

## CURRICULUM VITAE

Eric P. Wilkinson MD FACS

### Personal Information

Full name: Eric Peter Wilkinson

Current Position/ Staff Surgeon and Associate, House Clinic  
Work Address: 2100 W. Third Street, #111  
Los Angeles, CA 90057

Clinical Assistant Professor  
University of Southern California Keck School of Medicine

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Marital Status: Married  
Languages Spoken: English, Spanish, Portuguese

### Certification and Licensure

USMLE Step 1 (6/1999)  
USMLE Step 2 (1/2001)  
USMLE Step 3 (4/2002)  
DEA Certification (9/2002-present)

Board Certification (Diplomate), **Otolaryngology: American Board of Otolaryngology**, 5/18/2007  
Subspecialty Board Certification (Diplomate), **Neurotology: American Board of Otolaryngology**, 6/1/2010

California Medical License #A92113, Date of Licensure 7/8/2005

## **Hospital/Surgery Center Privileges**

St. Vincent Medical Center, Los Angeles, CA (Attending Surgeon)  
Los Angeles County-USC Medical Center, Los Angeles, CA (Attending Surgeon)  
Good Samaritan Hospital, Los Angeles, CA (Attending Surgeon)  
Childrens Hospital Los Angeles, Los Angeles, CA (Attending Surgeon)  
La Veta Surgical Center, Orange, CA (Attending Surgeon)

## **Education**

Arizona State University, Tempe, AZ  
Bachelor of Science in Engineering, summa cum laude  
Electrical Engineering  
May 1997

Stanford University School of Medicine, Stanford, CA  
Doctor of Medicine  
June 2001

## **Postgraduate Training**

Maricopa Medical Center, Phoenix, AZ  
Department of Surgery  
Internship in General Surgery  
June 2001-June 2002

University of Iowa Hospitals and Clinics, Iowa City, IA  
Department of Otolaryngology-Head and Neck Surgery  
Residency in Otolaryngology  
July 2002-July 2005

University of Iowa Hospitals and Clinics, Iowa City, IA  
Department of Otolaryngology-Head and Neck Surgery  
Chief Residency in Otolaryngology  
July 2005-July 2006

House Ear Clinic and House Ear Institute, Los Angeles, CA  
Clinical Fellowship in Otolaryngology, Neurotology, and Skull Base Surgery  
July 2006-July 2008

## Bibliography

### Papers:

Friedman RA, Goddard J, **Wilkinson EP**, Schwartz MS, Slattery WH 3<sup>rd</sup>, Fayad JN, Brackmann DE. **Hearing preservation with the middle cranial fossa approach for neurofibromatosis type 2.** *Otology and Neurotology* 2011 Dec;32(9):1530-7.

Santos F, Linthicum FH, House JW, **Wilkinson EP**. **Histopathologic markers of hearing loss in intralabyrinthine schwannomas: implications for management.** *Otology and Neurotology* 2011 Dec;32(9):1542-7.

**Wilkinson EP**, Hoa M, Slattery WH, Fayad JN, Friedman RA, Brackmann DE. **Evolution in the management of facial nerve schwannoma.** *Laryngoscope* 2011 Oct;121(10):2065-74.

Brackmann DE, Schwartz MS, **Wilkinson EP**, Go JL, Santos F. **Trigeminal neuralgia resulting from auditory brainstem implant cable compression.** *J Neurosurg* 2011 Jan;114(1):186-8.

**Wilkinson EP**, Luxford WM, Slattery III WH, De la Cruz A, House JW, Fayad JN: **Single vertical incision for Baha implant surgery: Preliminary results.** *Otolaryngol Head Neck Surg* 2009 Apr;140(4):573-8.

Dogru S, **Wilkinson EP**, Robinson RA, Smith RJ. **Middle ear adenoma with neuroendocrine differentiation (MEA-ND) in the pediatric population.** *Int J Pediatr Otorhinolaryngol* 2009 Mar 18.

**Wilkinson EP**, House JW: **Extruding stapes prosthesis.** *ENT Journal* 2009;88(1):718.

Otto SR, Shannon RV, **Wilkinson EP**, Hitselberger WE, McCreery DB, Moore JK, Brackmann DE: **Audiological outcomes with the penetrating electrode auditory brainstem implant.** *Otology and Neurotology* 2008 Dec;29(8):1147-54.

**Wilkinson EP**, Friedman RA: **Acute suppurative otitis media.** *ENT Journal* 2008;87(5):250.

House JW, **Wilkinson EP**: **External auditory exostoses: Evaluation and treatment.** *Otolaryngol Head Neck Surg* 2008;138(5):672-8.

**Wilkinson EP**, Liu GC, Friedman RA: **Correction of progressive hearing loss in superior canal dehiscence syndrome.** *Laryngoscope* 2008;118(1):10-13.

Taljebini M, **Wilkinson EP**, Fayad JN: **Myringostapediopexy after tympanomastoidectomy.** *ENT Journal* 2007;86(9):532.

**Wilkinson EP**, Meyer TA, Rubinstein JT: **Spontaneous otogenic pneumocephalus managed with the middle fossa approach.** *Acta Otolaryngologica* 2007;172(8):892-896.

**Wilkinson EP**, Fayad JN: **Allergic contact dermatitis of the auricle.** *ENT Journal* 2007;86(5):260.

**Wilkinson EP**, Robinson RA, Trask DK: **Skull base thrombotic mycosis.** *ENT Journal* 2007;86(3):137.

**Wilkinson EP**, Hansen MR, Tschirhart DL, De la Cruz A: **Cavernous hemangioma of the endolymphatic sac.** *Otology and Neurotology* 2006;27:1203-1204.

Meyer TA, Canty PA, **Wilkinson EP**, Hansen MR, Rubinstein JT, Gantz BJ: **Small acoustic neuromas: Surgical outcomes versus observation or radiation.** *Otology and Neurotology* 2006;27(3):380-392.

Gantz BJ, **Wilkinson EP**, Hansen MR: **Canal wall reconstruction tympanomastoidectomy with mastoid obliteration.** *Laryngoscope* 2005;115(10):1734-1740.

**Wilkinson EP**, Dogru S, Meyer TA, Gantz BJ: **Cochlear implant magnet migration.** *Laryngoscope* 2004;114:2009-2011.

Shahidi R, Bax MR, Maurer CR Jr, Johnson JA, **Wilkinson EP**, Wang B, West JB, Citardi MJ, Manwaring KH, Khadem R: **Implementation, calibration, and accuracy testing of an image-enhanced endoscopy system.** *IEEE Transactions on Medical Imaging* 2002;21(12):1524-1535.

**Wilkinson EP**: **The evolution of the physician's role.** *JAMA* 2001;285(17):2248.

Khadem R, Yeh CC, Sadeghi-Tehrani M, Bax MR, Johnson JA, Nerney Welch J, **Wilkinson EP**, Shahidi R: **Comparative tracking error analysis of five different optical tracking systems.** *Comput Aided Surg* 2000;5(2):98-107.

Weisberg SP, **Wilkinson EP**: **The application of preventive medicine to the control of violence.** *JAMA* 2000;283(9):1198.

**Wilkinson EP, Shahidi R, Wang B, Martin DP, Adler JR, Steinberg GK: Remote-rendered 3D CT angiography (3DCTA) as an intraoperative aid in cerebrovascular neurosurgery.** *Comput Aided Surg* 1999;4(5):256-263.

*Conference Proceedings, Abstracts, and Other Presentations:*

Hoa M, **Wilkinson EP**, House JW. **Lateral graft tympanoplasty: A historical legacy of the House Ear Clinic.** Oral presentation to the Otolaryngology Historical Society of the American Academy of Otolaryngology-Head and Neck Surgery. (Boston, MA, September 27, 2010.)

Slattery WH III, **Wilkinson EP.** **Ear pressure and pain.** Instruction course at the American Academy of Otolaryngology-Head and Neck Surgery Annual Meeting (Boston, MA, September 26-29, 2010).

**Wilkinson EP. Síndrome de deshiscencia del canal semicircular superior.** Lecture at the 31<sup>st</sup> Congress of the Argentine Society of Otorhinolaryngology. (Buenos Aires, Argentina, August 18-21, 2010).

**Wilkinson EP. Schwannomas del nervio facial: cambio de paradigmas.** Lecture at the 31<sup>st</sup> Congress of the Argentine Society of Otorhinolaryngology. (Buenos Aires, Argentina, August 18-21, 2010).

**Wilkinson EP: Lateral graft tympanoplasty, Canal wall up tympanomastoidectomy, Canal wall down tympanomastoidectomy.** Temporal Bone Course, Hospital Nacional de San Marcos. (Lima, Peru, May 23-25, 2010.)

**Wilkinson EP: Lateral graft tympanoplasty.** Lecture at the Centenary Celebration of the Garcia-Ibanez Institute 100th Temporal Bone Course. (Barcelona, Spain, November 6, 2009.)

**Wilkinson EP: History of the House Ear Institute.** Lecture at the Catalonian Society of Otolaryngology. (Barcelona, Spain, November 5, 2009.)

**Wilkinson EP: Single vertical incision for bone-anchored hearing aid (BAHA) surgery.** XIX World Congress of Otorhinolaryngology – IFOS 2009. (Sao Paulo, Brazil, June 1-5, 2009.)

**Wilkinson EP: Surgical treatment of vertigo.** XIX World Congress of Otorhinolaryngology – IFOS 2009. (Sao Paulo, Brazil, June 1-5, 2009.)

Wagner R, Sandoval M, **Wilkinson EP: How to develop a sustainable humanitarian program in a developing country.** XIX World Congress of Otorhinolaryngology – IFOS 2009. (Sao Paulo, Brazil, June 1-5, 2009.)

Slattery III WH, **Wilkinson EP: Facial translocation for hypoglossal-facial anastomosis.** Oral presentation, XI International Facial Nerve Symposium. (Rome, Italy, April 25-28, 2009.)

Brackmann DE, **Wilkinson EP**, Slattery III WH: **Treatment of facial nerve neuromas: A paradigm shift.** Oral presentation, XI International Facial Nerve Symposium. (Rome, Italy, April 25-28, 2009.)

**Wilkinson EP: Lateral graft tympanoplasty, Canal wall up tympanomastoidectomy, Canal wall down tympanomastoidectomy.** Temporal Bone Course, Hospital Nacional de San Marcos. (Lima, Peru, March 7-10, 2009.)

**Wilkinson EP**, Luxford WM, Slattery III WH, De la Cruz A, House JW, Fayad JN: **Single vertical incision for BAHA: Preliminary results.** Oral Presentation to the American Academy of Otolaryngology-Head and Neck Surgery Annual Meeting. (Chicago, IL, September 21-24, 2008.)

Otto SR, **Wilkinson EP**, Shannon RV, Brackmann DE, Hitselberger WE, McCreery DB, Moore JK: **Audiological outcomes with the penetrating electrode auditory brainstem implant.** Oral presentation to the American Neurotology Society 2008 Annual Meeting at COSM. (Orlando, FL, May 2-3, 2008.)

**Wilkinson EP**, Fayad JN: **Bone marrow in the cochlea: A unique presentation of cochlear ossification.** Poster presentation. 2008 Western Section meeting of the Triological Society. (Rancho Mirage, CA, January 31-February 2, 2008.)

House JW, **Wilkinson EP.** **External auditory exostoses: Evaluation and treatment.** Oral presentation to the American Academy of Otolaryngology-Head and Neck Surgery Annual Meeting. (Washington, DC, September 16-19, 2007.)

**Wilkinson EP**, Dogru S, Robinson RA, Smith RJH: **Middle ear adenoma with neuroendocrine differentiation (MEA-ND) in the pediatric population.** Poster presentation. American Society of Pediatric Otolaryngology 2006 Annual Meeting at COSM. (Chicago, IL, May 19-21, 2006.)

**Wilkinson EP: The Development and FDA Approval of Cochlear Implantation as a Model for Technological Advances in Medicine.** Oral presentation to the Otolaryngology Historical Society of the American Academy of Otolaryngology-Head and Neck Surgery. (Los Angeles, CA, September 26, 2005.)

Smith RB, Geelan-Hansen K, **Wilkinson EP**, Nerad J, Chang K: **Lacrimal Sac Neoplasms.** Poster presentation. American Academy of Otolaryngology-Head and Neck Surgery 2005 Annual Meeting. (Los Angeles, CA, September 25-28, 2005.)

Gantz BJ, **Wilkinson EP**, Hansen MR: **Canal wall reconstruction and mastoid obliteration tympanomastoidectomy: Seven years of experience.** Oral presentation to the 2005 Meeting of the Triological Society at COSM. (Boca Raton, FL, May 14-15, 2005.)

Meyer TA, Canty PA, **Wilkinson EP**, Hansen MR, Rubinstein JT, Gantz BJ: **Small Acoustic Neuromas: Observation Versus Surgical Excision.** Oral presentation to the 2005 Meeting of the American Neurotology Society at COSM. (Boca Raton, FL, May 14-15, 2005.)

**Wilkinson EP**, Meyer TA, Rubinstein JT: **Spontaneous otogenic pneumocephalus managed with the middle fossa approach.** Poster presentation. American Academy of Otolaryngology-Head and Neck Surgery 2004 Annual Meeting. (New York, NY, September 19-22, 2004.)

Gantz BJ, **Wilkinson EP**, Hansen MR: **Iowa experience with canal wall reconstruction and mastoid obliteration tympanomastoidectomy: Initial results in 100 patients.** Seventh International Conference on Cholesteatoma and Ear Surgery. (The Hague, Netherlands, Jun 22-26, 2004.)

Bax MR, Khadem R, Johnson JA, **Wilkinson EP**, Shahidi R: **Calibration and accuracy testing for image-enhanced endoscopy.** In: JD Westwood, HM Hoffman, RA Robb, D Stredney, eds. *Medicine Meets Virtual Reality (MMVR) 2002.* Amsterdam: IOS Press, 2002, pp. 52-56. (Newport Beach, CA, Jan 23-26, 2002.) Also at: *Stud Health Technol Inform* 2002;85:52-6.

Bax MR, Khadem R, Johnson JA, **Wilkinson EP**, Shahidi R: **Image-enhanced endoscopy calibration and image registration accuracy testing.** *Medical Imaging 2002: Visualization, Display, and Image-Guided Procedures, Proc. SPIE* 4681: 119-126, 2002. (San Diego, CA, Feb 23-28, 2002.)

Khadem R, Bax MR, Johnson JA, **Wilkinson EP**, Shahidi R: **Endoscope calibration and accuracy testing for 3D/2D image registration.** *Proceedings of Medical Image Computing and Computer-Assisted Intervention (MICCAI), Lecture Notes in Computer Science* vol. 2208, Springer-Verlag, pp. 1361-1362. (Utrecht, Netherlands, Oct 14-17, 2001.)

**Wilkinson EP**, Abbasi H, Shahidi R, Martin DP: **Clinical experience with commercially available neurosurgical navigation systems at Stanford.** *Proceedings of Computer Assisted Radiology and Surgery* 2000:971. (San Francisco, CA, Jun 28-Jul 1, 2000.)

Khadem R, Sadeghi-Tehrani M, Yeh CC, Bax MR, Johnson JA, Nerney Welch J, **Wilkinson EP**, Shahidi R: **Comparative tracking error analysis of five different optical tracking systems**. Proceedings of Computer Assisted Radiology and Surgery 2000:988. (San Francisco, CA, Jun 28-Jul 1, 2000.)

**Wilkinson EP**, Shahidi R, Wang B, Steinberg GK: **An intraoperative volume rendering system for cerebrovascular neurosurgery**. Medicine Meets Virtual Reality Conference Program 1999;7:93-94. (San Francisco, CA, Jan 20-23, 1999.)

Shahidi R, Adler JR, Wang B, **Wilkinson EP**, Steinberg GK: **Three-dimensional image guided stereotactic endoscopy**. Annual Meeting of Congress of Neurological Surgeons Program 1998;48:857. (Seattle, WA, Oct 3-8, 1998.)

**Wilkinson EP**: **Oversampling for region-of-interest computed tomography**. Lawrence Livermore National Laboratory Report 1991;10015:72-74.

Books and Book Chapters:

**Wilkinson EP**, Fayad JN, Luxford WM: **Pediatric cochlear implantation: surgical aspects**. In: Clinical Management of Children with Cochlear Implants. Eisenberg LS, editor. Plural Publishing, 2009.

Brackmann DE, Rodgers GK, **Wilkinson EP**. **Management of postoperative cerebrospinal fluid leaks**. In: Otologic Surgery, 3<sup>rd</sup> ed. Brackmann DE, Shelton C, Arriaga MA, eds. WB Saunders Co., Philadelphia, 2009.

**Wilkinson EP**, Luxford WM: **Hypoglossal-facial anastomosis**. In: Otologic Surgery, 3<sup>rd</sup> ed. Brackmann DE, Shelton C, Arriaga MA, eds. WB Saunders Co., Philadelphia, 2009.

Brackmann DE, Giddings NA, **Wilkinson EP**: **Drainage procedures for petrous apex lesions**. In: Otologic Surgery, 3<sup>rd</sup> ed. Brackmann DE, Shelton C, Arriaga MA, eds. WB Saunders Co., Philadelphia, 2009.

Gantz BJ, Gubbels SP, **Wilkinson EP**: **Canal wall reconstruction tympanomastoidectomy**. In: Otologic Surgery, 3<sup>rd</sup> ed. Brackmann DE, Shelton C, Arriaga MA, eds. WB Saunders Co., Philadelphia, 2009.

**Wilkinson EP**, Fayad JN: **Cochlear implantation**. In: Comprehensive Ear Surgery, New Delhi, India, in preparation.

Kush SJ, Zeiger R, **Wilkinson EP**, et al: USMLE step 1: **The Stanford solutions to the NBME computer-based sample test questions**. Planet Med Publishing, Palo Alto, CA, 1999.

## **Board Memberships**

Board of Directors, Global ENT Outreach (<http://www.geoutreach.org>)  
[Nonprofit foundation performing ear and hearing humanitarian work]

## **Editorial Activities**

Reviewer, *Annals of Otolaryngology, Rhinology, and Laryngology*  
Reviewer, *Archives of Otolaryngology-Head and Neck Surgery*  
Reviewer, *Otolaryngology-Head and Neck Surgery*  
Reviewer, *Otology and Neurotology*  
Reviewer, *Laryngoscope*

## **Grants, Awards, and Honors**

NIH ARRA Administrative Supplement, 3R01DC004993-08S109, "Audio Processing for Cochlear Implants," July 2009-June 2010. Total Award \$191,566.  
Stryker-Leibinger Fellow Travel Award, AAO-HNS Annual Meeting 2007 (\$500)  
Humanitarian Resident Travel Grant, American Academy of Otolaryngology-Head and Neck Surgery Foundation 2007 (\$1,000)  
Alfreda Van Wart Resident Research Award, University of Iowa Department of Otolaryngology-Head and Neck Surgery 2004 (\$250)  
History and Archives Research Grant, American Academy of Otolaryngology-Head and Neck Surgery Foundation 2004 (\$1,000)  
Ortho-McNeil and Stryker-Leibinger Resident Travel Award, AAO-HNS Annual Meeting 2004 (\$600)  
Ortho-McNeil Resident Travel Award, AAO-HNS Annual Meeting 2003 (\$600)  
Physician's Recognition Award, American Medical Association 2002  
Stanford University Medical Scholars Grant 1998 (\$10,000)

## **Courses Attended**

Head and Neck Laser Course, University of Iowa, June 2003  
Head and Neck Oncology and Reconstruction Course, University of Iowa, June 2004  
Pediatric Airway Endoscopy Course, University of Iowa, April-May 2005  
Advanced Sinus Surgery Course, University of Iowa, June 2005  
University of Michigan Temporal Bone Course, October 2005  
Anspach Advanced Neurotology and Neurosurgery Course, November 2005  
House Ear Institute Temporal Bone Surgical Dissection Course, October 2006  
Advanced Endoscopic Sinus Surgery and Eustachian Tube Surgery,  
Massachusetts Eye and Ear Infirmary, Boston, MA, April 22-23, 2010

Principles and Practice of Gamma Knife Radiosurgery, University of Pittsburgh  
Medical Center, Pittsburgh, PA, June 7-11, 2010

### **Courses Taught**

University of San Marcos, Lima, Peru Temporal Bone Dissection course  
(1x/year)  
House Ear Institute, Temporal Bone Dissection Courses, 2006-current (5x/year)  
House Ear Institute/Cochlear Corporation, Auditory Brainstem Implant Training  
Course, November 2008

### **Society Memberships**

American Neurotology Society  
American Auditory Society  
Member, North American Skull Base Society  
Fellow, American Academy of Otolaryngology-Head and Neck Surgery  
Fellow, American College of Surgeons  
World Association of Medical Editors (WAME)  
Tau Beta Pi Engineering Honor Society  
Eta Kappa Nu Electrical Engineering Honor Society