

Harrison W. Lin
Curriculum Vitae

Date prepared:
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Office Address:
UC Irvine Medical Center
101 The City Drive South
Building 56, Suite 500
Orange, CA 92868
(714) 456-7017

Board Examinations

Time	Exam	Status
Sept 2012	American Board of Otolaryngology, Written Exam	Pass
April 2013	American Board of Otolaryngology, Oral Exam	Pass

Education

Year	Degree	Field of Study	Institution
1995-1999	BA, <i>cum laude</i>	Biology	Harvard University
2000-2005	MD, <i>AΩA</i>	Medicine	University of Southern California

Postdoctoral Training

Year	Title	Specialty	Institution
2005-2006	Intern	General Surgery	Brigham & Women's Hospital
2006-2012	Resident	Otolaryngology-Head & Neck Surgery	Harvard Medical School Combined Program in Otolaryngology
2012-2014	Fellow	Neurotology & Skull Base Surgery	University of California at San Diego and Southern California Permanente Medical Group

Academic or Hospital Appointments

Year	Title	Department	Institution
2005-2006	Intern	General Surgery	Brigham & Women's Hospital
2006-2012	Resident	Otolaryngology-Head Neck & Surgery	Harvard Medical School
2012-2014	Fellow	Otolaryngology-Head Neck & Surgery	University of California at San Diego and Southern California Permanente Medical Group
2014-	Assistant Professor	Otolaryngology-Head Neck & Surgery	University of California, Irvine

Committee Service

Local

2008-2012	Operating Room Committee	Massachusetts Eye and Ear Infirmary
2009-2012	Graduate Medical Education Committee	Massachusetts Eye and Ear Infirmary

National

2008-2009	Physician Research Training Committee	Association for Research in Otolaryngology
2009-2012	Residency representative, Section for Residents and Fellows	American Academy of Otolaryngology – Head & Neck Surgery

Editorial Activities

Ad Hoc Reviewer

Archives of Diseases in Childhood
Head & Neck Pathology
Journal of Pediatric Surgery
Otology & Neurotology
Skull Base

Honors and Prizes

1996-1999	Harvard College Scholarship, Harvard University
1996-1999	Dean's List for Academic Achievement, Harvard University
2000-2005	Dean's List for Academic Achievement, University of Southern California
2003-2005	Tio Family Academic Scholarship, University of Southern California
2004	Research Training Fellowship Award (\$39,000), Howard Hughes Medical Institutes
2005	Alpha Omega Alpha, University of Southern California
2009	William W. Montgomery Resident Research Award (\$500), Triological Society Eastern Section Meeting
2009	Olympus Clinical Research Paper Prize, Third Place (\$1,500), American Academy of Otolaryngology – Head & Neck Surgery Annual Meeting
2010	Third Place Poster Prize, Triological Society Combined Sections Meeting
2013	William W. Montgomery Resident Research Award, Triological Society Combined Sections Meeting

Report of Work on Funded and Unfunded Projects

Past Funded Projects

1998-1999	NIH/NIAID PI: Don C. Wiley, Ph.D. Harvard Medical School, Boston, MA Ebola virus membrane protein analysis
1999-2000	NIH/NIAID PI: Warner C. Greene, M.D., Ph.D. University of California, San Francisco Dynamic disruptions in nuclear envelope architecture and integrity induced by HIV-1 Vpr
2003-2004	NIH/NIDCD (HHMI-NIH Research Scholars Program) PI: Bechara Kachar, M.D. Bethesda, MD Hair cell stereocilia and tight junction protein function and dynamics

2006-2008 NIH/NIDCD (T32 Postdoctoral grant)
PI: M. Charles Liberman, Ph.D.
Primary neural degeneration in the guinea pig cochlea after reversible noise-induced threshold shift

Report of Local Teaching and Training

Teaching of Students in Courses

2007-2012 HMS Patient-Doctor II Otolaryngologic Examination

Formal Teaching of Peers

2007 Management of frontal sinusitis. Education Conference, Massachusetts Eye and Ear Infirmary

2009 Lesions of the petrous apex. Education Conference, Massachusetts Eye and Ear Infirmary

2009 Medical errors in otolaryngology. M&M Conference, Massachusetts Eye and Ear Infirmary

2009 Management of traumatic laceration of the carotid artery. M&M Conference, Brigham & Women's Hospital

2009 Management of pharyngoesophageal perforation following endoscopic Zenker's diverticulectomy. M&M Conference, Brigham & Women's Hospital

2010 Pediatric atypical mycobacteria infections. Otolaryngology Combined Conference, Children's Hospital, Boston

2010 Pediatric and adult subglottic stenosis. Otolaryngology Combined Conference, Children's Hospital, Boston

2010 Acute otitis externa. Fellows' Conference, Children's Hospital, Boston

2010 Pulmonary embolism in otolaryngology. M&M Conference, Massachusetts Eye and Ear Infirmary

2010 Wound infections in head and neck surgery. M&M Conference, Massachusetts Eye and Ear Infirmary

2010 Local reconstructive flaps. Education Conference, Massachusetts Eye and Ear Infirmary

2011 Indications for cochlear reimplantation surgery. M&M Conference, Massachusetts Eye and Ear Infirmary

2011 Multifocal granular cell tumor. Otolaryngology Combined Conference, Children's Hospital, Boston

2011 Radiation oncology. Education Conference, Massachusetts Eye and Ear Infirmary

2011 Lesions of the lateral skull base. Clinopathological Conference, Massachusetts Eye and Ear Infirmary

2012 Tissue expanders. M&M Conference, Massachusetts Eye and Ear Infirmary

2012 Benign vocal fold lesions. Education Conference, Massachusetts Eye and Ear Infirmary

2012 Neurofibromatosis type 2 and auditory brainstem implants. Fellow's Conference, UC San Diego

2013 Eustachian tube surgery. Fellow's Conference, UC San Diego

2013 Superior semicircular canal dehiscence. Fellow's Conference, UC San Diego

2013	Temporal bone anatomy: Rhoton 3D. Fellow's Conference, UC San Diego
2013	Skull base radiology. Fellow's Conference, UC San Diego
2013	Temporal bone radiology. Fellow's Conference, UC San Diego
2013	Vestibular system: anatomy, pathology and treatment. Fellow's Conference, UC San Diego
2014	History of the mastoidectomy. Fellow's Conference, UC San Diego
2014	Carcinoma of the temporal bone. Grand Rounds, Division of Head & Neck Surgery, UC San Diego
2014	Management of facial paralysis. Fellow's Conference, UC San Diego

Report of Scholarship

Peer Reviewed Publications

1. de Noronha CM, Sherman MP, **Lin HW**, Cavrois MV, Moir RD, Goldman RD, Greene WC. Dynamic disruptions in nuclear envelope architecture and integrity induced by HIV-1 Vpr. *Science* 294, 1105 (2001)
2. DeMeester SR, Sillin LF, **Lin HW**, Gurski RR. Increasing esophageal length: a comparison of laproscopic versus transthoracic esophageal mobilization with and without vagal trunk division in pigs. *Journal of the American College of Surgeons* 197, 558 (2003)
3. Leong PK, Yang LE, **Lin HW**, Holstein-Rathlou NH, McDonough AA. Acute hypotension induced by aortic clamp vs. PTH provokes distinct proximal tubule Na⁺ transporter redistribution patterns. *American Journal of Physiology - Regul Integr Comp Physiol* 287, R878 (2004)
4. Cunningham CC, Friedman RA, Brackmann DE, Hitselberger WE, **Lin HW**. Neurotologic skull base surgery in pediatric patients. *Otology & Neurotology* 26, 231 (2005)
5. **Lin HW**, Schneider ME, Kachar B. When size matters: the dynamic regulation of stereocilia lengths. *Current Opinion in Cell Biology* 17, 55 (2005)
6. Nunes FD*, Lopez LN*, **Lin HW**,* Azevedo R, Davies C, Gow A, Kachar B. Distinct subdomain organization and molecular composition of a tight junction with adherens junction features. *Journal of Cell Science* 119, 4819 (2006) * co-first authors
7. **Lin HW**, Bhattacharyya N. Staging and survival analysis for nonsquamous cell carcinomas of the larynx. *Laryngoscope* 118, 1003 (2008)
8. **Lin HW**, O'Neill A, Cunningham MJ. Ludwig's angina in the pediatric population. *Clinical Pediatrics* 48, 583 (2009)
9. **Lin HW**, Bhattacharyya N. Survival impact of nodal disease in hard palate and maxillary alveolus cancer. *Laryngoscope* 119, 312 (2009)
10. **Lin HW**, Bhattacharyya N. Diagnostic and staging accuracy of MRI versus CT in sinonasal disease. *American Journal of Rhinology & Allergy* 23, 36 (2009)
11. **Lin HW**, Wieland AM, Ostrower ST. Child abuse presenting as oral cavity bruising. *Otolaryngology-Head & Neck Surgery* 141, 290 (2009)
12. **Lin HW**, Bhattacharyya N. Incidence of perioperative airway complications in patients with previous medialization thyroplasty. *Laryngoscope* 119, 675 (2009)
13. Bhattacharyya N, **Lin HW**. Prevalence and reliability of self-reported authorship disclosures in otolaryngology-head and neck surgery. *Otolaryngology-Head & Neck Surgery* 141, 311 (2009)
14. **Lin HW**, Bhattacharyya N. Survival analysis of treatment options for papillary microcarcinoma of the thyroid. *Laryngoscope* 119, 1983 (2009)

15. **Lin HW**, Quesnel AM, Holman AS, Curry WT, Rho MB. Hypertrophic anterior cervical osteophytes causing dysphagia and airway obstruction. *Annals of Otolaryngology, Rhinology & Laryngology* 118, 703 (2009)
16. **Lin HW**, Rho MB, Amin-Hanjani S, Barker F, Deschler DG. Glossopharyngeal and limited vagal neurectomy for cancer-related carotid sinus syncope. *Skull Base* 19, 369 (2009)
17. **Lin HW**, O'Neill A, Rahbar R, Skinner ML. Ludwig's angina following frenuloplasty in an adolescent. *International Journal of Pediatric Otorhinolaryngology* 73, 1313 (2009)
18. **Lin HW**, Aliphass A, Leonard DS. Membranous band of a first branchial cleft anomaly. *Otolaryngology-Head & Neck Surgery* 141, 420 (2009)
19. **Lin HW**, Bhattacharyya N. Clinical behavior of follicular variant of papillary thyroid carcinoma: presentation and survival. *Laryngoscope* 120, 172 (2010)
20. **Lin HW**, Lister MT, Deschler DG. Cystic masses of the supraclavicular fossa: clinical features and diagnostic strategies. *American Journal of Otolaryngology* 31, 435 (2010)
21. **Lin HW**, Kakarala K, Ostrower ST, Leonard DS. Laryngotracheobronchitis complicated by spontaneous pneumomediastinum. *International Journal of Pediatric Otorhinolaryngology* 74; 221 (2010)
22. **Lin HW**, Vakharia KT, Benjamin PK, Leonard DS. A convenient, practical adapter for bronchotracheoscopy through a tracheostomy tube in a ventilator-dependent patient. *Otolaryngology-Head & Neck Surgery* 142, 446 (2010)
23. **Lin HW**, Tierney HT, Richmon JD, Mark EJ, Deschler DG. Extrusion of embolization coils through the carotid artery in a heavily radiated neck. *Auris Nasus Larynx* 37, 390 (2010)
24. Bhattacharyya N, **Lin HW**. Changes and consistencies in the epidemiology of pediatric adenotonsillar surgery, 1996-2006. *Otolaryngology-Head & Neck Surgery* 143, 680 (2010)
25. **Lin HW**, Handzel O, Faquin WC, Gopen Q. Myospherulosis from antibiotic ointment in the postoperative mastoid space. *American Journal of Otolaryngology* 31, 205 (2010)
26. **Lin HW**, Richmon JD, Emerick KS, deVenecia RK, Zeitels SM, Faquin WC, Lin DT. Malignant transformation of a highly-aggressive HPV-11-associated recurrent respiratory papillomatosis. *American Journal of Otolaryngology* 31, 291 (2010)
27. **Lin HW**, Shargorodsky J, Gopen Q. Clinical strategies for the management of acute mastoiditis in the pediatric population. *Clinical Pediatrics* 49, 110 (2010)
28. Shargorodsky J, **Lin HW**, Gopen Q. Facial nerve palsy in the pediatric population. *Clinical Pediatrics* 49, 211 (2010)
29. Alsan MM, **Lin HW**. Tularemia presenting as a cervical abscess. *Otolaryngology-Head & Neck Surgery* 143, 311 (2010)
30. Manor U, Disanza A, Grati M, Andrade L, **Lin H**, Di Fiore PP, Scita, G, Kachar B. Regulation of stereocilia length by myosin XVa and whirlin depends on the actin-regulatory protein Eps8. *Current Biology* 21, 167 (2011)
31. **Lin HW**, Bhattacharyya N. Otologic diagnoses in the elderly: current utilization and predicted workload increase. *Laryngoscope* 121, 1504 (2011)
32. Hammon RJ, **Lin HW**, Sadow PM, Lin DT, Rocco JW. Pathology Quiz Case: Angiosarcoma of the scalp. *Archives of Otolaryngology-Head & Neck Surgery* 137, 198 (2011)
33. **Lin HW**, Silver AL, Cunnane ME, Sadow PM, Kieff DA. Lateral dermoid cyst of the floor of mouth: unusual radiologic and pathologic findings. *Auris Nasus Larynx* 38, 650 (2011)
34. **Lin HW**, Tieu DD, Ferrer K, Patel U, Reilly BK. Cervicothoracic malignant peripheral nerve sheath tumor. *Ear, Nose & Throat Journal* 90, 250 (2011)
35. Misono AS, **Lin HW**, Videira MM, Perez-Atayde AR, Ohlms LA. Pathology Quiz Case: Plexiform neurofibroma of the larynx. *Archives of Otolaryngology-Head & Neck Surgery* 137, 637 (2011)

36. Braunstein LZ, **Lin HW**, Faquin WC, Fay A, Gray ST. Pathology Quiz Case: Wegener's granulomatosis of the orbit. *Archives of Otolaryngology–Head & Neck Surgery* 137, 725 (2011).
37. Guo DP, Bergmark RW, **Lin HW**, Faquin WC, Frankenthaler RA. Pathology Quiz Case: Atypical fibroxanthoma. *Archives of Otolaryngology–Head & Neck Surgery* 137, 725 (2011).
38. Bergmark RW, Guo DP, **Lin HW**, Faquin WC, Young G, Saxon KG. Vagal nerve schwannoma. *Ear, Nose & Throat Journal* 90, 410 (2011)
39. Ajose-Popoola O, **Lin HW**, Teot LA, Silvera M, Madsen J, Meara JG, Rahbar R. Nasal glioma: prenatal diagnosis and multidisciplinary surgical approach. *Skull Base Reports* 1, 83 (2011)
40. **Lin HW**, Furman AC, Kujawa SG, Liberman MC. Primary neural degeneration in the guinea pig cochlea after reversible noise-induced threshold shift. *Journal of the Association for Research in Otolaryngology* 12, 605 (2011)
41. Naunheim MR, **Lin HW**, Faquin WC, Lin DT. Intercalated duct lesion of the parotid. *Head and Neck Pathology* 6, 373 (2012)
42. **Lin HW**, Reilly BK. Pseudoaneurysm of the superior thyroid artery following revision tracheostomy. *Laryngoscope* 122, 1641 (2012)
43. Naunheim M, Abbott MM, **Lin HW**, Faquin WC, Deschler DG. Pathology Quiz Case: Carcinoma ex pleomorphic adenoma, salivary duct carcinoma type, noninvasive. *Archives of Otolaryngology–Head & Neck Surgery* 138, 781 (2012)
44. Braunstein LZ, Roberts DS, **Lin HW**, King EE, Goguen LA. Pathology Quiz Case: Multifocal granular cell tumor. *Archives of Otolaryngology–Head & Neck Surgery* 138, 977 (2012)
45. Sethi RS, Kozin E, **Lin HW**, Faquin WC, Randolph GW. Pathology Quiz Case: Black thyroid. *Archives of Otolaryngology–Head & Neck Surgery* 138, 1093 (2012)
46. **Lin HW**, Bhattacharyya N. Contemporary morbidity and medical mortality in head and neck surgery. *Otolaryngology—Head & Neck Surgery* 146, 385 (2012)
47. **Lin HW**, Bhattacharyya N. Balance disorders in the elderly: epidemiology and functional impact. *Laryngoscope* 22, 1858 (2012)
48. Puram SV, Hasserjian RP, Faquin WC, **Lin HW**, Rocco JW. Castleman disease presenting in the neck: report of a case and review of the literature. *American Journal of Otolaryngology* 34, 239 (2013)
49. Chien W, **Lin HW**, Deschler DG. Serial suture ligation glossectomy for squamous cell carcinoma in the setting of a massive lymphovascular malformation. *Head & Neck* 35, E157 (2013)
50. Roberts DS, **Lin HW**, Herrmann BS, Lee DJ. Differential cochlear implant outcomes in older adults. *Laryngoscope* 123, 1952 (2013)
51. Roberts DS, **Lin HW**, Bhattacharyya N. Health care practice patterns for balance disorders in the elderly. *Laryngoscope* 123, 2539 (2013)
52. Patel SA, Chambers K, **Lin HW**, Faquin WC, Randolph GW. Pathology Quiz Case: An enlarging neck mass. *JAMA Otolaryngology–Head & Neck Surgery* 140, 175 (2014)
53. Battaglia A, Lualhati A, **Lin H**, Burchette R, Cueva R. A prospective, multi-centered study of the treatment of idiopathic sudden sensorineural hearing loss (ISSNHL) with combination therapy vs. high dose prednisone alone: a 139 patient follow-up. *Otology & Neurotology* 25, 1091 (2014)
54. **Lin HW**, Jung D, Lee LN, Sadow PM, Rocco JW. Solitary myofibroma of the oropharynx causing airway obstruction in an adult. *Ear Nose & Throat Journal* in press.
55. Misono AS, **Lin HW**, Lee LN, Ferry JA, Rocco JW. Cervical presentation of peripheral T-cell lymphoma, not otherwise specified. *Ear, Nose & Throat Journal* in press.
56. **Lin HW**, Roberts DS, Kay J, Stankovic KM. Sensorineural hearing loss following imatinib (Gleevec) administration. *Otolaryngology–Head & Neck Surgery* in press.

57. Garzorz N, Diercks GR, **Lin HW**, Faquin WC, Romo LV, Hartnick CJ. A case of pediatric parapharyngeal space ganglioneuroma. *Ear, Nose & Throat Journal* in press.
58. **Lin HW**, Bhattacharyya N. Impact of dizziness and obesity on the prevalence of falls and fall-related injuries. *Laryngoscope* in press.
59. Bhattacharyya N, **Lin HW**. Characteristics of otolaryngology claims to medicare in 2012. *Otolaryngology—Head & Neck Surgery* in press.

Non-Peer Reviewed Scientific or Medical Publications

1. **Lin HW**, Rocco JW. Molecular-targeted chemotherapy in head and neck squamous cell carcinoma. In *Signaling Pathways in Squamous Cancers, 1st edition*. Adam B. Glick & Carter Van Waes, editors. Springer: New York. (2011) 365-82.
2. **Lin HW**, Bhattacharyya N. Parotid mass. In *ACS Surgery: Principles & Practice, 7th edition*. Stanley W. Ashley, editor.
3. **Lin HW**, Herrmann BS, Lee DJ. Auditory brainstem implants. In *Cochlear Implants and Other Implantable Hearing Devices*. Michael J. Ruckenstein, editor. Plural: San Diego. (2012) 317-348.
4. **Lin HW**, Bhattacharyya N. Parotid mass. In *ACS Surgery: Principles & Practice, 8th edition*. Stanley W. Ashley, editor.
5. **Lin HW**, Alexander TH. Meniere's disease. In Korenstein D, Lynn R, eds. *ACP Smart Medicine*. [Internet]. Philadelphia: American College of Physicians; 2014. Available from: <http://smartmedicine.acponline.org/>

Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings

1. Leong PK, Yang LE, **Lin H**, McDonough AA. Internalization of NHE3 During Acute Hypertension Requires Intact RAS. *Poster at the 2002 FASEB Experimental Biology Meeting. April 20-24, 2002.*
2. DeMeester SR, Sillin LF, **Lin HW**, Hagen JA, Peters JH, DeMeester TR. Laparoscopic Mediastinal Esophageal Mobilization: Do You Gain Any Length? *Poster presentation at the 2002 SAGES World Congress. March 15, 2002.*
3. Rzadzinska AK, Schneider ME, Davies C, **Lin HW**, Kachar B. Dynamic Regulation of Stereocilia Structure and Renewal. *Oral presentation by Dr. Kachar at the 2004 Association for Research in Otolaryngology (ARO) Midwinter Meeting. February 22-26, 2004.*
4. Rzadzinska AK, Schneider ME, Davies C, **Lin HW**, Kachar B. An Actin Molecular Treadmill and Accessory Myosins Dynamically Maintain Stereocilia Functional Architecture and Self-Renewal. *Presentation by Dr. Kachar at the 2004 Hearing & Deafness Research Conference. September 30-October 2, 2004.*
5. **Lin HW**, Bhattacharyya N. Staging and survival analysis for nonsquamous cell carcinomas of the larynx. *Podium presentation at the 2008 Triological Society Eastern Section Meeting. January 26, 2008.*
6. Nguyen HT, **Lin HW**, Richmon JD, Deschler DG. Extrusion of embolization coils through the carotid artery in a heavily radiated neck. *Poster presentation at the 7th International Head and Neck Meeting, July 20, 2008.*
7. **Lin HW**, Richmon JD, Turbiner J, Lin DT, Deschler DG. Facial squamous cell carcinoma with metastatic breast cancer: a pathologic oddity. *Poster presentation at the 7th International Head and Neck Meeting, July 22, 2008.*

8. **Lin HW**, Bhattacharyya N. Diagnostic and staging accuracy of MRI versus CT in chronic rhinosinusitis. *Poster presentation at the 2008 American Academy of Otolaryngology – Head & Neck Surgery Annual Meeting. September 22, 2008*
9. Tierney HT, **Lin HW**, Holbrook EH, Franco RA, Pilch BZ, Lin DT. Regional spread of recurrent respiratory papillomatosis to bilateral cervical lymph nodes. *Poster presentation at the 2009 Triological Society Combined Middle and Southern Section Meeting. January 9, 2009.*
10. **Lin HW**, Richmon JD, Emerick KE, deVenecia RK, Zeitels SM, Faquin WC, Lin DT. Malignant transformation of a highly-aggressive HPV-11-associated recurrent respiratory papillomatosis. *Poster presentation at the 2009 Triological Society Combined Middle and Southern Section Meeting. January 9, 2009.*
11. **Lin HW**, Bhattacharyya N. Incidence of perioperative airway complications in patients with previous medialization thyroplasty. *Poster presentation at the 2009 Triological Society Eastern Section Meeting. January 22, 2009.*
12. **Lin HW**, Bhattacharyya N. Incidence of perioperative airway complications in patients with previous medialization thyroplasty. *Invited poster presentation at the 2009 Voice Foundation 38th Annual Symposium. June 4, 2009.*
13. Bhattacharyya N, **Lin HW**. Prevalence and reliability of self-reported authorship disclosures in otolaryngology – head and neck surgery. *Podium presentation at the 2009 American Academy of Otolaryngology – Head & Neck Surgery Annual Meeting. October 4, 2009.*
14. **Lin HW**, Bhattacharyya N. Clinical behavior of follicular variant of papillary thyroid carcinoma: presentation and survival. *Poster presentation at the 2010 Triological Society Combined Sections Meeting. February 4-7, 2010.*
15. **Lin HW**, Leung MK, Jakobiec FA, Har-El G, Metson RB. Endoscopic transnasal approach for diagnosis and management of orbital pseudotumor. *Poster presentation at the 2010 American Rhinological Society Spring Scientific Meeting, April 29, 2010.*
16. **Lin HW**, Silver AL, Cunnane ME, Sadow PM, Kieff DA. Lateral dermoid cyst of the floor of mouth: unusual radiologic and pathologic findings. *Poster presentation at the 2010 Triological Society Annual Meeting, April 29, 2010.*
17. Bhattacharyya N, **Lin HW**. Changes and consistencies in the epidemiology of pediatric adenotonsillar surgery, 1996-2006. *Poster presentation at the 2010 American Academy of Otolaryngology – Head & Neck Surgery Annual Meeting. September 26, 2010.*
18. **Lin HW**, Furman AC, Kujawa SG, Liberman MC. Noise-induced primary neural degeneration in guinea pig: does vulnerability depend on spontaneous discharge rate? *Poster presentation at the 2011 Association for Research in Otolaryngology (ARO) Midwinter Meeting. February 19-23, 2011.*
19. **Lin HW**, Bhattacharyya N. Otologic diagnoses in the elderly: current utilization and predicted workload increase. *Poster presentation at the 2011 Triological Society Annual Meeting. April 29, 2011.*
20. **Lin HW**, Bhattacharyya N. Otologic diagnoses in the elderly: current utilization and predicted workload increase. *Poster presentation at the 2011 Triological Society Eastern Section Resident Research Day. June 18, 2011.*
21. **Lin HW**, Bhattacharyya N. Contemporary morbidity and mortality in head and neck surgery. *Podium presentation at the 2011 American Academy of Otolaryngology – Head & Neck Surgery Annual Meeting. September 13, 2011.*
22. **Lin HW**, Bhattacharyya N. Balance disorders in the elderly: epidemiology and functional impact. *Poster presentation at the 2012 Triological Society Combined Sections Meeting, January 26, 2012.*
23. Quesnel AM, Sun S, Kristiansen AG, **Lin HW**, Belzner K, McKenna C, Sewell WF, McKenna MJ. Comparison of systemic versus local delivery of fluoroscein-conjugated bisphosphonate in

- the Guinea pig cochlea. *Poster presentation at the 2012 Association for Research in Otolaryngology (ARO) Midwinter Meeting. February 25-29, 2012.*
24. Roberts DS, **Lin HW**, Herrmann BS, Lee DJ. Differential cochlear implant outcomes in older adults. *Poster presentation at the 2013 Triological Society Annual Meeting, April 18-22, 2013.*
 25. Roberts DS, **Lin HW**, Bhattacharyya N. Health care practice patterns for balance disorders in the elderly. *Oral presentation (by D.S.R.) at the 2013 Triological Society Combined Sections Meeting, January 24, 2013.*
 26. Battaglia A, Lualhati A, **Lin H**, Burchette R, Cueva R. A prospective, multi-centered study of the treatment of idiopathic sudden sensorineural hearing loss (ISSNHL) with combination therapy vs. high dose prednisone alone: a 139 patient follow-up. *Oral presentation (by A.B.) at the 2014 American Neurotology Society Combined Sections Meeting, May 17, 2014.*

INVITED PRESENTATIONS

1. "Management of invasive fungal sinusitis." Grand Rounds, Division of Infections Disease, Massachusetts General Hospital, Boston MA. June 2010.
2. "Facial nerve paralysis and electrodiagnostic testing." UC Irvine Otolaryngology-Head & Neck Surgery Update. La Quinta, CA. February 17, 2014.
3. "What's new in hearing devices." UC Irvine Otology and Neurotology Update and Center for Hearing Research Symposium. Irvine, CA. June 14, 2014.
4. "What's new in cochlear implantation." UC Irvine Otology and Neurotology Update and Center for Hearing Research Symposium. Irvine, CA. June 14, 2014.
5. "Contemporary management of acoustic neuroms." UC Irvine Otology and Neurotology Update and Center for Hearing Research Symposium. Irvine, CA. June 14, 2014.

COURSES DIRECTED

June 2014	UC San Diego Temporal Bone Dissection Course, Balboa Navy Medical Center, San Diego, California
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COURSES ATTENDED

July 2007	American Academy of Otolaryngic Allergy Basic Course in Otolaryngic Allergy and Immunology, Victoria, British Columbia, Canada
February 2011	9 th Annual Masters Course in Skull Base Surgery, Department of Neurosurgery, University of South Florida, Tampa, Florida
April 2011	Midas Rex Institute Hands-on Workshop and the Temporal Bone and Audiology Workshop, Fort Worth, Texas
November 2011	Otologic and Neurotologic Surgery: A Hands-On Cadaver Workshop, St. Louis University, St. Louis, Missouri
December 2011	Principles of Operative Treatment of Craniomaxillofacial Trauma and Reconstruction, AO North America, San Diego, California
March 2012	Principles of Operative Treatment of Craniomaxillofacial Trauma and Reconstruction, AO North America, Boston, Massachusetts

January 2013

Synthes Anspach Approaches to the Skull Base, Senior Neurotology
Residents Course, West Palm Beach, Florida