

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

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**CURRENT POSITION**

2003-Present      Otologist/Neurotologist  
Founder and Director  
Ear Institute of Texas  
18518 Hardy Oak, Suite 300  
San Antonio, TX 78258

**ACADEMIC APPOINTMENTS**

2003-2012      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**

2004-2007      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 of Sea World of San Antonio  
San Antonio, TX

2001-Present      Member of Board of Directors of Ear Research Foundation

## **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
- 2008                                 Subspecialty Certification in Neurotology by the American Board of  
Otolaryngology

## **MEDICAL LICENSURES**

- 2003-Present            Texas [License Number L5777]
- 2000-2004                Florida [Allowed to Expire]
- 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 “America’s Top Physicians” in Otology/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 Otology/Neurotology (through Consumers’ Research Council of America)
- 2006 “San Antonio’s Top Doctors” – as selected by peers (through *Scene in SA Monthly*)
- 2007 “Best Doctors in America” – elected by peers for inclusion among top 5% of physicians in country
- 2007 “America’s Top Physicians” in Otology/Neurotology (through Consumers’ Research Council of America)
- 2007 “San Antonio’s Top Doctors” – as selected by peers (through *Scene in SA Monthly*)
- 2008 “Castle Connolly Top Doctors”
- 2008 “America’s Top Physicians” in Otology/Neurotology (through Consumers’ Research Council of America)
- 2008 “San Antonio’s Top Doctors” – as selected by peers (through *Scene in SA Monthly*)
- 2009 “Best Doctors in America” – elected by peers for inclusion among top 5% of physicians in country
- 2009 “San Antonio’s Top Doctors” – as selected by peers (through *Scene in SA Monthly*)
- 2010 “America’s Top Physicians” in Otology/Neurotology (through Consumers’ Research Council of America)
- 2011 “America’s Top Physicians” in Otology/Neurotology (through Consumers’ Research Council of America)
- 2011 "Superb Rated Doctor" by The American Registry - Avvo Rating

- 2012 “Castle Connolly America’s Top Doctors”
- 2012 “US News Top Doctors”
- 2012 ” Superb Rated Doctor" by The American Registry - Avvo Rating
- 2013 “America’s Top Physicians” in Otolaryngology/Neurotology (through Consumers’ Research Council of America)
- 2013 Selected to "The Global Directory of Who's Who "Top Doctors"
- 2014 “San Antonio’s Top Doctors” – as selected by peers (through *S.A. Scene*)
- 2014 “America’s Top Physicians” in Otolaryngology/Neurotology (through Consumers’ Research Council of America)
- 2014 “Castle Connolly America’s Top Doctors”
- 2015 "Texas Super Doctors" – as nominated by peers (appeared in *Texas Monthly*)
- 2015 “San Antonio’s Top Doctors” – as selected by peers
- 2015-16 "Best Doctors in America" – as selected by physician peers (*San Antonio Magazine*)
- 2016 Selected to “Castle Connolly: Top Doctors of the San Antonio Metro Area”
- 2016 "Texas Super Doctors" – for Otolaryngology, as nominated by peers for top 5% of Texas physicians (appears in *Texas Monthly*). Also selected to be on the Blue Ribbon Panel of physicians involved in evaluating nominees.

### **EDITORIAL POSITIONS**

- 2003-Present Member of Advisory Board and Review Board for *Audiology Online Journal*
- 2006-Present Member of Editorial Board for *Otology & Neurotology Journal*
- 2009-Present Reviewer for *International Journal of Audiology*

### **MEMBERSHIP IN PROFESSIONAL SOCIETIES**

- Fellow of the American College of Surgeons  
 Fellow of the American Academy of Otolaryngology – Head and Neck Surgery  
 Fellow of the American Neurotology Society

Alpha Omega Alpha Medical Honor Society  
Otosclerosis Study Group  
Texas Medical Association  
Bexar County Medical Society  
Texas Association of Otolaryngology – Head and Neck Surgery  
San Antonio Society of Otolaryngology – Head and Neck Surgery

### **COMMUNITY BOARDS**

2013-2014                      Panther Lacrosse Board of Directors - High School Director  
2014-2015                      Mission Lacrosse Board of Directors - High School Director

### **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 Otological Surgery. Clifton Park, NY: Thomson Learning, Inc.; 2002.

Silverstein H, Jackson LE, Light JP. Vestibular Neurectomy. In: Jackler RK and Brackmann D, ed. Neurotology, 2<sup>nd</sup> 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.

Jackson LE, DeYoung M. Barotrauma and Decompression Sickness. In: Kountakis SE, ed. Encyclopedia of Otolaryngology, Head and Neck Surgery. Berlin, DE: Springer; 2013.

## **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 Otological 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 & Otological 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 CO<sub>2</sub> 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 Otological 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.
- 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 Otology* 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 Otology* 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;28:996.

Mikulec AA, Kowalczyk KA, Pfitzinger ME, Harris DA, Jackson LE. Negative association between treated osteoporosis and benign paroxysmal positional vertigo in women. *J Laryngol Otol* 2010;124(4):374-6.

Mikulec AA, Lukens SB, Jackson LE, Deyoung MN. Noise exposure in convertible automobiles. *J Laryngol Otol* 2010;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.

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.

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*: 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*: 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.

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

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, April 28, 2006.

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

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, August 17, 2007.

Jackson LE. Minimally Invasive Stapes Surgery: Laser STAMP. Lecture presented at *Advanced Techniques In Otologic & Neurotologic Surgery Course*: St. Louis, MO, August 17, 2007.

Jackson LE. Canal Wall Down Mastoidectomy. Lecture presented at *Advanced Techniques In Otologic & Neurotologic Surgery Course*: St. Louis, MO, April 16, 2009.

- Jackson LE. Canal Wall Down Mastoidectomy. Lecture presented at *Advanced Techniques In Otologic & Neurotologic Surgery Course*: St. Louis, MO, October 23, 2010.
- Jackson LE. Stapedotomy Minus Prosthesis: Laser STAMP. Lecture presented at *Otologic & Neurotologic Surgery Course*: St. Louis, MO, November 6, 2011.
- Jackson LE. Labyrinthectomy and Vestibular Nerve Section. Lecture presented at *Otologic & Neurotologic Surgery Course*: St. Louis, MO, November 6, 2011.
- Jackson LE. Stapedotomy Minus Prosthesis: Laser STAMP. Lecture presented at *Endoscopic Ear Surgery and Advanced Otology Workshop*: St. Louis, MO, October 27, 2012.
- Jackson LE. Vestibular Nerve Section and Labyrinthectomy. Lecture presented at *Endoscopic Ear Surgery and Advanced Otology Workshop*: St. Louis, MO, October 27, 2012.
- Jackson LE. Treatment of Meniere's Disease. Lecture presented at *Texas Medical Association/Texas Association of Otolaryngology Annual Meeting*: San Antonio, TX, May 17, 2013.
- Jackson LE. Stapedotomy Minus Prosthesis: Laser STAMP. Lecture presented at *Endoscopic Ear Surgery and Advanced Otology Workshop*: St. Louis, MO, November 2, 2013.
- Jackson LE. Vestibular Nerve Section and Labyrinthectomy. Lecture presented at *Endoscopic Ear Surgery and Advanced Otology Workshop*: St. Louis, MO, November 3, 2013.
- Jackson LE. Stapedotomy Minus Prosthesis: Laser STAMP. Lecture presented at *Endoscopic Ear Surgery and Advanced Otology Workshop*: St. Louis, MO, November 22, 2014.
- Jackson LE. Vestibular Nerve Section and Labyrinthectomy. Lecture presented at *Endoscopic Ear Surgery and Advanced Otology Workshop*: St. Louis, MO, November 23, 2014.
- Jackson LE. Treatment of Ménière's Disease. Lecture presented for *Grand Rounds* for Otolaryngology Department at University of Texas Health Science Center at San Antonio: San Antonio, TX, December 2, 2014.
- Jackson LE. Inner Ear Perfusion Techniques. Lecture presented at *Endoscopic Ear Surgery and Advanced Otology Workshop*: St. Louis, MO, November 14, 2015.
- Jackson LE. Canal Wall Down Mastoidectomy. Lecture presented at *Endoscopic Ear Surgery and Advanced Otology Workshop*: St. Louis, MO, November 14, 2015.
- Jackson LE. Vestibular Nerve Section and Labyrinthectomy. Lecture presented at *Endoscopic Ear Surgery and Advanced Otology Workshop*: St. Louis, MO, November 15, 2015.

Jackson LE. Ménière's Disease. Lecture presented for *Grand Rounds* for Otolaryngology Department at San Antonio Military Medical Center (SAMMC): San Antonio, TX, January 12, 2016.