

CURRICULUM VITAE

Name: Elias Michael Michaelides, MD

Education: BA Cornell University, Cornell, NY, 09/1985-05/1989
MD State University of New York, Stony Brook, 07/1989-05/1993

Career:

- 07/1993-06/1994, Internship, Medical College of Virginia, Department of Surgery, Richmond, VA
- 07/1994-06/1998, Resident, Medical College of Virginia, Otolaryngology-Head and Neck Surgery, Richmond, VA
- 07/1998-06/2000, Fellowship, Michigan Ear Institute, Otolaryngology, Neurotology, and Skull Base Surgery, Farmington Hills, MI
- 07/2000-12/2004, Staff Physician, Michigan Ear Institute, Farmington Hills, MI
- 01/2005-03/2006, Staff Physician, Piedmont ENT, Atlanta, GA

Board Certification:

- Diplomat, National Board of Medical Examiners, Certificate: 427652, July 1, 1994
- Diplomat, American Board of Otolaryngology-Head and Neck Surgery, #15974, May 10, 1999

Licenses:

- Virginia Medical License, #52774, August 1, 1995
- Michigan Medical License, #4301071941, June 1, 1998
- Georgia Medical License, #055621, November 15, 2004

Professional Honors or Recognition:

- 2005-Present, Clinical Instructor, Emory University, Department of Otolaryngology – Head and Neck Surgery, Atlanta, GA
- First Place Presentation, Providence Hospital Fellowship Research Presentation, Surgical Implications of Sound Pressure Levels Generated by Otologic Lasers and Drills, April 25, 2000
- OHEP Research Award, Second Place Presentation, Surgical Implications of Sound Pressure Levels Generated by Otologic Lasers and Drills, June 30, 2000

Grant History for Last 12 Years:

1. *The role of glycosphingolipids in autoimmune cochleovestibular diso*, National Organization of Hearing Research Grant, 1995
2. *The role of glycosphingolipids in autoimmune cochleovestibular diso*, A. D. Williams Foundation Grant, 1995

Lectures, Courses:

3. Glossopharyngeal Syncope, Virginia Society of Otolaryngology-Head and Neck Surgery, Williamsburg, VA, April, 1995
4. Anatomy and Physiology of the Integument, MCV Otolaryngology-Head and Neck Surgery Soft Tissue Workshop, Richmond, VA, November, 1995
5. Carotid-Cavernous Fistula Presenting as Pulsatile Tinnitus, Virginia

- Society of Otolaryngology-Head and Neck Surgery, Hot Springs, VA, April 27, 1996
6. Surgical Management of Vertigo, Otolaryngology-Head and Neck Surgery Grand Rounds, Richmond, VA, April 25, 1996
 7. Glycolipids in the Human Cochleovestibular System, American Otologic Society, Orlando, FL, May 4-5, 1996
 8. Autoimmune Inner Ear Disease: Clinical and Experimental Aspects, Symposium on Otology and Neuro-otosurgery, Nafpaktos, Greece, June 23-4, 1996
 9. Anatomic and Physiologic Basis of the Neurotologic Examination, Medical College of Virginia, Otolaryngology-Head and Neck Surgery Grand Rounds, October 15, 1997
 10. Otosclerosis, 15th Annual Temporal Bone Course, Medical College of Virginia, December 17, 1997
 11. Enterogenous Cyst of the Cerebellopontine Angle, Virginia Society of Otolaryngology-Head and Neck Surgery, Annual Meeting, April 24, 1998
 12. Tumors of the Jugular Foramen, Providence Hospital Surgical Grand Rounds, November 6, 1998
 13. Magnetic Resonance Spectroscopy of the Skull Base, Providence Hospital Surgical Grand Rounds, December 3, 1998
 14. Pulsatile Tinnitus in Patients with Morbid Obesity: The Effectiveness of Weight Reduction Surgery, American Otologic Society Meeting, Palm Springs, CA, April 24, 1999
 15. Examination of the Dizzy Patient, Providence Hospital Surgical Grand Rounds, October 4, 1999
 16. Magnetic Resonance Spectroscopy, Annual Meeting of the Academy of Otolaryngology/Head and Neck Surgery, New Orleans, LA, September 27, 1999
 17. Treatment and Diagnosis of Skull Base Lesions, Providence Hospital Surgical Grand Rounds, March 6, 2000
 18. Surgical Implications of Sound Pressure Levels Generated by Otologic Lasers and Drills, Providence Hospital Annual Research Forum, April 24, 2000
 19. Noise Induced Hearing Loss, International Union of Powerplant Engineers, May 18, 2000
 20. OHEP Research Meeting, May 17, 2000
 21. New Concepts in Meniere's Disease, Michigan Meniere's Support Group, Royal Oak, MI, May 24, 2000
 22. Cochlear Implantation: A Team Approach, Early Intervention in Deaf and Hard-of-Hearing Children, Holley Ear Institute, October 21-22, 2000
 23. Transcranial Doppler, Michigan Ear Institute Spring Conference, Traverse City, MI, June 12-13, 2000
 24. Pulsatile Tinnitus, Michigan Ear Institute Spring Conference, Traverse City, MI, June 12-13, 2000
 25. Surgical Implications of Sound Pressure Levels Generated by Otologic Lasers and Drills, AAO-HNS, National Meeting, September, 2000

26. Auditory and Vestibular Anatomy and Physiology, Department of Clinical Neurophysiology, Beaumont Hospital, March 20, 2001
27. How We Hear, Older Adult Services, Beaumont Hospital, March 21, 2001
28. Cranial Nerve Monitoring for Skull Base Surgery, Department of Clinical Neurophysiology, Beaumont Hospital, May 8, 2001
29. Over-Under Tympanoplasty, 104th Meeting of the Triologic Society, Palm Desert, CA, May 15, 2001
30. Rapid Elevation of Gentamicin in the Inner Ear Following IV Administration, 104th Meeting of the Triologic Society, Palm Desert, CA, May 15, 2001
31. Tinnitus Update: Treatment Strategies, Educational Course, AAO_HNS Annual Meeting, Denver, CO, September 9, 2001
32. Transcranial Doppler, University of Wales, Cardiff, Wales, United Kingdom. March 7, 2002
33. New Techniques in Otology, Cardiff, Wales, United Kingdom, University of Wales, March 7, 2002
34. Hearing Conservation in Acoustic Neuroma Surgery, The Art of Hearing at the DIA, July 13, 2002
35. Outcomes of surgical treatment of menieres, MEI Spring Meeting, Traverse City, MI, June 7, 2002
36. Overview of Stapes Surgery, Michigan Ear Institute Temporal Bone Course, November 7, 2002
37. Laser Safety and Physics, Michigan Ear Institute Temporal Bone Course, November 7, 2002
38. Diagnosis and Treatment of Glomus Tumors, Michigan Ear Institute Temporal Bone Course, November 7, 2002
39. Review of Dizziness, Department of Family Practice Grand Rounds, St. John's Hospital, Detroit, MI, May 16, 2003
40. Eustachian Tube Surgery, 2003 Michigan Otolaryngological Society Meeting, Bay Harbor, MI, August 1, 2003
41. Temporal Bone Surgical Techniques, Henry Ford Hospital, Temporal Bone Course, September 13, 2003
42. Medical and Surgical Treatment of Vertigo, Educational Course, AAO-HNS Annual Meeting, September 21, 2003
43. Overview of Stapes Surgery, Michigan Ear Institute Temporal Bone Course, March 2004
44. Laser Safety and Physics, Michigan Ear Institute Temporal Bone Course, March 2004
45. Diagnosis and Treatment of Glomus Tumors, Michigan Ear Institute Temporal Bone Course, March 2004
46. Eustachian Tube Surgery, Journal Club, Michigan Osteopathic Otolaryngology Residency, April 29, 2004
47. Medical and Surgical Treatment of Vertigo, Educational Course, AAO-HNS Annual Meeting, September 15, 2004
48. Advance in Nasopharyngeal Surgery, Pediatric/ Otology Fellow Program, Fort Worth Texas, October 15, 2004
49. Treatment of Eustachian Tube Dysfunction, Advances in

- Otolaryngology/Head & Neck Surgery, March 15, 2005
50. Selecting Treatment Options for the Vertiginous Patient, Instruction Course, AAO-HNS Annual Meeting, September 27, 2005

Professional Service:

- American Medical Association
- Triologic Society
- American Academy of Otolaryngology/Head and Neck Surgery
- American Neurotology Society
- American Academy of Otolaryngic Allergy
- Executive Committee, Medical College of Virginia, 1997-1998
- Graduate Medical Education Committee, Medical College of Virginia, 1997-1998
- Chairman, Housestaff Committee, Medical College of Virginia, 1997-1998
- Housestaff Committee, Medical College of Virginia, Department Representative, 1994-1998
- Graduate Medical Education Committee, Providence Hospital, 2000-2004
- Surgical Pathways Committee, Providence Hospital, 2001-2002

Bibliography:

1. Galiano-Roth A, Michaelides EM, Collum D: “ ^6Li , ^{13}C , and ^{15}N NMR Spectroscopic Studies of Lithium Dialkylamids. Solution Structure of Lithium Isopropylcyclohexylamide (LICA) in Tetrahydrofuran”, *J. Am. Chem. Soc.* 1988, 110, 2658-60
2. Smouha E, Namdar I, Michaelides EM: “Partial labyrinthectomy with hearing preservation: An experimental study in guinea pigs”, *Otolaryngology-Head and Neck Surgery* June 1996; 777-784.
3. Michaelides EM, Sugerman H, Sismanis A: “Pulsatile Tinnitus in Patients with Morbid Obesity: The Effectiveness of Weight Reduction Surgery”, *American Journal of Otology*, 2000 Sep;21(5):682-5.
4. Michaelides EM, Kartush J: “Implications of Sound Levels Generated by Otologic Devices”. *Otolaryngology - Head & Neck Surgery*. 125(4):361-3, 2001 Oct.
5. Becvarovski Z, Michaelides EM, Kartush J, Bojrab D, LaRouere MJ: “Rapid Elevation Of Gentamicin Levels In The Human Labyrinth Following Intravenous Administration”, *Laryngoscope*. 112(7 Pt 1):1163-5, 2002 Jul.
6. Kartush JM, Michaelides EM, Becvarovski Z, LaRouere MJ: “Over-Under Tympanoplasty”, *Laryngoscope*. 112(5):802-7, 2002 May.
7. Becvarovski Z, Bojrab D, Michaelides EM, Kartush JM: “Round Window Gentamicin Absorption: and in vivo human model”, *Laryngoscope*. 112(9):1610-3, 2002 Sep.
8. Roland P, Dohar J, et al. Michaelides EM member ciprodex amot study group: “Topical Ciprofloxacin/Dexamethasone Otic

Suspension Is Superior to Ofloxacin Otic Solution in the Treatment of Granulation Tissue in Children with Acute Otitis Media with Otorrhea through Tympanostomy Tubes”, *Otolaryngology-Head and Neck Surgery* 130(6):736-41

In Press

1. Michaelides EM, Shetty A, Bojrab D, Wang A: “Magnetic Resonance Spectroscopy: A New Method of Diagnosis of Skull Base Lesions”, *Otolaryngology-Head and Neck Surgery* , Submitted
2. Michaelides EM, Jagacki KL, Kartush J: “Dynamic Changes in Intracranial Blood Flow: Implications for Treating Dizziness”, *Otolaryngology-Head and Neck Surgery*, Submitted