

Lance E. Jackson, M.D., F.A.C.S.
Curriculum Vitae

Office Address: Ear Institute of Texas
525 Oak Centre Drive, Suite 100
San Antonio, TX 78258
(210) 696-4327
Fax (210) 798-2509
www.EIofTX.com

CURRENT POSITION

2003-Present Otologist/Neurotologist
Founder and Director
Ear Institute of Texas
525 Oak Centre Drive, Suite 100
San Antonio, TX 78258

ACADEMIC APPOINTMENTS

2003-Present Assistant Clinical Professor in Otolaryngology-Head and Neck
Surgery
Department of Otolaryngology-Head and Neck Surgery
University of Texas Health Science Center at San Antonio
San Antonio, TX

2001-2003 Director of Medical Education for Otology/Neurotology
Fellowship Program
Ear Research Foundation
Sarasota, FL

HOSPITAL APPOINTMENTS

2004-Present Director of Otolaryngology and Member of Medical Action
Committee
The Spine Hospital of South Texas
San Antonio, TX

OTHER APPOINTMENTS

2005-Present Otologist for Employees Sea World of San Antonio
San Antonio, TX

EDUCATION

- 1987-1991 Massachusetts Institute of Technology BS
Cambridge, MA
Major: Electrical Engineering, Bioelectric Engineering Option
- 1991-1995 Washington University School of Medicine MD
St. Louis, MO

POSTGRADUATE SURGICAL TRAINING

- 1995-1996 Internship in Surgery
Department of Surgery, Stanford University Medical Center
Palo Alto, CA
- 1996-2000 Residency in Otolaryngology
Division of Otolaryngology/Head and Neck Surgery
Department of Surgery, Stanford University Medical Center
Palo Alto, CA
- 2000-2001 Fellowship in Otology/Neurotology
Ear Research Foundation
Sarasota, FL

SPECIAL CERTIFICATION

- 1996 Diplomat of the National Board of Medical Examiners
2001 Diplomat of the American Board of Otolaryngology

MEDICAL LICENSURES

- 2003-Present Texas [License Number L5777]
2000-Present Florida [License Number ME 80299]
1996-2002 California [Allowed to Expire]

HONORS

- 1989 Tau Beta Pi (Engineering Honor Society)
- 1989 Eta Kappa Nu (Electrical Engineering Honor Society)
- 1991 Distinguished Student Scholarship (awarded by Washington
University, providing full tuition for all four years of medical
school)

- 1994 Alpha Omega Alpha Medical Honor Society
- 1995 John R. Smith Memorial Fund Award (awarded to one medical school graduate exhibiting most excellence in cardiovascular research)
- 2004- 2005 “America’s Top Physicians” in Otolaryngology/Neurotology (through Consumers’ Research Council of America)
- 2005 “San Antonio’s Top Doctors” – as selected by peers (through Scene in SA Monthly)
- 2006 “America’s Top Physicians” in Otolaryngology/Neurotology (through Consumers’ Research Council of America)
- 2006 “San Antonio’s Top Doctors” – as selected by peers (through Scene in SA Monthly)

EDITORIAL POSITIONS

- 2003-Present Member of Advisory Board and Review Board for *Audiology Online* Journal
- 2006-Present Reviewer for *Otolaryngology & Neurotology* Journal

MEMBERSHIP IN PROFESSIONAL SOCIETIES

- Fellow of the American College of Surgeons
 Fellow of the American Academy of Otolaryngology – Head and Neck Surgery
 Alpha Omega Alpha Medical Honor Society
 Associate of the American Neurotology Society
 Texas Medical Association
 Bexar County Medical Society
 San Antonio Society of Otolaryngology – Head and Neck Surgery

PAST PROFESSIONAL EXPERIENCE

- Summer 2001 – Physician Neurotologist/Otolaryngologist
 Spring 2003 Florida Ear and Sinus Center, Sarasota, FL
- Summer 1999 – Medical Consultant for Otolaryngology
 Spring 2000 Imedica Corporation, Mountain View, CA
- Summer 1994 – Medical Student Researcher in Otolaryngology

Fall 1994 Department of Otolaryngology,
Washington University School of Medicine, St. Louis, MO

Summer 1993 – Medical Student Researcher
Spring 1995 Division of Cardiac Electrophysiology,
Washington University School of Medicine, St. Louis, MO

Summer 1992 Clinical Specialist/Researcher
Department of Cardiology, Methodist Hospital,
San Antonio, TX

Spring 1991 – Biomedical Engineer/Software and Hardware Designer
Summer 1991 Arrhythmia Research Technology, Austin, TX

Summer 1989 & Electrical Engineer Involved in Computer Processor Design
Summer 1990 Texas Instruments, Houston, TX &
Sun Microsystems, Mountain View, CA

Fall 1988 – Student Researcher in Cardiac Electrophysiology
Fall 1990 Harvard/MIT Division of Health Sciences and Technology,
Cambridge, MA

THESES

Jackson LE. *Automated Detection of Frequency Specific Fluctuations in ECG Morphology*. M.I.T. Bachelor's Thesis, 1990.

BOOKS AND BOOK CHAPTERS

Silverstein H, Rosenberg SI, Poe D, Jackson LE. Minimally Invasive Office Based Otolological Surgery. Clifton Park, NY: Thomson Learning, Inc.; 2002.

Silverstein H, Jackson LE, Light JP. Vestibular Neurectomy. In: Jackler RK and Brackmann D, ed. Neurotology, 2nd Edition. Orlando, FL: Harcourt; 2004.

Silverstein H, Jackson LE. Office-Based Minor Surgery: Otoendoscopy and Inner Ear Perfusion. In: Wiet RJ, ed. Ear and Temporal Bone and Surgery. New York, NY: Thieme Medical Publishers; 2006.

POSTER PRESENTATIONS

Silverstein H, Conlon WS, Jackson LE, Rosenberg SI. Pediatric laser-assisted tympanostomy. Presented at *The Southern Section of The American Laryngological, Rhinological and Otolological Society*: Marco Island, FL, January 2001.

NATIONAL AND STATE PRESENTATIONS

Rosenbaum DS, Jackson L, Kaplan DT, Kanai A, Cohen RJ, Garan H, Salama G. Dispersion of repolarization following a sudden acceleration of cycle length: a cellular mechanism for vulnerability in the hypoxic ventricle. Presented at *N.A.S.P.E. Annual Meeting*: Toronto, Canada, 1989. Finalist for Young Investigator Award.

Rosenbaum DS, Ruskin JN, Jackson L, Cohen RJ, Salama G. Electrical alternans as a precursor to ventricular arrhythmias: a cellular mechanism. Presented at *American College of Cardiology Annual Meeting*: New Orleans, LA, 1990.

Rosenbaum DS, Jackson L, Leigh A, Ruskin JN, Cohen RJ. Repolarization alternans: an electrocardiographic marker of arrhythmia vulnerability in man. Presented at *American Heart Association Annual Meeting*: Anaheim, CA, 1991. Winner of Young Investigator Award.

Roberson JB, Jr., McAuley JR, Jackson LE. Acoustic neuroma surgery: absent ABR does not contraindicate attempted hearing preservation. Presented at *The American Laryngological, Rhinological & Otolological Society Annual Meeting*: West Palm Beach, FL, 1998.

Toft KT, Koch RJ, Jackson LE, Kohler S, Tran K, Lane A. Hyperpigmentation following laser resurfacing with erbium:YAG and CO2 laser: an in vivo and histopathologic study. Presented at *Seventh International Meeting of the American Academy of Facial Plastics and Reconstructive Surgery*: Orlando, FL, 1998.

Jackson LE, Roberson JB, Jr. Acoustic neuroma surgery: use of cochlear nerve action potential monitoring for hearing preservation. Presented at *American Otolological Society Annual Meeting*: Palm Desert, CA, 1999.

Jackson LE, Roberson JB, Jr. Vagal nerve monitoring in surgery of the skull base: a comparison of efficacy of three techniques. Presented at *Thirty-Fourth Annual Scientific Meeting of the American Neurotology Society*: Palm Desert, CA, 1999.

Silverstein H, Lewis WB, Rosenberg SI, Jackson LE. Ten-year evaluation of the surgical treatment of Meniere's disease. Presented at *American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting*: Washington, D.C., 2000.

Thompson J, Warta S, Rosenberg SI, Silverstein H, Jackson LE. The role of the physician assistant in ENT practice. Presented at *Florida Society of Otolaryngology – Head and Neck Surgery Physician's Assistant/ARNP Session*: Lake Buena Vista, FL, 2000.

Thompson J, Warta S, Rosenberg SI, Silverstein H, Jackson LE. The role of the physician assistant in ENT practice. Presented at *Florida Society of Otolaryngology – Head and Neck Surgery Physician Session*: Lake Buena Vista, FL, 2000.

Silverstein H, Jackson LE, Conlon WS, Rosenberg SI, Thompson J. Laser stapedotomy minus prosthesis (laser STAMP): absence of refixation. Presented at the *American Otological Society Annual Meeting*: Palm Desert, CA, 2001.

Silverstein H, Jackson LE, Rosenberg SI*. Use of a multi-sensory computerized device (the *iCommunicator*) to aid communication and learning for the profoundly hearing impaired. Presented at *Thirty-Sixth Annual Scientific Meeting of the American Neurotology Society*: Palm Desert, CA, 2001.

Silverstein H, Jackson LE*, Light JP, Rosenberg SI, Thompson JH. Steroid rescue of hearing during gentamicin perfusion of the inner ear. Presented at *American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting*: Denver, CO, September 10, 2001.

Jackson LE, Silverstein H, Rosenberg SI. Office based minimally invasive otologic surgery: setup and equipment. Presented at *Florida Society of Otolaryngology – Head and Neck Surgery*: Orlando, FL, October 20, 2001.

Silverstein H, Light JP*, Jackson LE, Rosenberg SI, Thompson JH. Direct application of dexamethasone for the treatment of chronic eustachian tube dysfunction. Presented at *Florida Society of Otolaryngology – Head and Neck Surgery*: Orlando, FL, October 20, 2001.

Silverstein H, Jackson LE*, Light JP, Rosenberg SI, Thompson JH. Direct application of dexamethasone for the treatment of chronic eustachian tube dysfunction. Presented at *The Southern Section of The American Laryngological, Rhinological and Otological Society*: Captiva Island, FL, January 11, 2002.

Light JP, Silverstein H, Jackson LJ. Gentamicin perfusion—vestibular response and hearing loss. Presented at *Thirty-Seventh Annual Scientific Meeting of the American Neurotology Society*: Boca Raton, FL, May 11, 2002.

Silverstein H, Light JL, Jackson LE*, Hoffmann K, Thompson JH. Dexamethasone perfusion for the treatment of sudden deafness. Presented at *American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting*: San Diego, CA, September 24, 2002.

Silverstein H, Hoffmann KK, Jackson LE, Thompson JH, Sleeper JP. Hearing outcomes of laser stapedotomy minus prosthesis (STAMP) versus conventional laser stapedotomy. Presented at *American Otological Society Annual Meeting*: Memphis, TN, May 3, 2003.

Jackson LE, Morgan B, Fletcher JC, Jr., Krueger WW. Anterior canal benign paroxysmal positional vertigo: An under-appreciated entity. Presented at *Forty-First Annual Scientific Meeting of the American Neurotology Society*: Chicago, IL, May 21, 2006.

PUBLICATIONS

Rosenbaum DS, Kaplan DT, Kanai A, Jackson L, Garan H, Cohen RJ. Repolarization inhomogeneities in ventricular myocardium change dynamically with abrupt cycle length shortening. *Circulation* 1991;84:1333-1345.

Rosenbaum DS, Jackson LE, Smith JM, Garan H, Ruskin JN, Cohen RJ. Electrical alternans and vulnerability to ventricular arrhythmias. *The New England Journal of Medicine* 1994;330:235-241.

Jackson LE, Koch RJ. Controversies in the management of inferior turbinate hypertrophy: a comprehensive review. *Plastic and Reconstructive Surgery* 1999;103:300-312.

Roberson JB, Jr., Jackson LE, McAuley JR. Acoustic neuroma surgery: absent auditory brainstem response does not contraindicate attempted hearing preservation. *Laryngoscope* 1999;109:904-10.

Jackson LE, Koch RJ. Management of inferior turbinate hypertrophy: Reply. *Plastic and Reconstructive Surgery* 1999;104:1197-8.

Jackson LE, Roberson JB, Jr. Vagal nerve monitoring in surgery of the skull base: a comparison of efficacy of three techniques. *American Journal of Otolaryngology* 1999;20:649-56.

Jackson LE, Roberson JB, Jr. Acoustic neuroma surgery: use of cochlear nerve action potential monitoring for hearing preservation. *American Journal of Otolaryngology* 2000;21:249-259.

Silverstein H, Jackson LE, Rosenberg SI, Conlon WS. Pediatric laser-assisted tympanostomy. *Laryngoscope* 2001;111:905-906.

Silverstein H, Durand B, Jackson LE, Conlon WS, Rosenberg SI. Use of the malleus handle as a landmark for localization of the round window membrane. *Ear Nose & Throat Journal* 2001;80:444-445,448.

Silverstein H, Jackson LE, Rosenberg SI. Silverstein MicroWick for the treatment of inner ear disease. *Operative Techniques in Otolaryngology—Head and Neck Surgery* 2001;12:144-147.

Silverstein H, Jackson LE, Conlon WS, Rosenberg SI, Thompson J. Laser stapedotomy minus prosthesis (laser STAMP): Absence of refixation. *Otology & Neurotology* 2002;23:152-157.

Silverstein H, Jackson LE. Vestibular nerve section. *Otolaryngology Clinics of North America* 2002;35:655-673.

Jackson LE, Silverstein H. Chemical perfusion of the inner ear. *Otolaryngology Clinics of North America* 2002;35:639-653.

Jackson LE, Rosenberg SI. Pleomorphic adenoma of the lateral nasal wall. *Otolaryngology-Head and Neck Surgery* 2002;127:474-476.

Silverstein H, Light JP, Jackson LE, Rosenberg SI, Thompson JH. Direct application of dexamethasone for the treatment of chronic eustachian tube dysfunction. *Ear Nose & Throat Journal* 2003;82:28-32.

Light JP, Silverstein H, Jackson LJ. Gentamicin perfusion—vestibular response and hearing loss. *Otology & Neurotology* 2003;24:294-298.

Silverstein H, Lewis WB, Jackson LE, Rosenberg SI, Thompson JH, Hoffmann KK. Changing trends in the surgical treatment of Meniere's disease: results of a 10-year survey. *Ear Nose & Throat Journal* 2003;82:185-7,191-4.

Jackson LE, Hoffmann KK, Rosenberg SI. Intralabyrinthine schwannoma: subtle differentiating symptomatology. *Otolaryngology-Head and Neck Surgery* 2003;129:439-40.

Jackson LE, Morgan B, Fletcher JC, Jr., Krueger WW. Anterior canal benign paroxysmal positional vertigo: An under-appreciated entity. *Otology & Neurotology* 2007;28:218-222.

Jackson LE, Morgan B. Response to Letter to the Editor re: anterior canal positional vertigo treatment method. *Otology & Neurotology* 2007; publication pending.

INVITED PUBLICATIONS / COMMENTARY

Jackson LE, Silverstein H. Meniere's disease: Diagnosis, natural history, and current management. *Audiology Online* 2002.

Jackson LE. Minimally invasive otologic surgery: Interview with Editor Douglas Beck. *Audiology Online* 2003.

COURSES / INVITED LECTURES

Silverstein H, Jackson LE. Meniere's Disease: Etiology, Biochemistry, and Natural History. Course presented at *American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting*: Denver, CO, September 10, 2001; and San Diego, CA, September 25, 2002.

Jones R, Hester TO, Jackson LE. Improving Exposure in Tympanoplasty and Middle Ear Surgery. Course presented at *American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting*: Denver, CO, September 10, 2001; and San Diego, CA, September 25, 2002.

Jackson LE. Office Based Minimally Invasive Otologic Surgery: Endoscopy and Inner Ear Treatment. Lecture presented at *Advanced Techniques In Otologic & Neurotologic Surgery Course*: St. Louis, MO, June 12, 2005; and St. Louis, MO, April 28, 2006.

Jackson LE. Minimally Invasive Stapes Surgery: Laser STAMP. Lecture presented at *Advanced Techniques In Otologic & Neurotologic Surgery Course*: St. Louis, MO, June 12, 2005; and St. Louis, MO, April 28, 2006.