. *Surgical Forum* 40:547-549, 1989.

7. Arriaga M, Eavey R, Stool S, Guerro J, Odio C, Santos J: Programa educativo y de investigaciones sobre diagnostico y tratamiento de otitis media en Latino America. *Bol Med Hosp Infantil Mexico* 42:2, 1990.

8. Sculerati N, Arriaga M: Otolaryngologic management of post-transplantation lymphoproliferative disease in children. *Ann Otol Rhinol Laryngol* 99:445-450, 1990.

9. Janecka I, Sen C, Sekhar L, Arriaga M: Facial translocation: A new approach to the cranial base. *Otolaryngol Head Neck Surg* 103(3): 413-419, 1990.

10. Arriaga M, Dindzans L, Bluestone C: Parotid duct communicating with a labial pit and ectopic salivary cyst. *Arch Otolaryngol Head Neck Surg* 116(12): 1445-1447, 1990.

11. Rothfield R, Arriaga M, Felder H: Peritonsillar abscess in Kawasaki's disease. *Intl J Ped Otolaryngol* 20(1990):73-79.

12. Arriaga M, Kanel K, Johnson J, Myers EN: Medical complications in total laryngectomy: Incidence and risk factors. *Ann Otol Rhinol Laryngol* 99(8): 611-615, 1990.

13. Arriaga M, Myers EN: Surgical management of chronic parotitis. *Laryngoscope* 100(12): 1270-1275, 1990.

14. Arriaga M, Curtin H, Takahashi H, Kamerer D: The role of preoperative CT scans in staging external auditory meatus carcinoma: A radiological-pathological correlation study. *Otolaryngol Head Neck Surg* 105 (1): 6-11, 1991.

15. Arriaga M, Janecka I: Facial translocation approach to the cranial base: The anatomical basis. *Skull Base Surgery* 1(1): 22-30, 1991.

16. Arriaga M, Curtin H, Takahashi H, Hirsch B, Kamerer D: A TNM staging proposal for external auditory meatus carcinoma based on preoperative clinical examination and CT scan findings. *Ann Otol Rhinol Laryngol* 99(9): 714-721, 1990.

17. Arriaga M, Myers EN: Carcinoma de laringe: experiencia de la Universidad de Pittsburgh en el tratamiento de 606 casos. *Anales Otorinolar Mex XXXVI (Ene., Feb. y Mar):*19-22, 1991.

18. Arriaga M, Brackmann D: Technique and outcome of facial nerve repair in cerebellopontine angle tumor surgery. *Am J Otology* 13(4): 356-359.

19. Arriaga M, Brackmann D: Differential diagnosis of primary petrous apex lesions. *Am J Otology* 12(6): 470-474, 1991.

20. Arriaga M, Luxford W. Impedance induced iatrogenic hearing loss. *Otolaryngol Head Neck Surg* 108(1):70-72, 1993.

21. Arriaga M, Lo W, Brackmann D: Imaging case study of the month. Magnetic resonance angiography of synchronous bilateral carotid body paragangliomas and bilateral vagal paragangliomas.

Ann Otol Rhinol Laryngol 101(11): 950-953, 1992.

22. Nassif P, Shelton C, Arriaga M: Hearing preservation: A realistic goal in surgical removal of meningiomas affecting the temporal bone. Proceedings of the Pacific Coast Oto-Ophthalmological Society. Volume 72: 105-107, 1991.
23. Nassif P, Shelton C, Arriaga M: Hearing preservation following surgical removal of meningiomas affecting the temporal bone. Laryngoscope 102(12): 1357-1362, 1992.
24. Arriaga MA, Shelton C, Nassif P: Selection of surgical approach in meningiomas affecting the temporal bone. Otolaryngol Head and Neck Surg 107: 738-744, January 1993.
25. Arriaga MA, Luxford WM, Atkins J, Kwartler J: Predicting long-term facial nerve outcome following acoustic neuroma surgery. Otolaryngol Head and Neck Surg 108 (3): 220-224, 1993.
26. Weissman JL, Arriaga MA, Curtin HD, Hirsch BE: Duplication anomaly of the internal auditory canal. Am J Neurorad 12:867-869, September/October 1991.
27. Arriaga M, Brackmann D, Hitselberger W: The extended middle fossa approach to cavernous sinus and petroclival neoplasms. Laryngoscope 103 (6): 693-698, 1993.
28. Long S, Arriaga M, Nelson R: Acoustic neuroma volume: MRI-based calculations and clinical implications. Laryngoscope 103 (10): 1093-1096, October, 1993.
29. Arriaga M, Long S, Nelson R: Clinical correlates of acoustic neuroma volume. Am J Otolaryngology 14 (5): 465-468, September 1993.
30. Telischi F, Arriaga M, Lo W, De La Cruz A: Lateral extent of internal auditory canal involvement by acoustic neuromas: A surgical-radiological correlation. Am J Otolaryngology 14 (5): 446-450, September 1993.
31. Boyd ER, Arriaga MA, Kluznick RM: Preoperative SPGR MRI in surgical planning for petrous apex cholesterol granuloma excision via the transcanal infracochlear approach. Published in Abstract Form, Skull Base Surgery 3 (Supplement), p. 26, January 1993.
32. Arriaga MA, Carrier D, Chapel P, Kluznick R: Magnetic resonance imaging in surgical planning for cochlear implantation. Southern Medical Journal 86 (9): S90, September 1993.
33. Wiseman J, Boyd E, Arriaga MA: Reactive fibrous tumor of the facial nerve. Southern Medical Journal 86 (9): S96, September 1993.
34. Arriaga MA, Gorum M, Griffith M, Haid R, Masel D: Transcochlear exposure of the ventral brainstem. Southern Medical Journal 86 (9): S60, September 1993.
35. Arriaga MA, Berliner K, Luxford WM: Facial nerve function following middle fossa and translabyrinthine acoustic neuroma surgery. Am J Otolaryngology 15 (5): 620-624, September 1994.
36. Arriaga MA: Cholesteatoma in children. Otolaryngologic Clinics of North America, 72 (3):

573-591, June 1994.

37. Arriaga MA, Lo WWM, Brackmann DE: Clinical and imaging characteristics of metastatic melanoma to the cerebellopontine angle. *Arch Otolaryngol* 121 (9) 1052-1056, 1995.
38. Green JD, Nguyen CD, Arriaga MA et al: Surgical management of previously untreated glomus jugular tumors. *Laryngoscope*, 104 (8) 917-921, August 1994.
39. Eavey RD, Santos JI, and Arriaga MA et al: An educational model for otitis media care field-tested in Latin America. *Otolaryngol Head Neck Surg* 109 (5): 895-898, 1993.
40. Arriaga MA, Haid RM, Masel DM: Antidromic stimulation of the Greater Superficial Petrosal Nerve (GSPN) in Middle Fossa Surgery. *Laryngoscope* 105 (1): 102-105, 1995.
41. Noordzij JP, Arriaga MA, Stone AB: Differentiating bony lesions of the external auditory canal. *Ear Nose Throat Journal* 74 (1): 49-51, January, 1995.
42. Arriaga MA, Marks SO: Simultaneous cochlear implantation and acoustic neuroma resection. *Otolaryngol Head Neck Surg* 112(2): 325-328, February, 1995.
43. Arriaga MA, Carrier D, Houston GD: False positive MRI of small IAC tumors: A clinical, radiologic, pathologic study. *Otolaryngol Head Neck Surg* 113 (1):61-70, 1995.
44. Thiringer KD, Arriaga MA: Stapedectomy in military aircrew. *Otolaryngol Head Neck Surg* 118(1):9-14, January, 1998.
45. Arriaga MA Gorum M: Indications and variations of transcochlear exposure of the ventral brainstem. *Laryngoscope*, 106(5) pt 1:639-644, May, 1996.
46. Arriaga MA and Carrier D: MRI and clinical decisions in cochlear implantation. *Am J Otology*, 17(4): 547-553, July, 1996.
47. Arriaga MA: Enhanced retrosigmoid exposure with posterior semicircular canal resection. *Otolaryngol Head and Neck Surg*, 115(1):46-48, July, 1996.
48. Arriaga MA, Villaseñor A, Eavey R, et al: Educational outcomes of an otitis media workshop for primary care providers in Latin America. *Otolaryngol Head and Neck Surg*. Vol 118, Num 3, Part 1, page 394-396, March 1998.
49. Carrier D and Arriaga MA: Cost effective evaluation of asymmetric sensorineural hearing loss with focused MRI. *Otolaryngol Head and Neck Surg*. Vol 116, Num 6, Part 1, page 567-574, June, 1997.
50. Arriaga M, Gorum M, Kennedy A: Clinical pathways in acoustic neuroma management. *Laryngoscope*. 107:602-606, May 1997.
51. Arriaga MA: Preservación de la audición en neurinomas del nervio acústico. *Organización Puertorriqueña de Patología del Habla y Lenguaje y Audio logia*, Volumen 13, Num. 1, 1996.
52. Arriaga M, Carrier D, Dahlen R: Preoperative endovascular occlusion of the inferior petrosal sinus

and condylar veins. Am J Otolology. Revision submitted.

53. Carrier D, Arriaga M, Dahlen R: Preoperative embolization of anastomoses of the jugular bulb: A new adjuvant in jugular foramen surgery. Am J Neuroradiology. Vol 18, Num 7, 1252-1256, August, 1997.

54. Arriaga MA, Chen DA: Surgical treatment of uncompensated vestibular disease. Otolaryngologic Clinics of North America, Vol. 30, No. 5, 759-776, October 1997.

55. Schulz TY, Arriaga MA: Industrial hearing conservation and cerebellopontine angle tumors. Ear and Hearing. Revision submitted.

56. Arriaga MA: Post-traumatic hydrops. Otolaryngologic Clinics of North America. Vol 30, #6, 1117-1122, December, 1997.

57. Chen DA, Rothfus WE, Arriaga MA: Imaging Case of the Month: Cavernous Hemangioma. Am J Otolology 18:671-672, 1997.

58. OW RA, Syms CA, Arriaga MA: Stapedectomy in a managed care environment: Impact on clinical practice. Laryngoscope. Submitted.

59. Chen DA, Arriaga MA, Fukushima T: Technical refinements in middle fossa surgery. Am J Otolology 19:208-211, March, 1998.

60. Arriaga MA, Dixon P: Cytotoxicity of cytokeratin monoclonal antibody against keratinocytes - A possible therapeutic adjunct for cholesteatoma? Am J Otolology 19:26-29, January 1998.

61. Arriaga MA, Chen DA, Fukushima T: Individualizing hearing preservation in acoustic neuroma surgery. Laryngoscope 107, pages 1043-1047, August 1997.

62. Arriaga MA, Chen DA: Vestibular nerve section in the treatment of vertigo. Contemporary Neurosurgery. Vol. 19, Num. 14, page 1-7, July 1997.

63. Yu KCY, Arriaga MAA, Chen DA: Cerebellopontine angle tumor outcomes in patients with hazardous occupations. Laryngoscope 107:12, part 1, page 1610 - 1613, December 1997.

64. Arriaga MA, Chen DA: Tratamiento quirúrgico de la enfermedad vestibular descompensada. ORL Update, Volumen 1, numero 2, 1998.

65. Arriaga MA, Goldman S: Hearing results of intratympanic steroids in endolymphatic hydrops. Laryngoscope 108:1682-1685, November 1998.

66. Bennett JR, Syms CA, Arriaga MA: Preoperative evaluation of brain hernia within the temporal bone. Submitted Archives of Otolaryngology - Head and Neck Surgery, December 1998.

67. Arriaga MA, Chen DA: Facial Function in Hearing Preservation Acoustic Neuroma Surgery. Archives of Otolaryngology - Head and Neck Surgery. Vol. 127, 543-546, May, 2001.

68. Arriaga MA, Chen DA: Lasers in Otolology. St. Francis Journal of Medicine. Vol 5, No. 1, 19-21,

1999.

69. Arriaga MA: Diagnostico y Manejo de los Neurinomas del Acustico en Otolaryngology Conference Reports, Volumen 1, Numero 1, p 12-13, September, 2000.

70. Arriaga MA: Audifonos Implantables en Otolaryngology Conference Reports, Volumen 1, Numero 1, pg 14-16, September, 2000.

71. Arriaga MA, Chen DA: Hydroxyapatite cement cranioplasty in translabyrinthine acoustic neuroma surgery; Otolaryngology - Head and Neck Surgery. Vol. 126, No. 5, pg 512-517, May, 2002.

72. Chen DA, Arriaga MA: Technical refinements and precautions during ionomeric cement reconstruction of incus erosion during revision stapedectomy. The Laryngoscope. Vol. 113, pg 848-852, May, 2003.

73. Del Rio M, Arriaga M: Benign Positional Vertigo – Prognostic Factors. Otolaryngology – Head and Neck Surgery, Vol. 130/4, page 426-429, 2004.

74. Hillman T, Arriaga MA, Chen DA: Intratympanic Steroids: Do they acutely improve hearing in cases of cochlear hydrops? The Laryngoscope. Vol. Pg . 113, 1903 – 1907, November, 2003.

75. Hillman T, Chen DA, Arriaga MA: Vestibular Nerve Section vs. Intratympanic Gentamicin for Meniere’s Disease: Vertigo Control and hearing results. Accepted for publication in Laryngoscope.

76. Chen DA Arriaga MA: Phase I results of Envoy Totally Implantable Hearing Aid. Accepted for Publication, Otolaryngology Head and Neck Surgery.

77. Hillman T, Arriaga MA, Chen DA: Bilateral facial myokymia caused by Fallopiian canal dehiscence into the jugular bulb. Otology & Neurotology, Vol. 25, No.3, 2004.

LETTERS TO THE EDITOR

1. Arriaga M: Letter to the Editor. Cochlear implants and CHAMPUS. ENT Journal 73(11): 858-859, 1994.
2. Beerle BJ, Arriaga MA: Letter to the Editor. Myringotomy tube placement - another role for EMLA cream? Anesth Analg 83(2): 435, August, 1996.

EDITORIALS

1. Certificate of Added Qualifications. Arriaga MA, Otol Neurotol 23 (5): 625-628, 2002.

BOOK REVIEWS

1. Balance Disorders: A Case Study Approach. Joseph Furman, MD, PhD, Stephen Cass, MD, MPH, F.A. Davis Company, Philadelphia, 1996. Am J Otology, 18:262-264, 1997.
2. Clinical Disorders of Balance, Posture and Gait. Edited by Adolfo M. Bronstein, Thomas Brandt, and Marjorie Woollacott, published by Arnold Press, London and Oxford University

- Press, New York, 1996. *Am J Otolology*, 18:262-264, 1997.
3. Hearing Aids, A Manual for Clinicians. Edited by Robert A. Goldenberg, M.D. Lippincott-Raven, 1996. *Am J Otolology*, *Am J Otolology*, 18:532-533, 1997.
 4. Microsurgical Anatomy of the Skull Base and Approaches to the Cavernous Sinus. Chandranath Sen, M.D., Chan Siang Chen, M.D., Kalmon D. Post, M.D. Thieme Publishers, 1996. *Am J Otolology*, *Am J Otolology*, 18:532-533, 1997.
 5. Practical Management of the Balance Disorder Patient. Authors: Neal T. Shepard and Steven A. Tallihan. San Diego: Singular Publishing Group, Inc., 1996. *Am J Otolology*, 18:532-533, 1997.
 6. Vestibular Rehabilitation: Protocols and Programs. Author: Richard E. Gans, Ph.D. San Diego: Singular Publishing Group, Inc, 1996. *Am J Otolology*, 18:686, 1997.
 7. Vestibular Rehabilitation. Author: Susan Herdman, Ph.D. Philadelphia: F.A. Davis Company, 1994. *Am J Otolology*, 18:792-794, 1997.
 8. Acoustic Tumors, Diagnosis and Management, Second Edition. Edited by William F. House, M.D., Charles M. Luetje, M.D. and Karen Jo Doyle, M.D., Ph.D. San Diego: Singular Publishing Group, Inc., 1996. *Am J Otolology*, 18:792-794, 1997.
 9. Imaging of the Temporal Bone, Third Edition. Edited by Joel Swartz and H. Ric Harnsberger. New York: Thieme, 1998. *Am J Otolology*, 19:539, 1998.
 10. Color Atlas of Microneurosurgical Approaches. Edited by John Day, Christian Matula, Wolfgang Roos, and Johannes Lang. New York: Thieme, 1998. *Am J Otolology*, 19:5; 687-688, September 1998.
 11. The CNS in Action Volume II: The Vestibular System - CD ROM. Edited by Jean-Marie Peyronnard, M.D., and Louise Charron, M.D. Montreal: SSB Multimedia Medical Series, 1996. *Am J Otolology*, 20:1, page 133, January 1999.
 12. Color Atlas of Acoustic Neuroma Microsurgery. Edited by Christian Matula, M.D., Wolfgang T Roos, M.D. and Johannes Lang, M.D. New York: Thieme Publisher, 1998. *Am J Otolology* 20:1, pages 133-134, January, 1999.
 13. Surgery of the Skull Base. Edited by Paul J. Donald. Philadelphia: Lippincott-Raven Publishers, 1998. *Am J Otolology* 20:2, page 280, March 1999.
 14. Guia Para la Disseccion Del Hueso Temporal. Manuel J. Manrique. STM, Barcelona. *Am J Otolology*, 20, No.5, page 698, September 1999.
 15. Atlas of Temporal Bone and Lateral Skull Base Surgery. Edited by Mario Sanna. Co-author: Essamsaleh, M.D., Alessandra Russo, and Abdol Tiabah. Thieme Publishers, 1995. *Am J Otolology* 21:1, page 147, January 2000.
 16. Endoscopy in Neuro-Otology. Edited by Magnan J. Sanna M. Stuttgart, Thieme, 1999. *Am J*

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17. Meniere=s Disease: What You Need to Know. HaBach PJ. Edited by Underwood JL. Published by the Vestibular Disorders Association (VEDA), 1998, Am J Otology, 21:1, page 146, January 2000.
 18. Evidence-Based Otitis Media. Rosenfeld RM, Bluestone CD. Ontario, Canada B.C. Decker Inc. Am J Otology, 21:1, page 147, January 2000.
 19. The Facial Nerve. Edited by Mark May, M.D. and Barry Shaitkin, M.D., Thieme Publishers, 2000. Otology and Neurotology: An International Forum (Formerly Known as The American Journal of Otology), 21:6, page 890, November 2000.
 20. Practical Management of the Dizzy Patient. Edited by Joel A. Goebel, M.D. Lippincott Williams and Wilkins. Philadelphia, 2001. Otology and Neurotology: An International Forum (Formerly Known as The American Journal of Otology), 22:4, page 571, July 2001.
 21. Restititional Surgery of the Ear and Temporal Bone. Edited by Malte Erik Wigand, M.D. Thieme Publishers, October 2000. Otology and Neurotology: An International Forum (Formerly Known as The American Journal of Otology), 22:4, page 572, July, 2001.
 22. Atlas of Otoscopy. Edited by Jack L. Pulec, M.D. and Christian Deguine, M.D. Singular Press, March 2000. Otology and Neurotology: An International Forum (Formerly Known as The American Journal of Otology), 22:4, pages 572 - 573, July 2001.
 23. Medical-Legal Evaluation of Hearing Loss, 2nd Edition. Author: Robert A. Dobie, M.D. Singular Publishing Group, San Diego, CA 2001. Otology and Neurotology: An International Forum, 22:6, pages 077-978, November 2001.
 24. Minimally Invasive Surgery of the Head, Neck and Cranial Base. Author: Phillip A. Wackym, M.D., etc. Otology and Neurotology, 23:3, page 409, May 2002.
 25. Color Atlas of the Anatomy and Pathology of the Epitympanum. Author: Tauno Palva, M.D., Hans Ramsay, M.D. and Clorindum Northrop, M.D. Otology and Neurotology. 23:4, page 619, July 2002.
 26. The Pathology of Viral Neuropathies in Temporal Bone. Author RR Gacek, M.D. Otology and Neurotology, 24(1):127-128, June 2003.
 27. Otology's Great Moments. Author: Dennis Papas, M.D. and Lanie Kent, M.D. Otology and Neurotology, 24(1):128, January 2003.
 28. Headache and Facial Pain. Franco Mongini, M.D. Thieme Publishers, 24(1)page 127-128, January 2003.
 29. Middle Ear and Mastoid Microsurgery. Mario Sann, M.D. Otology and Neurotology, 25(2):198-199, March 2004.
 30. Head and Neck Imaging, Fourth Edition. Peter M. Som, M.D. Otology and Neurotology,

AUDIOVISUAL TAPES

1. Arriaga M: Tympanocentesis in septic infants. Audio-digest Foundation, Otolaryngology-Head and Neck Surgery, 22(11): June 8, 1989.
2. Stool S, Arriaga M: Otitis media. (Spanish videotape describing basic pathophysiology, diagnosis and management of otitis media), 1989.
3. Arriaga M, Janecka I: Anatomical considerations in a facial translocation approach to the cranial base, 1990.
4. Arriaga M, Brackmann D: Surgical technique of facial nerve anastomosis in the cerebellopontine angle, 1990.
5. Arriaga M, Brackmann D: Creating a trouble-free mastoid cavity, House Ear Institute Catalogue, 1991.
6. Arriaga M, Brackmann D: Glomus jugular surgery, House Ear Institute Catalogue, 1991.
7. Arriaga M: Medical complication in total laryngectomy: Incidence and risk factors. Audio-digest Foundation, Otolaryngology-Head and Neck Surgery, 24(4): Feb 28, 1991.
8. Arriaga M: Facial nerve paralysis following acoustic tumor surgery: Prognosis and Prevention, Otolaryngology Audio-Digest. Volume 33, Issue 08, April 21, 2000
9. Arriaga M: Facial nerve repair techniques: Cerebellopontine angle and intratemporal facial nerve, Otolaryngology Audio-Digest. Volume 33, Issue 08, April 21, 2000.

PROFESSIONAL ACTIVITIES

PRESENTATIONS

1. "Carcinoma of the Temporal Bone" - 34th Annual Meeting, American College of Surgeons Southwestern Pennsylvania Chapter. Pittsburgh, Pennsylvania, 27 April 1988.
2. "Squamous Cell Carcinoma of the External Auditory Meatus" - Annual Meeting, Pennsylvania Academy of Ophthalmology and Otolaryngology. Hershey, Pennsylvania, 10-11 June 1988.
3. "Temporal Bone Carcinoma: A Review of 26 Patients" - International Symposium on Cranial Base Surgery. Pittsburgh, Pennsylvania, 13-17 September 1988.
4. "El manejo de Infantes Sépticos Mediante la Tympanocentesis" - Coloquio de infectologia, Colegio de Medicos y Cirujanos. San Jose, Costa Rica, 21 January 1989.
5. "El Uso de Tympanocentesis en Infantes Sépticos" - Coloquio de Infecciones Severas Glaxo. Guadalajara, Mexico, 25 January, 1989.

6. "Role of Tympanocentesis in the Management of Septic Infants" - Eastern Section Meeting of the Triological Society. Toronto, Ontario, 27-28 January, 1989.
7. "Staging External Auditory Meatus Carcinoma -- A Radiological-Pathological Study" - Pennsylvania Academy of Ophthalmology and Otolaryngology. Pittsburgh, Pennsylvania, 14 April, 1989.
8. "Considerations for the Facial Translocation Approach to the Nasopharynx" - Mid-Atlantic Resident's Research Symposium, Uniformed Services University Health Science Center. Bethesda, Maryland, May, 1989.
9. "Surgical Exposure of the Nasopharynx: Anatomic Basis for a Transfacial Approach" - Proceedings for the 45th Annual sessions of the Forum on Fundamental Surgical Problems, 1989 Clinical Congress of the American College of Surgeons. Atlanta, Georgia, 15-20 October, 1989.
10. "@Practical Applications of Tympanocentesis in Sepsis" - Interdisciplinary Colloquium on Otitis Media. Tuxtla Gutiérrez, Chiapas, Mexico, 10 January 1990.
11. "Surgical Management of Chronic Parotitis" - Eastern Section Meeting of the Triological Society. New Haven, Connecticut, 25-27 January 1990.
12. "Anatomical Considerations in a Facial Translocation Approach to the Cranial Base" - North American Society for Skull Base Surgery. Marina del Rey, California, 18 February 1990.
13. "Medical Complications in Head and Neck Surgery - A Comparison Study" - Southwestern Chapter of the American College of Surgeons. Pittsburgh, Pennsylvania, 11 April 1990.
14. "A TNM Staging Proposal for External Auditory Meatus Carcinoma Based on Clinical Examination and Preoperative CT Scans" - American Otological Society Annual Meeting. Palm Beach, Florida, 5 May 1990.
15. "Medical Complications in Total Laryngectomy: Incidence and Risk Factors" - American Laryngological Association Annual Meeting. Palm Beach, Florida, 5 May 1990.
16. "Clinical Staging of Temporal Bone Cancer" - Otology Mini-seminar, University of Pittsburgh, Department of Otolaryngology. University of Pittsburgh, Pennsylvania, 18-19 May, 1990.
17. "Facial Nerve Repair in Cerebellopontine Angle Tumor Surgery," Second Annual Meeting of the North American Skull Base Surgery Society. Lake Buena Vista, Florida, 1-3 March 1991.
18. "Selection of Surgical Approaches in Temporal Bone Meningiomas," Annual Meeting of the American Academy of Otolaryngology --Head and Neck Surgery. Kansas City, Missouri, September 1991.
19. "Chronology of Facial Nerve Recovery Following Acoustic Neuroma Surgery," Accepted for Presentation at the 1991 Annual Meeting of the American Academy of Otolaryngology -Head

- and Neck Surgery. Kansas City, Missouri, September 1991.
20. "Extended Middle-Fossa Approach to Petroclival and Cavernous Sinus Neoplasms," Eastern Section Meeting of the Triological Society. Boston, MA, January 1992.
 21. "Acoustic Neuroma Volume: Clinical Implications of MRI- Based Calculations," Spring Meeting of the American Neurotologic Society. Desert Palm Springs, CA, April 1992.
 22. "Imaging Considerations in the Differential Diagnosis of Posterior Fossa Skull Base Tumors," Society of Air Force Clinical Surgeons Annual Meeting. San Antonio, TX, April 1992.
 23. "Practical Considerations in Otologic Diagnosis," University of Pittsburgh Department of Otolaryngology Teaching Day. Pittsburgh, PA, 15 May 1992.
 24. "Clinical Evaluation of the Dizzy Patient," University of Texas Health Science Center at San Antonio, Otolaryngology Basic Science Course. San Antonio, TX, 15 July 1992.
 25. "Aeromedical Implications of Ear Surgery," School of Aerospace Medicine. Brooks AFB, Texas, 21 July 1992.
 26. "Temporal Bone Lymphoma Masquerading as an Intracranial Complication of Otitis Media," Alexis Lane, MD; and Moisés Arriaga, MD, Society for Ear, Nose and Throat Advances in Children. Toronto, Ontario, 5 December, 1992.
 27. "Aspectos prácticos en el diagnostico de otitis media en recién nacidos," Jornadas Anuales del Hospital Infantil Federico Gomez. Pachuca, Mexico, 22 November 1992.
 28. "Otitis Media Crónica: Casos Especiales," Colegio de Pediatras de Culiacán. Culiacán, Mexico, 18 January, 1993.
 29. "Abordajes Neurotologicos--- Un Resumen," Dallas Foundation of Otology, International Course, 1 March, 1993.
 30. "Facial Nerve Function after Middle Fossa vs Translabyrinthine Acoustic Neuroma Surgery," American Neurotological Society. Los Angeles, CA, 16-17 April 1993.
 31. "Antidromic Stimulation of the Greater Superficial Petrosal Nerve (GSPN) in Middle Fossa Surgery," American Otological Society. Los Angeles, CA, 17-18 April 1993.
 32. "Cochlear Implants - Update on the Wilford Hall Experience," Society of Air Force Clinical Surgeons. Biloxi, MS, 20-21 April 1993.
 33. "Neurotology and Aerospace Medicine," School of Aerospace Medicine. Brooks AFB, Texas, 24 August 1993.
 34. "Neurotologic Approaches to the Skull Base," Dallas Foundation of Otology. Dallas, Texas, 1 September 1993.
 35. "Magnetic Resonance Imaging in Surgical Planning for Cochlear Implantation," Southern

- Medical Association National Meeting, Otolaryngology Section. New Orleans, Louisiana, 28 October, 1993.
36. "Transcochlear Exposure of the Ventral Brainstem," Southern Medical Association National Meeting, Neurosurgical Section. New Orleans, Louisiana, 29 October 1993.
 37. "Evaluation and Management of Dizziness," Emory University CME. Atlanta, Georgia, 9 December 1993.
 38. "Evaluation and Management of Hearing Loss," Emory University CME. Atlanta, Georgia, 9 December 1993.
 39. "Aspectos Prácticos de la Otitis Media," Universidad Autónoma de Yucatán. Mérida, Mexico, 17 January 1994.
 40. "Neurotologic Approaches to the Ventral Brainstem." Baylor University Medical Center. Dallas, Texas, 25 January 1994.
 41. "Outcomes of Neurotologic Surgery in a Military Practice," Society of Air Force Clinical Surgeons, Annual Meeting. San Antonio, Texas, 26 April, 1994.
 42. "Computerized Instruction in Skull Base Surgery: The Translabyrinthine Approach," Nadeem Hussain BS, and Moisés Arriaga, North American Skull Base Society Annual Meeting. Orlando, Florida, February 1994.
 43. "Selection of Transcochlear Exposure of the Ventral Brainstem," International Symposium on Surgery of the Inner Ear --- Prosper Meniere Society. Aspen, Colorado, 22 July 1994.
 44. "False Positive MRI of Small IAC Tumors," Plenary Session, Annual Meeting of the American Academy of Otolaryngology - Head and Neck Surgery. San Diego, California, 22 September, 1994.
 45. "Otitis Media en el Recién Nacido," Simposio Práctico y Teórico Sobre la Otitis Media. San Cristóbal, Venezuela, 31 October 1994.
 46. "Otitis Media y Tympanocentesis," Simposio Práctico Y Teórico de Infecciones Respiratorias Morelia. Michoacán, Mexico, 16 January 1995.
 47. "Mastoidectomy in the Cue Ball," Dallas Foundation of Otology. Dallas, Texas, 30 January 1995.
 48. "Technical Considerations in Middle Fossa Surgery," Mayo Medical School. Rochester, Minnesota, 10 February 1995.
 49. "Facial Nerve Outcomes and Their Predication," San Antonio Society of Otolaryngology - Head and Neck Surgery, Annual Symposium. San Antonio, Texas 25 February 1995.
 50. "Nuevas Aplicaciones de Abordajes Neurotológicos," International Temporal Bone Dissection Course, Baylor Medical Center. Dallas, Texas, 20 March 1995.

51. "MRI and Clinical Decisions in Cochlear Implantation," Annual Spring Meeting of American Neurotology Society. Desert Palm Springs, California, 30 April 1995.
52. "New Techniques in Ossiculoplasty" Carolina Ear Institute. Raleigh, North Carolina, 18 May 1995.
53. "Neurotologic Skull Base Surgery - New Techniques," Neuroscience Grand Rounds, Allegheny General Hospital. Pittsburgh, Pennsylvania, 24 May 1995.
54. "Implantes Cocleares y Audiología," and "Cirugía del Cerebelo y el audiólogo," Organization of Puerto Rican Audiologists and Speech Pathologists Annual Convention. Humacao, Puerto Rico, 28 October 1995.
55. "Otitis Media," San Pedro Sula ENT Society. San Pedro, Honduras, 2 August 1995.
56. "Abordajes Neurotológicos," Tegucigalpa ENT Society. Tegucigalpa, Honduras 3 August 1995.
57. "Otitis Media en Honduras - Estudios de Epidemiología". Tegucigalpa, Honduras, 16 November 1995.
58. "Individualized Approach to Hearing Conservation CPA Tumor Surgery," Baylor University Medical School. Dallas, Texas, 29 January 1996.
59. "Hearing Preservation CPA Tumor Surgery," Society of Air Force Clinical Surgeons Annual Meeting. San Antonio, Texas, 5 April 1996.
60. "Cost Effective Diagnosis of CPA Tumors," University of Pittsburgh Alumni Day. Pittsburgh, PA, 19 April, 1996.
61. "Mastoidectomy in the Diseased Ear"; "Revision Stapedectomy"; "Medial Graft Tympanoplasty and Selection of Technique" Allegheny Neuroscience Institute. Pittsburgh, PA, 26 April 1996.
62. "Preoperative Endovascular Occlusion of the Inferior Petrosal Sinus and Condylar Veins," National Meeting of The American Otological Society. Orlando, Florida, 4 May 1996.
63. "Clinical Pathways in Acoustic Neuroma Management," The Triological Society Annual Meeting. Orlando, Florida, 6 May 1996.
64. "Dizziness, Vertigo and Balance Disorders," Sharon Regional Hospital. Sharon, PA, 3 June 1996.
65. "Neurophysiology of Hearing/Balance," Neuroscience Lecture Series, Allegheny General Hospital. Pittsburgh, PA, 31 July 1996.
66. "Hearing Prevention: CPA Surgery", Dallas Foundation of Otology, Baylor University Medical School. Dallas, Texas, 1 September 1996.

67. "Balance Disorders," Department of Medicine Lecture Series, Allegheny General Hospital. Pittsburgh, PA, 3 September 1996.
68. "Balance Disorders", Update in Primary Care Medicine, Allegheny General Hospital. Pittsburgh, PA, 4 September 1996.
69. "Hearing Preservation Acoustic Neuroma Surgery", Allegheny Neuroscience Institute, Advanced Skull Base Dissection Course. Pittsburgh, PA, 4 October, 1996.
70. "Basic Mastoidectomy Techniques", Allegheny Neuroscience Institute, Temporal Bone Dissection Course. Pittsburgh, PA, 25 October 1996.
71. "Balance Disorders", Allegheny Neuroscience Institute, Temporal Bone Dissection Course. Pittsburgh, PA, 26 October 1996.
72. "Otitis Media en Niños", Latin America Otitis Media Research and Training Program. Caracas, Venezuela, 21 November 1996.
73. "Casos Especiales De Otitis Media", Puerto Ordaz, Venezuela, 22 November 1996.
74. "Pre Congress Course", Pan American Society of Otolaryngology. Cartagena de Indias, Columbia, 23 November 1996.
75. "Advances in Vestibular Diagnosis", Neuroscience Grand Rounds, Allegheny General Hospital. Pittsburgh, PA, 27 November, 1996.
76. "Outcomes of CPA Tumors in Hazardous Occupations", Middle Section of The Triological Society. Kansas City, MD, 26 January 1997.
77. "Pediatric Otology", Indiana Hospital. Indiana, PA, 28 January 1997.
78. "Individualizing Hearing Preservation Acoustic Neuroma Surgery", Eastern Section of The Triological Society. Boston, MA, 31 January 1997.
79. "Balance Disorders in the Elderly, Geriatric Orthopedic Update", Allegheny General Hospital. Pittsburgh, PA, 1 February, 1997.
80. "Radiología en Otolología", Puerto Rico Academy of Audiology, 2nd Annual State Convention. San Juan, Puerto Rico, 7-9 February 1997.
81. "Facial Paralysis", Emergency Medicine Lecture Program, Allegheny General Hospital. Pittsburgh, PA, 13 March 1997.
82. "Management of Common Otologic Problems", Duquesne University School of Nurse Practitioners, Duquesne University. Pittsburgh, PA, 19 March 1997.
83. "Cost Effective Acoustic Neuroma Management: Radiation vs. Surgery", American College of Surgeons, Southeast Pennsylvania Chapter. Pittsburgh, PA, 2 April 1997.

84. “Outcome Based Management of Acoustic Neuromas”, Pennsylvania Tri-State Chapter of the Acoustic Neuroma Association, Allegheny Valley. Pittsburgh, PA, 12 April 1997.
85. Moderator: Panel Discussion on Practical Otolaryngology. University of Pittsburgh Otolaryngology Alumni Day. Pittsburgh, PA 26 April 1997.
86. “Technical Modifications in Middle Fossa Surgery”, America Neurotology Society Annual Meeting. Scottsdale, AZ, 10 May 1997.
87. “Cytotoxicity of Cytokeratinocytes Monoclonal Antibody Against Keratinocytes - A Possible Therapeutic Adjunct for Cholesteatoma?”, The American Otological Society Annual Meeting. Scottsdale, AZ, 10 May 1997.
88. “Revision Stapedectomy”, Allegheny Neuroscience Institute Temporal Bone Microanatomy and Hands-On Dissection Workshop. Pittsburgh, PA, 14 June 1997.
89. “Individualizing Hearing Preservation in Acoustic Neuroma Surgery”, Dallas Foundation Temporal Bone Course. Dallas, TX, 13 October 1997.
90. “Balance Disorders”, Butler County Medical Society. Butler, PA, 14 October 1997.
91. “Balance Disorders”, Jewish Community Center - South Hills Chapter. Pittsburgh, PA, 11 November 1997.
92. “Nuevas Aplicaciones de Abordajes Neuro-otologicos”, XXI Congreso Venezolano de Otorrinolaringología. San Cristóbal, Venezuela, 12 November 1997.
93. “Desequilibrio y Vértigo en un Centro Multidisciplinario”, XXI Congreso Venezolano de Otorrinolaringología. San Cristóbal, Venezuela, 12 November 1997.
94. “Implantes Cocleares” Simposio, XXI Congreso Venezolano de Otorrinolaringología. San Cristóbal, Venezuela, 13 November 1997.
95. “Tratamiento Quirúrgico de los Para gangliomas de Oído”, Conferencia Magistral, XXI Congreso Venezolano de Otorrinolaringología. San Cristóbal, Venezuela, 14 November 1997.
96. “Mesa Redonda: Mastoidectomias Abierta vs. Cerrada. Ventajas y Desventajas” XXI Congreso Venezolano de Otorrinolaringología. San Cristóbal, Venezuela, 15 November 1997.
97. “Parálisis Facial” Simposio, XXI Congreso Venezolano de Otorrinolaringología. San Cristóbal, Venezuela, 15 November 1997.
98. “Modern Management of Hearing Loss” Southwest Allegheny County Medical Society. Pittsburgh, PA, 9 December 1997.
99. “The Management of the Facial Nerve and Carotid Artery in Difficult Head-Neck Tumors at the Skull Base” Western Section of The Triological Society. San Diego, CA, 11 January 1998.

100. "Hearing Results of Intratympanic Steroids in Endolymphatic Hydrops" Eastern Section of the Triological Society. New York, NY, 31 January 1998.
101. "Common Disorders: Ears, Nose and Throat". Presented at Duquesne University Management of the Childbearing-Age Family in Health and Illness Course. Pittsburgh, PA 5 March 1998.
102. "Otology and Neuro-otologic Surgery". OR Inservice. Allegheny University Hospitals - Allegheny General. Pittsburgh, PA, 10 March 1998.
103. "Jugular Foramen Surgery". Joint Latin American/North American Cerebrovascular Skull Base Workshop. Cancun, MX, 18 March 1998.
104. "Acoustic Neuroma". Joint Latin American/North American Cerebrovascular Skull Base Workshop. Cancun, MX, 19 March 1998.
105. "Individualizing Acoustic Neuroma Management through a Multidisciplinary Team". 1998 Acoustic Neuroma Association PA Tri-State Chapter Regional Meeting. Pittsburgh, PA, 4 April, 1998.
106. "Individualizing Surgical Approaches in Acoustic Neuroma Surgery". University of Pittsburgh School of Medicine Alumni Day. Pittsburgh, PA, 1 & 2, May, 1998.
107. "Anatomy, Physiology and Differential Diagnosis of Hearing Loss for the Legal Professional". Medical-Legal Evaluation of Hearing Loss. Hilton Head Island, S.C., 25, June 1998.
108. "Cirugía de Neurinoma Acústico con Preservation de Audición". American Academy of Otolaryngology - Head and Neck Surgery Annual Meeting. San Antonio, TX, 13, September 1998.
109. "Expanding Applications of Neurotologic Skull Base Surgery". University of Texas. Dallas, TX, 2 October, 1998.
110. "Avoiding Complications in Revision Chronic Ear Surgery". University of Texas. Dallas, TX, 2 October 1998.
111. "Modern Management of Hearing Loss". Medical Grand Rounds. Somerset Hospital, Somerset, PA. 7 October 1998.
112. "Individualizing Hearing Preservation in Acoustic Neurinoma Surgery". XXVI Congreso Pan American Congress of Otolaryngology Head and Neck Surgery Meeting. Panama, 11-14, November, 1998.
113. "Infracochlear Approach to the Skull Base". Temporal Bone Course. The House Ear Institute, Los Angeles, CA. January 18, 1999.
114. "Postoperative Facial Function in Hearing Preservation Acoustic Neuroma Surgery". Eastern Section of The Triological Society. Providence, RI, January 30, 1999.
115. "Common Disorders: Ears, Nose, and Throat". Presented at Duquesne University Management

- of the Childbearing - Age Family in Health and Illness Course. Pittsburgh, PA 4, March, 1999.
116. "Facial Nerve Paralysis after Acoustic Tumor Surgery: Prognosis and Prevention". 12th Annual Cherry Blossom Conference: Facial Nerve Update 1999. Arlington, VA, March 27, 1999.
 117. "Facial Nerve Repair Techniques: Cerebellopontine Angle and Infratemporal Facial Nerve". 12th Annual Cherry Blossom Conference: Facial Nerve Update 1999. Arlington, VA, March 27, 1999.
 118. "Evaluation and Treatment of the Dizzy Patient". Medical Grand Rounds. Somerset Hospital, Somerset, PA. 7 April 1999.
 119. "Everything you wanted to know about Otitis Media and were afraid to ask? Controversies in Otitis Media". PSHA Convention. Pittsburgh, PA. 22 April, 1999.
 120. "Manejo de Vértigo y Desequilibrio en un Centro Multidisciplinario". V Jornadas Científicas GAES presented by CEIG (Centro de Estudios e Investigación). 10 May, 1999, Barcelona, Spain; 12 May, Bilbao, Spain; 14 May, Sevilla, Spain; 17 May, Madrid; 18 May, Valencia, Spain; 19 May Alicante, Spain.
 121. "Cirugía de Tumores Acústicos con Preservación de la Audición". V Jornadas Científicas GAES presented by CEIG (Centro de Estudios e Investigación). 10 May, 1999, Barcelona, Spain; 11 May, Pamplona, Spain; 12 May, Bilbao, Spain; 14 May, Sevilla, Spain; 17 May, Madrid; 18 May, Valencia, Spain; 19 May, Alicante, Spain.
 122. "Manejo del Nervio Facial en Casos Traumáticos e Iatrogenicos". V Jornadas Científicas GAES presented by CEIG (Centro de Estudios e Investigación). 10 May, 1999, Barcelona, Spain; 11 May, Pamplona, Spain; 12 May, Bilbao, Spain; 14 May, Sevilla, Spain; 17 May, Madrid; 18 May, Valencia, Spain; 19 May, Alicante, Spain; 20 May Coruña, Spain.
 123. "Mesa Redonda sobre Implantes Cocleares". V Jornadas Científicas GAES presented by CEIG (Centro de Estudios e Investigación). 10 May, Barcelona; 12 May, 1999, Bilbao, Spain; 14 May, Sevilla, Spain; 17 May, Madrid; 18 May, Valencia, Spain; 19 May Alicante, Spain; 20 May, Coruña, Spain.
 124. "Nuevas Aplicaciones de Abordajes Neurologicos". 13 May, 1999, Córdoba, Spain.
 125. "Microanatomy of Otologic Operative Techniques". Allegheny University Hospitals - Allegheny General, Pittsburgh, PA. 4-5, June, 1999.
 126. Panel Chairman, "Advanced Techniques in Audiologic Diagnosis of Acoustic Neuroma". Fourth International Congress on Acoustic Neuromas. Rome, Italy 13, June 1999.
 127. "Relationship of Acoustic Neuromas Volume and Preoperative Hearing". Fourth International Congress on Acoustic Neuromas. Rome, Italy 13, June 1999.
 128. "Individualizing Surgical Management of Small Acoustic Neuromas". Rome, Italy 13, June, 1999.

129. “Facial Nerve Repair in Cerebellopontine Angle Tumor Surgery”. Fourth International Congress on Acoustic Neuromas. Rome, Italy 15, June 1999.
130. “Facial Function in Hearing Preservation Acoustic Neuroma Surgery”. Pennsylvania Academy of Otolaryngology - Head and Neck Surgery. Hershey, PA 18 June, 1999.
131. “Balance Disorders”. Lecture at Health South Monroeville, PA. October 21, 1999.
132. Northeastern Ohio Society of Otolaryngology, “Neurotology Principles in General Otolaryngology” and “Management of Iatrogenic Facial Palsy”. October 21, 1999.
133. “Advances in Facial Paralysis Management” - Neuroscience General Rounds, Allegheny General Hospital. Pittsburgh, PA, January 26, 2000.
134. “Facial Nerve Decompression” - Dallas Foundation of Otology at Baylor University. Dallas, TX, February 2, 2000.
135. “Hearing Loss and Health Care in Childbearing Ages”. Duquesne University School of Nursing Common Disorders: Ears, Nose and Throat”. Presented at Duquesne University Management of the Childbearing-Age Family in Health and Illness Course. Pittsburgh, PA 2 March, 2000.
136. “Hearing Loss and Related Syndromes”. WISC, Pittsburgh, PA March 21, 2000.
137. “Jugular Foramen Tumors”. The Southwestern Pennsylvania Chapter American College of Surgeons Annual Meeting and Residents Day. Pittsburgh, PA March 29, 2000.
138. “Posterior Fossa Surgery”. The Southwestern Pennsylvania Chapter American College of Surgeons Annual Meeting and Residents Day. Pittsburgh, PA March 29, 2000.
139. “Modern Management of Hearing Loss”. Southwest Allegheny County Medical Society. Pittsburgh, PA April 11, 2000.
140. “Cochlear Implantation”. Lecture North Hills Passavant Hospital. Pittsburgh, PA April 11, 2000.
141. “Advanced Considerations in Chronic Ear Surgery”. Lecture Allegheny General Hospital, Pittsburgh, PA April 14, 2000.
142. “Facial Nerve Paralysis”. Lecture Allegheny General Hospital, Pittsburgh, PA April 14, 2000.
143. “Dizziness”. Lecture at The Washington Hospital’s Scientific Day 2000. Washington Hospital, Washington, PA. May 5, 2000.
144. “Manejo del Lesiones del Nervio facial”. XXX Congreso Nacional de Otorrinolaringología y Cirugía de Cabeza y Cuello de la Sociedad Colombiana de Otorrinolaringología y Cirugía de Cabeza y Cuello. San Andrés, Isla., Colombia. May 31 - June 4, 2000.

145. “Manejo del Vértigo Paroxístico Benigno”. XXX Congreso Nacional de Otorrinolaringología y Cirugía de Cabeza y Cuello de la Sociedad Colombiana de Otorrinolaringología y Cirugía de Cabeza y Cuello. San Andrés, Isla., Colombia. May 31, 2000
146. “Diagnostico y Manejado de Lesiones del Ápex Petroso”. XXX Congreso Nacional de Otorrinolaringología y Cirugía de Cabeza y Cuello de la Sociedad Colombiana de Otorrinolaringología y Cirugía de Cabeza y Cuello. San Andrés, Isla., Colombia. May 31, 2000
147. “Cirugía del Foramen Yugular”. XXX Congreso Nacional de Otorrinolaringología y Cirugía de Cabeza y Cuello de la Sociedad Colombiana de Otorrinolaringología y Cirugía de Cabeza y Cuello. San Andrés, Isla., Colombia. May 31, 2000
148. “Individualización de Los Abordajes Quirúrgicos en Neurinoma del Acústico”. XXX Congreso Nacional de Otorrinolaringología y Cirugía de Cabeza y Cuello de la Sociedad Colombiana de Otorrinolaringología y Cirugía de Cabeza y Cuello. San Andrés, Isla., Colombia. May 31, 2000
149. “Simposio (Astra Zeneca) Almuerzo Incluido”. XXX Congreso Nacional de Otorrinolaringología y Cirugía de Cabeza y Cuello de la Sociedad Colombiana de Otorrinolaringología y Cirugía de Cabeza y Cuello. San Andrés, Isla., Colombia. May 31, 2000
150. “Consideraciones Especiales en Cirugía de Oído Crónico”. XXX Congreso Nacional de Otorrinolaringología y Cirugía de Cabeza y Cuello de la Sociedad Colombiana de Otorrinolaringología y Cirugía de Cabeza y Cuello. San Andrés, Isla., Colombia. June 1, 2000
151. “Nuevas Tendencias en el Diagnostico y Terapéutica de la Enfermedad de Meniere”. XXX Congreso Nacional de Otorrinolaringología y Cirugía de Cabeza y Cuello de la Sociedad Colombiana de Otorrinolaringología y Cirugía de Cabeza y Cuello. San Andrés, Isla., Colombia. June 1, 2000
152. “Nueva Era en Ayudas Auditivas Implantables”. XXX Congreso Nacional de Otorrinolaringología y Cirugía de Cabeza y Cuello de la Sociedad Colombiana de Otorrinolaringología y Cirugía de Cabeza y Cuello. San Andrés, Isla., Colombia. June 2, 2000
153. “Facial Nerve Monitoring in Chronic Ear Surgery - the Time Has Come”. Pennsylvania Academy of Otolaryngology Head and Neck Surgery 2000 Meeting. Nemaocolin Woodland Resort, Farmington, PA. June 23-24, 2000.
154. “Implantable Hearing Devices”. Report by the Subcommittee on Implantable Devices. National Meeting of the American Academy of Otolaryngology - Head and Neck Surgery, Washington, D.C., September 24, 2000.
155. “Implantable Hearing Aids” - Neuroscience Grand Rounds - Allegheny General Hospital. October 5, 2000.
156. “Cholesteatoma Congénito En Oído Medio”. VII Curso Otitis Media y Paralisis Facial. Hospital Juarez, Mexico. November 30, 2000.

157. "Manejo De La Otitis Media Crónica. Método Cerrado Vs. Método Abierto". VII Curso Otitis Media y Parálisis Facial. Hospital Juárez, Mexico. November 30, 2000.
158. "Osciculoplastia". VII Curso Otitis Media y Parálisis Facial. Hospital Juárez, Mexico. November 30, 2000.
159. "Protocolo de Estudio y Manejo de la Parálisis Facial de Bell". VII Curso Otitis Media y Parálisis Facial. Hospital Juárez, Mexico. December 1, 2000.
160. "Parálisis Facial Iatrogenica. Causas y Manejo". VII Curso Otitis Media y Parálisis Facial. Hospital Juárez, Mexico. December 1, 2000.
161. "Manejo del Nervio Facial en la Cirugía de la Base de Cráneo". VII Curso Otitis Media y Parálisis Facial. Hospital Juárez, Mexico. December 1, 2000.
162. "El Nervio Facial y Los Tumores del Angulo Pontocerebeloso". VII Curso Otitis Media y Parálisis Facial. Hospital Juárez, Mexico. December 1, 2000.
163. "2001 Hearing Loss Seminar for workers compensation judges". Department of Labor and Industry Commonwealth of Pennsylvania. Pittsburgh, PA. January 26, 2001
164. "Common Hearing Problems". Duquesne University Nurse Practitioners Course. March 16, 2001.
165. "Hearing Preservation with Acoustic Neuroma Surgery". Advances in Cranial Base Surgery - University of Pittsburgh School of Medicine Center for Continuing Education. Pittsburgh, PA May 5, 2001.
166. "Colesteatoma Congenito". III Congreso Argentino de Otorrinolaringología y Fonoaudiología Pediátrica. Centrol Cultural Bernardino Rivadavia, Argentina. June 8, 2001.
167. "Manejo Quirúrgico de Mastoiditis Serosa Crónica". III Congreso Argentino de Otorrinolaringología y Fonoaudiología Pediátrica. Centrol Cultural Bernardino Rivadavia, Argentina. June 8, 2001.
168. "Mastoidectomía: Técnica Abierta vs. Cerrada". III Congreso Argentino de Otorrinolaringología y Fonoaudiología Pediátrica. Centrol Cultural Bernardino Rivadavia, Argentina. June 9, 2001.
169. "Como Evitar y Manejar Complicaciones Del Nervio Facial En Cirugía De Oído Crónico". III Congreso Argentino de Otorrinolaringología y Fonoaudiología Pediátrica. Centrol Cultural Bernardino Rivadavia, Argentina. June 9, 2001.
170. "Audifonos Implantables". III Congreso Argentino de Otorrinolaringología y Fonoaudiología Pediátrica. Centrol Cultural Bernardino Rivadavia, Argentina. June 9, 2001.
171. "Reconstructive Cements in Otologic Surgery" - American Academy of Otolaryngology - Head and Neck Surgery Foundation, Inc. 2001 Annual Meeting. Denver, CO, September 11, 2001.

172. "Long Term Results - Hydroxyapatite Cranioplasty in Acoustic Neuroma" - American Academy of Otolaryngology - Head and Neck Surgery Foundation, Inc. 2001 Annual Meeting. Denver, CO, September 12, 2001.
173. "Vertigo Metodos Basicos y Avanzados" - American Academy of Otolaryngology - Head and Neck Surgery Foundation, Inc. 2001 Annual Meeting. Denver, CO, September 12, 2001.
174. "Como Evitar Dano al Nervio Facial en Cirugia de Oido Cronico". XXI Congreso Nacional de Otorrinolaringologia del Centro Medico La Raza, Mexico. February 14, 2002.
175. "Curso Teorico de Implantes Cocleares". XXI Congreso Nacional de Otorrinolaringologia del Centro Medico La Raza, Ixtapa,Zijuatanejo, Mexico.. February 15, 2002.
176. "Mesa Adonda de Oido Cronico". XXI Congreso Nacional de Otorrinolaringologia del Centro Medico La Raza, Ixtapa,Zijuatanejo, Mexico. February 16, 2002.
177. "Considerations in Hearing Restoration". Texas Association of Otolaryngology - Head and Neck Surgery Annual Meeting. Dallas, Texas. April 20, 2002.
178. "Neuro-Otology in General Otolaryngology". Texas Association of Otolaryngology - Head and Neck Surgery Annual Meeting. Dallas, Texas. April 20, 2002.
179. "Implantable Hearing Aids - Future Directions" - American Neurotology Society Fall Meeting, San Diego, CA. September 22, 2002.
180. "Conocimiento del hueso temporal en tres Dimensiones para entender abordajes neuro-otologicas" Curso Teorico Practico de Otologia PEMEX, Mexico DF, December 5, 2002.
181. "Como evitar y tratar paralisifacial iatrogenica en cirugia del oido", Curso Teorico Practico de Otologia PEMEX, Mexico DF, December 5, 2002.
182. "Meso de discusion coordinada sobre paralisis facial", Curso Teorico Practico de Otologia PEMEX, Mexico DF, December 5, 2002.
183. "Descompresion microvascular para sintomas del VIII par", Curso Teorico Practico de Otologia PEMEX, Mexico DF, December 5, 2002.
184. "Laberintectomia parcial con preservacion de la audicion en otonuerocirugia", Curso Teorico Practico de Otologia PEMEX, Mexico DF, December 5, 2002.
185. "Mesa de discusion coordinada sobre Aotoesclerosis", Curso Teorico Practico de Otologia PEMEX, Mexico DF, December 6, 2002.
186. "Resultados auditivos utilizando esteroides Transtimpanicos", Curso Teorico Practico de Otologia PEMEX, Mexico DF, December 6, 2002.
187. "Aplicaciones de cementos en cirugia otologica", Curso Teorico Practico de Otologia PEMEX, Mexico DF, December 6, 2002.

188. “Experiencias con el nuevo audifono totalmente implantable Envoy”, Curso Teorico Practico de Otologia PEMEX, Mexico DF, December 6, 2002.
189. “Transtympanic Steroids in Meniere’s Disease, Do They Really improve Hearing?” Hillman T, Arriaga MA, Chen DA. Eastern Section of the Triological Society, Boston MA, January 2003.
190. “Hydroxyapatite Cement in Acoustic Neuroma Surgery.” Hillman T, Arriaga MA, Chen DA. North American Skull Base Society Annual Meeting, February 2003.
191. “Transtympanic Therapies for Neuro-otologic Disease”. Allegheny General Hospital Neuroscience Grand Rounds, April 2003.
192. “Implantable Hearing Aids”. Pennsylvania American Academy of Otology – Head and Neck Surgery Annual Scientific Meeting, Pittsburgh, PA, June 20 – 21, 2003.
193. “The Role of Cements in Otologic Surgery”. Symposium: “Current Trends in Otology: A US Perspective” Carolina Ear Research Institute, Helsinki Finland, August 16, 2003.
194. “Implantable Hearing Devices: Bone Anchored and Middle Ear Devices”. Symposium: “Current Trends in Otology: A US Perspective” Carolina Ear Research Institute, Helsinki Finland, August 16, 2003.
195. Vertigo – Metodos Basicos y Avanzados” - American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting, September 22, 2003.
196. “Reconstructive Cements in Otologic Surgery” - American Academy of Otolaryngology – Head and Neck Surgery – 2003 Annual Meeting, Orlando, Florida, September 23, 2003.
197. “Hearing Preservation in Partial Labyrinthectomy” – III Triological Congress of Otorhinolaryngology, Rio de Janeiro, Brazil, October 9, 2003.
198. “Treatment of Sensori-neural Deep Dysacusia with Transcanal Amplication”, III Triological Congress of Otorhinolaryngology, Rio de Janeiro, Brazil, October 9, 2003.
199. “Results Achieved with Envoy (Totally Implantable Hearing Prosthesis)”, III Triological Congress of Otorhinolaryngology, Rio de Janeiro, Brazil, October 10, 2003.
200. “Hearing Results in the Treatment of Meniere’s Disease; section of the Vestibular Nerve or Transtympanic Gentamicin”, October 10, 2003.
201. “Indivualizing Management of Acoustic Neuroma”, Otology Update course, University of California at San Francisco, November 14, 2003.
202. “Cements in Otology”, Otology Update course, University of California at San Francisco, November 14, 2003.
203. “Historia de la cirugía de la base del cráneo y de los tumores glómicos”. Diagnostico y Tratamiento De Los Tumores Glomicos De Cabeza Y Cuello, IMSS Instituto Mexicano Del

- Seguro Social, Mexico, March 17, 2004.
204. “Evaluación preoperatoria y clasificación de los tumores glómicos”. Diagnostico y Tratamiento De Los tumores Glomicos De Cabeza Y Cuello, IMSS Instituto Mexicano Del Seguro Social, Mexico, March 17, 2004.
 205. “Las tres dimensiones de los abordajes neuro-otológicos”. Diagnostico y Tratamiento De Los tumores Glomicos De Cabeza Y Cuello, IMSS Instituto Mexicano Del Seguro Social, Mexico, March 17, 2004.
 206. “Conceptos claves neuroquirúrgicos en la cirugía de la base del cráneo”. Diagnostico y Tratamiento De Los tumores Glomicos De Cabeza Y Cuello, IMSS Instituto Mexicano Del Seguro Social, Mexico, March 18, 2004.
 207. “Abordajes quirúrgicos de los tumores glómicos”. Diagnostico y Tratamiento De Los tumores Glomicos De Cabeza Y Cuello, IMSS Instituto Mexicano Del Seguro Social, Mexico, March 18, 2004.
 208. “Consideraciones vasculares en la cirugía de la base del cráneo”. Diagnostico y Tratamiento De Los tumores Glomicos De Cabeza Y Cuello, IMSS Instituto Mexicano Del Seguro Social, Mexico, March 18, 2004.
 209. “El nervio facial en la cirugía neuro-otológica”. Diagnostico y Tratamiento De Los tumores Glomicos De Cabeza Y Cuello, IMSS Instituto Mexicano Del Seguro Social, Mexico, March 18, 2004.
 210. “Abordaje Infratemporal tipo “A” de Fisch (Video)” Diagnostico y Tratamiento De Los tumores Glomicos De Cabeza Y Cuello, IMSS Instituto Mexicano Del Seguro Social, Mexico, March 18, 2004.
 211. “Reconstrucción de la base del cráneo con cemento de hidroxiapatita”. Diagnostico y Tratamiento De Los tumores Glomicos De Cabeza Y Cuello, IMSS Instituto Mexicano Del Seguro Social, Mexico, March 19, 2004.
 212. “Manejo de los nervios craneanos en la cirugía de la base del cráneo”. Diagnostico y Tratamiento De Los tumores Glomicos De Cabeza Y Cuello, IMSS Instituto Mexicano Del Seguro Social, Mexico, March 19, 2004.
 213. Resultados, complicaciones y futuro de la cirugía de los tumores glómicos”. Diagnostico y Tratamiento De Los tumores Glomicos De Cabeza Y Cuello, IMSS Instituto Mexicano Del Seguro Social, Mexico, March 19, 2004.
 214. “Advances in Hearing Restoration”, University of Pittsburgh Medical Center’s Center for Continuing Education in the Health Sciences, North Hills Passavant Hospital, Pittsburgh, PA, April 13, 2004.

POSTER PRESENTATIONS

1. “Ploidy and Size Distribution of Cultured Human Megakaryocyte. Interrelationship Between

- Mitosis and Endomitosis”- Annual Meeting, American Federation of Clinical Research. Washington, D.C., May 5-7, 1986.
2. “Squamous Cell Carcinoma of the External Auditory Canal” -Annual Meeting, American Academy of Otolaryngology Head and Neck Surgery. Chicago, Illinois, 19-23, 1987.
 3. “Ectopic Thyroid in the Retroesophageal Superior Mediastinum” - Annual Meeting, American Academy of Otolaryngology- Head and Neck Surgery. Chicago, Illinois, September 19-23, 1987.
 4. “Pediatric Airway Obstruction From a Transplant Associated Malignancy” - Annual Meeting, American Society of Pediatric Otolaryngology. Charleston, South Carolina, April 20-23, 1988.
 5. “Parotid Duct Communicating with a Labial Pit and Ectopic Salivary Cyst” - Annual Meeting, American Society of Pediatric Otolaryngology. San Diego, California, May, 1989.
 6. “The Role of Preoperative CT Scans in Staging External Auditory Meatus Carcinoma - A Radiological-Pathological Correlation Study” - Annual Meeting, American Academy of Otolaryngology-Head and Neck Surgery. New Orleans, Louisiana, September 24-28, 1989.
 7. “Preoperative SPGR MRI in Surgical Planning for Petrous Apex Cholesterol Granuloma,” Edgar Boyd, MD; Moises Arriaga, MD; and Richard Kulznick, MD. Annual Meeting of the North American Skull Base Society. Saddleback, Arizona, February, 1993.
 8. “Bondy Modified Radical Mastoidectomy in Osteoradionecrosis of the Temporal Bone,” Joe Wiseman, MD and Moises Arriaga, MD. Annual Meeting of the American Academy of Otolaryngology- Head and Neck Surgery. San Diego, CA, September, 1994.
 9. “Actinomycosis Infection of a Petrous Apex Epidermoidmasquerading as an Invasive Skull Base Tumor,” Randall OW, MD and Moises Arriaga, MD. Annual Meeting of the American Academy of Otolaryngology - Head and Neck Surgery. New Orleans, LA, September, 1995.
 10. “Anatomic Basis for an Enhanced Retrosigmoid Approach with Posterior Semicircular Canal Resection,” Moises Arriaga MD and Michael Gorum MD. Congress of Neurological Surgeons Annual Meeting. San Francisco, CA, October 14, 1995.
 11. Techniques of Cochlear Implantation in Far Advanced Otosclerosis@, Randy Ow, MD and Moises Arriaga, MD. Annual Meeting of American Academy of Otolaryngology - Head and Neck Surgery. Washington, DC, September 29 - October 2, 1996.
 12. Dural Venous Sinuses in Chronic Otitis Media@, Moisés A. Arriaga, MD and Douglas A. Chen, MD. Centennial Meeting of The Triological Society. Scottsdale, AZ, May 12-13, 1997.
 13. The Role of Computerized Tomography in Evaluating Temporal Bone Fractures@. American Academy of Otolaryngology. San Antonio, TX, September 13 - 16, 1998.
 14. “Visual-Vestibular Hypersensitivity Syndrome Identified with VVOR Rotational Chair Testing”, Arriaga MA, Chen DA, Cenci KC. Presented at The Triological Society 2004 Southern/Middle Section Meeting. Marco Island, FL. January 8 – January 11, 2004.

COURSE DIRECTOR

Temporal Bone Dissection Course San Antonio, TX

6-8 February, 1992 Antonio De La Cruz (Guest Instructor)
19-20 March, 1993 Donald Kameron (Guest Instructor)
18-19 March, 1994 John McElveen (Guest Instructor)
23-25 February, 1995 Derald Brackmann and Antonio De La Cruz (Guest Instructors)
6-7 September, 1998

Head and Neck Surgery and Reconstruction Course

3-4 February, 1994 Eugene Myers (Guest Instructor)

Otitis Media Practical Workshop, San Antonio, TX

27-28 July, 1994 Sylvan Stool (Guest Instructor)

Allegheny Neuroscience Institute Temporal Bone Dissection Course (Co-Director)

26-28 April, 1996
25-26 October, 1996
12-14 June, 1997
10-12 October, 1997
16-17 October, 1998
4-5 June, 1999
21-22 October, 1999
14-15 April, 2000
22-23 June, 2001
26-27, June, 2002
25-26, April, 2003
20-21, June, 2003
24-25, October, 2003
16-17, April, 2004

Medicolegal Assessment of Hearing Loss (Co-Director)

25-27 June, 1998 Allegheny University Hospitals held in Hilton Head, South Carolina

Hearing and Balance Disorders in Primary Care.

11 November, 1999 Allegheny General Hospital, Pittsburgh, PA

COURSE INSTRUCTOR

1. Colegio de Médicos y Cirujanos, Hospital Nacional de Niños, San José, Costa Rica. Latín America Otitis Media Research and Training Group Seminar and Workshop. January 20-23, 1989.

2. Simposio de Infecciones Severas, Guadalajara, Mexico Latin America Otitis Media Research and Training Group Seminar and Workshop. January 24-26, 1989.
3. Curso de Infecciones en Niños del Ministerio de Salud de Chiapas; Tuxtla Gutiérrez, Chiapas, Mexico. Latin America Otitis Media Research and Training Group Seminar and Workshop. January 10-14, 1990.
4. Surgical Dissection Course, House Ear Institute Los Angeles, California. April 8-10, 1992.
5. Jornadas de Pediatría de la Asociación de Médicos del Hospital Infantil de Mexico y la Universidad Autónoma del Edo. de Hidalgo, Pachuca, Hgo, Mexico. Latin America Otitis Media Research and Training Group Seminar and Workshop. November 18, 1992.
6. Curso de Otitis Media de la Asociación de Pediatras de Culiacán, Mexico. Latin America Otitis Media Research and Training Group Seminar and Workshop. January 18, 1993.
7. Dallas Foundation of Otology, Surgical Dissection of the Temporal Bone Course. Dallas, Texas, January 24-26, 1993
8. Dallas Foundation of Otology, Surgical Dissection of the Temporal Bone Course Dallas, Texas. February 28 -March 3, 1993.
9. Dallas Foundation of Otology, Surgical Dissection of the Temporal Bone Course Dallas, Texas. August 31 - September 2, 1993.
10. Neurosurgery and Neurology Update for Primary Care Physicians, Emory University School of Medicine, Atlanta, Georgia. December 10-11, 1993.
11. Curso de Otitis Media de la Asociación de Pediatras de Yucatán, Mérida, Mexico. Latin America Otitis Media Research and Training Group Seminar and Workshop. January 17, 1994.
12. Dallas Foundation of Otology, Surgical Dissection of the Temporal Bone Course, Dallas, Texas. January 23-25, 1994
13. House Ear Institute, Temporal Bone Dissection Course, Los Angeles, CA. June 8-9, 1994.
14. Dallas Foundation of Otology, Temporal Bone Dissection Course, Dallas, Texas. September 6-7, 1994.
15. Taller Practico Sobre la Otitis Media, Latin American Otitis Media Training Group Seminar and Workshop, San Cristobal, Tachira, Venezuela S.A. October 30-31, 1994.
16. Taller Practico Sobre La Otitis Media, Latin American Otitis Media Training Group Seminar and Workshop, Morelia, Michoacán, Mexico. January 15-16, 1995.
17. Dallas Foundation of Otology, Temporal Bone Dissection Course, Baylor University Medical School. January 29-31, 1995.
18. Mayo Clinic Temporal Bone Anatomy Course, Rochester, Minnesota. February 10-11, 1995.

19. Carolina Ear Institute Temporal Bone Dissection Course, Raleigh, North Carolina. May 18-20, 1995.
20. Dallas Foundation of Otology, Temporal Bone Dissection Course, Baylor University Medical School, Dallas, Texas. January 28-29, 1996.
21. Dallas Foundation of Otology, Baylor University Medical School, Dallas, Texas. August 31 - September 1, 1996.
22. Allegheny Neuroscience Institute Temporal Bone Microanatomy and Hands-On Dissection Workshop, Allegheny General Hospital, Pittsburgh, PA. June 12-14, 1997.
23. Dallas Foundation of Otology, Temporal Bone Dissection Course, Dallas, Texas. October 1 -5, 1997.
24. Temporal Bone Surgical Dissection Course, House Ear Institute, Los Angeles, CA. October 13, 1997.
25. American Academy of Otology, "Hearing Preservation Acoustic Neuroma Surgery", San Antonio, Texas. September 13, 1998.
26. American Academy of Otology, "Management of Iatrogenic Facial Paralysis", San Antonio, TX. September 14, 1998.
27. Temporal Bone Surgical Dissection Course, House Ear Institute, Los Angeles, CA. January 18, 1999.
28. Dallas Foundation of Otology, "Cirugía de Tumores Acusticos", Dallas, Texas. 14 March, 1999.
29. Temporal Bone Course, Allegheny General Hospital, Pittsburgh, PA . October 21, 1999
30. Hearing and Balance Disorders in Primary Care, Allegheny General Hospital, Pittsburgh, November 11, 1999.
31. "Vertigo: Medicos Basicos y Avanzados". American Academy of Otolaryngology - Head and Neck Surgery. Washington, DC. September 24, 2000.
32. "Update on Implantable Middle Ear Hearing Devices". American Academy of Otolaryngology - Head and Neck Surgery. Washington, DC. September 25, 2000.
33. "Prevention and Management of Iatrogenic Facial Nerve Injury". Temporal Bone Dissection Course University of Michigan. October 11, 2000.
34. "The Difficult Chronic Ear". Temporal Bone Dissection Course University of Michigan. October 12, 2000.
35. "Descompressao do Saco Endolinfático vs. Seccao do Nervo." CUF Congresso de ORL,

Lisbon, Portugal. October 27, 2000.

36. "Diagnostico Gama Knife vs. Cirugía". CUF Congresso de ORL, Lisbon, Portugal. October 27, 2000.
37. "Vias de Abordagem Qual escolher Preservacao da Audicao". CUF Congresso de ORL, Lisbon, Portugal. October 27, 2000.
38. "Cirugía da Vertigo" CUF Congresso de ORL, Lisbon, Portugal. October 27, 2000.
39. "Facial Nerve Paralysis". 10th Annual Temporal Bone Surgical Dissection Course. Wilford Hall Medical Center, Lackland AFB, San Antonio, TX. February 2, 2001.
40. "Chronic Ear Surgery". Temporal Bone Dissection Course Allegheny General Hospital. June 22, 2001
41. "Individualizing Acoustic Neuroma Surgery". Temporal Bone Dissection Course Allegheny General Hospital, Pittsburgh, PA. June 23, 2001.
42. "Surgery for the Difficult Chronic Ear". 10th Annual Temporal Bone Surgical Dissection Course. Wilford Hall Medical Center, Lackland AFB, San Antonio, TX. February 2, 2001.
43. "Cements in Otology". American Academy of Otolaryngology - Head and Neck Surgery, San Diego, CA, September, 2002.
44. "Vertigo-Metodos Basicos y Avanzados". American Academy of Otolaryngology - Head and Neck Surgery, San Diego, CA. September, 2002.

VISITING PROFESSOR/INVITED GUEST

1. Emory University, Neurosurgical Grand Rounds, "Selection of Surgical Approaches in Neurotologic Skull Base Surgery" Atlanta, Georgia. December 9, 1993.
2. Mayo Clinic Jacksonville, Otolaryngology Grand Rounds, "Expanding Applications of Neurotologic Skull Base Surgery, " Jacksonville, Florida. April 23, 1994.
3. University of Mississippi, Otolaryngology Grand Rounds, "Indications and Applications of Cochlear Implants" Jackson, Mississippi. June 3, 1994.
4. Mayo Clinic, Otology Grand Rounds, "Decisions in Chronic Otitis Media". June 9, 1995.
5. Organization of Puerto Rican Audiologists and Speech Pathologists, Annual Meeting, Humacao Puerto Rico, 1995.
6. University of Colorado Department of Otolaryngology Grand Rounds, Expanding Applications of Neurotologic Cranial Base Surgery, Denver, Colorado. November 30, 1995.

7. XXI Congreso Venezolano de Otorrinolaringología. San Cristóbal, Venezuela. 12-15, November, 1997.
8. University of Texas Southwestern Medical School. Dallas, TX. 1 - 2, October, 1998.
9. Real Academia de Medicina y Cirugía, “Manejo Multidisciplinario de vértigo y desequilibrio”. La Corona, Spain, 20 May, 1999.
10. Invited Guest of Honor - XXX Congreso Nacional de Otorrinolaringología y Cirugía de Cabeza y Cuello del la Sociedad Colombiana de Otorrinolaringología y Cirugía de Cabeza y Cuello, San Adres, Isla, Columbia May 31 - June 4, 2000.
11. Grand Grounds - University of Michigan “Totally Implantable Hearing Aids”. October 12, 2000.
12. Invited Foreign Speaker - XXI Congreso Nacional de Otorrinolaringologia del Centro Medico La Raza. Ixtapa, Zijuatanejo, Mexico, February 14 - 17, 2002.
13. Invited Foreign Speaker - Curso Teorico Practico de Otologia, Mexico DF, Mexico December 4 - 7, 2002.
14. Invited International Speaker – III Triological Congress of Otorhinolaringology. Rio de Janeiro, Brazil, October 9-10, 2003.
15. Invited Foreign Speaker – Instituto Mexicano de Seguros Social, DIAGNOSTICO Y TRATAMIENTO DE LOS TUMORES GLOMICOS DE CABEZA Y CUELLO, Hospital Sigio XXI, Mexico City, March 17 – 20, 2004.