

CURRICULUM VITAE

I. PERSONAL DATA

Name: Brian S. Chen

[REDACTED]
[REDACTED]

Citizenship: USA

[REDACTED]

Languages: English, Mandarin

Current Position: Residency Program Director
Otolaryngology- Head and Neck Surgery
Tripler Army Medical Center



II. EDUCATION

<u>Year</u>	<u>Degree</u>	<u>Institution</u>
2009	M.D.	Uniformed Services University of the Health Sciences, Bethesda, MD
2005	B.S.	United States Military Academy, West Point, NY

III. POST GRADUATE EDUCATION

<u>Year</u>	<u>Position</u>	<u>Institution</u>
2016	Fellowship, Neurotology	House Ear Clinic, Los Angeles, CA
2014	Residency, Otolaryngology	Madigan Army Medical Center, Tacoma, WA
2010	Internship, Otolaryngology	Madigan Army Medical Center, Tacoma, WA

IV. ACADEMIC APPOINTMENTS AT MEDICAL SCHOOLS

<u>Year</u>	<u>Position</u>	<u>Institution</u>
2016	Asst. Professor of Surgery	Uniformed Services University of the Health Sciences

V. MILITARY SERVICE

Status: Active Duty, Medical Corps, U.S. Army, Rank: Lieutenant Colonel

<u>Prior Assignments</u>	<u>Date</u>	<u>Duty Titles</u>
Tripler Army Medical Center	July 2021 to July 2023	Chief, Otolaryngology Service

	July 2018 to June 2021	Assistant Chief, Otolaryngology Medical Director, Audiology Services Director, Cochlear Implant Program Director, Temporal Bone Dissection Lab
William Beaumont AMC	July 2016 to July 2018	Chief, Otolaryngology Clinic Director, Cochlear Implant Program

VI. BOARD CERTIFICATION

<u>Certification Board(s)</u>	<u>Date</u>	<u>Number</u>
American Board of Otolaryngology, Neurotology Subspecialty	June 1, 2018	22474
American Board of Otolaryngology, General	June 1, 2015	22474

VII. STATE LICENSES

<u>License(s)</u>	<u>Date</u>	<u>Number</u>
Hawaii Medical License	8/13/2018	19923
Texas Medical License	11/30/2016	R0698
California Medical License	4/30/2014	A129615

VIII. MEMBERSHIP IN SCIENTIFIC SOCIETIES\PROFESSIONAL ORGANIZATIONS

Member, American Academy of Otolaryngology- Head and Neck Surgery Foundation
Fellow, American Neurotology Society
Member, Society of Military Otolaryngologists
House Clinic Alumni Group
The National Honor Society of Phi Kappa Phi

IX. AREAS OF RESEARCH INTEREST

Noise induced hearing loss
Vestibular Schwannoma – treatment outcomes
Meniere's Disease- Treatment and management

X. RESEARCH PROTOCOLS/GRANTS (most recent)

1. Computed Tomography Imaging as an Adjunct for Cadaveric Temporal Bone Dissection
Primary Investigator, TAMC IRB approved, ongoing
2. Evaluation of Intratympanic Corticosteroid vs Oral Corticosteroid in the Treatment of Acute Noise-Induced Hearing Loss
Primary Investigator, TAMC eIRB pending
3. Audiologic Injury Prophylaxis through Internal Jugular Vein Compression in US Military Personnel: A Prospective Randomized Clinical Trial
Primary Investigator, TAMC eIRB pending
4. Sensorineural Hearing Loss in Non-invasive Glomus Jugulare Tumors
Associate Investigator, St. Vincent's Medical Center, *Study complete*
5. Med-el Combi 40+ Auditory Brainstem Implant Compassionate Use Protocol
Co-Investigator, St. Vincent's Medical Center, *Study complete*
6. Tinnitus Suppression After Auditory Brainstem Implantation in Patients with Neurofibromatosis Type-2.
Associated Investigator, St. Vincent's Medical Center, *Study Complete*

XI. TEACHING ACTIVITIES FOR THE PAST FIVE YEARS

XIa. Local Teaching

1. Tripler Otolaryngology Residency Semi-Annual Temporal Bone Dissection Course (March 2021)
2. Tripler Otolaryngology Residency Semi-Annual Temporal Bone Dissection Course (November 2020)
3. Tripler Otolaryngology Subspecialty USUHS Medical Student Lecturer (July 2019 to January 2021)
4. Otolaryngology Update for the Primary Care, Tripler Army Medical Center
"Otagia" (September 2020)
5. Tripler Otolaryngology Residency Semi-Annual Temporal Bone Dissection Course (October 2019)
6. Otolaryngology Update for the Primary Care, Tripler Army Medical Center
"Tinnitus" (September 2019)
7. Tripler Otolaryngology Residency Semi-Annual Temporal Bone Dissection Course (March 2019)

8. Tripler Otolaryngology Residency Semi-Annual Temporal Bone Dissection Course (November 2018)
9. Otolaryngology Update for the Primary Care, Tripler Army Medical Center
"Otoscopy for the Primary Care Provider" (September 2018)
10. William Beaumont Army Medical Center Department of Anesthesia Grand Rounds
"Frontiers in Otology and Neurotology", El Paso, TX (March 2017)

XIb. Regional/National/International Teaching

1. UCSF Pacific Rim Otolaryngology- Head and Neck Surgery Update Conference, "Nuances in Lateral Graft Tympanoplasty", Honolulu, HI (February 2024)
2. UCSF Pacific Rim Otolaryngology- Head and Neck Surgery Update Conference, "Contemporary Management of Malignant Otitis Externa", Honolulu, HI (February 2024)
3. UCSF Pacific Rim Otolaryngology- Head and Neck Surgery Update Conference, "How to Prep and Ear for Surgery", Honolulu, HI (February 2024)
4. UCSF Pacific Rim Otolaryngology- Head and Neck Surgery Update Conference, "Abnormal Cause of Pulsatile Tinnitus", Honolulu, HI (February 2023)
5. UCSF Pacific Rim Otolaryngology- Head and Neck Surgery Update Conference, "Differential Diagnosis and Work-up of Ear Pain", Honolulu, HI (February 2023)
6. UCSF Pacific Rim Otolaryngology- Head and Neck Surgery Update Conference, "Obliterating the Mastoid", Honolulu, HI (February 2023)
7. UCSF Pacific Rim Otolaryngology- Head and Neck Surgery Update Conference, "Management of Attic Cholesteatomas", Honolulu, HI (February 2022)
8. UCSF Pacific Rim Otolaryngology- Head and Neck Surgery Update Conference, "Simple Cartilage Graft Technique", Honolulu, HI (February 2022)
9. UCSF Pacific Rim Otolaryngology- Head and Neck Surgery Update Conference, "Work-up and Differential Diagnosis of Pulsatile Tinnitus", Honolulu, HI (February 2022)
10. UCSF Pacific Rim Otolaryngology- Head and Neck Surgery Update Conference, "Patulous Eustachian Tube: Work-up and Management", Honolulu, HI (February 2022)
11. UCSF Pacific Rim Otolaryngology- Head and Neck Surgery Update Conference, "Non-Peripheral Vertigo", Honolulu, HI (February 2020)

12. UCSF Pacific Rim Otolaryngology- Head and Neck Surgery Update Conference, "Otosclerosis, Revisited", Honolulu, HI (February 2020)
13. UCSF Pacific Rim Otolaryngology- Head and Neck Surgery Update Conference, "How to get started with endoscopic ear surgery", Honolulu, HI (February 2019)
14. UCSF Pacific Rim Otolaryngology- Head and Neck Surgery Update Conference, "Lateral Graft Tympanoplasty", Honolulu, HI (February 2019)
15. San Antonio Military Medical Center 27th Annual Temporal Bone Course- Guest Faculty
Brook Army Medical Center, San Antonio, TX (February 2017)

XII. OTHER PROFESSIONAL ACTIVITIES

1. Journal reviewer: *Otology & Neurotology*
2. Journal reviewer: *International Journal of Pediatric Otorhinolaryngology*
3. Board member, Hawaii State Board of Speech Language Pathology and Audiology
4. Subject Matter Expert: Defense Health Agency standardization of cricothyroidotomy kits (March 2019)
5. Subject Matter Expert: Department of Defense Medical Examination Review Board (DODMERB) guidelines for 'Asymmetric hearing loss' working group (January 2020)

XIII. CLINICAL ACTIVITIES

1. Attending Neurotologist, Tripler Otolaryngology Residency: 4-5 days/week
2. Neurotologist- Hawaii Ear Clinic: 2 days/month
3. Neurotologist- Hawaii Permanente Medical Group: 1.5 days/month
4. Otolaryngologist- Queens Medical Center Emergency ENT and Trauma Call: 2 weeks/year
5. Neurotologist- Southwest Ear Nose and Throat Consultants: 2 weeks/year

XIV. COMMITTEES (national advisory, local hospital)

1. Hawaii State Board of Speech Language Pathology and Audiology: Otolaryngology Representative (Jul 2020 to present)

2. Tripler Otolaryngology Residency Clinical Competency Committee (July 2018 to present)
3. Tripler Data Quality Management Committee (Jan 2019- Jan 2020)

XV. HONORS AND AWARDS

XVa. Military Awards

1. Meritorious Service Medal, 1 OLC
2. Army Commendation Medal
3. Army Achievement Medal
4. Global War on Terrorism Medal
5. National Defense Service Medal
6. Army Service Ribbon
7. German Troop Proficiency Badge (Gold), 2004
8. Air Assault Wings, 2003
9. Association of the Army Award, 2005
10. Honor Graduate, United States Military Academy, 2005
11. Major Arthur Bonifas Memorial Award, 2005

XVb. Academic Awards

1. Army Medical Department "A" Proficiency Designator, 2021
2. Best Podium Presentation- Madigan Research Day, 2013
3. United States Military Academy Life Sciences Award, 2005
4. United States Military Academy Honor Graduate, 2005
5. United States Military Academy Dean's Award, 2001-2005

XVI. BIBLIOGRAPHY

XVIa. Peer Reviewed Journals

1. Sommerfeldt JM, Jermihov AP, Erbele I, **Chen BS**. Sudden hearing loss in Active Duty Population: An Epidemiological Study. *Mil Med*. In press.
2. Avillion MP, Jones NN, Ghias AF, Kram YA, Liming BJ, **Chen BS**. Low-cost Simulator with Syringe and Tuning Fork: Training Course and Results. *Mil Med*. 2023. PMID: 37294796. DOI: 10.1093/milmed/usad213
3. Oney R, Sloneker D, Bloom A, Avillion M, Crawford J, **Chen BS**. Cerebrospinal fluid otorrhea after a routine tympanostomy tube placement: A Review of the literature on Hyrtl Fissure. *Ear, Nose & Throat Journal*. 2022. PMID:36345799. DOI:10.1177/01455613211039045

4. Kram YA, **Chen BS**. Letter to the editor regarding "Improving Microscopic Imaging in Otolaryngology and Neurotology". *Otol Neurotol*. 2020; 41(10):1449-1450. PMID: 32976337. DOI: 10.1097/MAO.0000000000002818

5. **Chen BS**, Roberts DS, Lekovic GP. Vestibular Neurectomy for Intractable Vertigo: Case Series and Evaluation of Role of Endoscopic Assistance in Retrolabyrinthine Craniotomy. *J Neurol Surg B Skull Base*. 2019;80(4):357-363. PMID: 31328081 DOI: 10.1055/s-0038-1670685

6. Peng KA, **Chen BS**, Lorenz MB, Lekovic GP, Schwartz MS, Slattery WH, Wilkinson EP. Revision Surgery for Vestibular Schwannomas. *J Neurol Surg B*. 2018;79(6):528-532. PMID: 30456020 DOI: 10.1055/s-0038-1635256

7. Roberts SD, Slattery WH, **Chen BS**, Otto S, Schwartz MS, Lekovic GP. 'Compassionate Use' Protocol for Auditory Brainstem Implantation: Early House Ear Institute Experience. *Cochlear Implants International*. 2017;18(1):57-62. PMID: 28098509 DOI: 10.1080/14670100.2016.1258203

8. Roberts DS, Otto S, **Chen BS**, Peng K, Schwartz MS, Brackmann DE, House JW. Tinnitus Suppression After Auditory Brainstem Implantation in NF2 Patients. *Otol Neurotol*. 2017;38(1):118-122. PMID: 27755361 DOI: 10.1097/MAO.0000000000001230

9. Roberts DS, **Chen B**, Slattery W. Surgical Management of a High Jugular Bulb. *Ear Nose Throat J*. 2016 Aug;95(8):306-9. PMID: 27551837.

10. **Chen BS**, House JW, Crawford JV. Laser myringoplasty for tympanic membrane retraction. *Ear Nose Throat J*. 2016 February;95(2):E47-8. PMID: 26930344 DOI: 10.1177/014556131609500212

11. **Chen BS**, Roberts DS, Lekovic GP. Endoscopic Assisted Middle Fossa Craniotomy for Resection of Vestibular Schwannoma. *J Neurological Surg Rep*. 2016;77(1):e001-7. PMID: 26929894 DOI: 10.1055/s-0035-1564604

12. **Chen BS**, Linthicum FH. Otosclerosis without stapes fixation. *Otol Neurotol*. 2015; 36(8): e140-141. PMID: 25839982 DOI: 10.1097/MAO.0000000000000769

13. Senchak AJ, McKinlay AJ, Acevedo J, Swain B, Tiu MC, **Chen BS**, Robitschek J, Ruhl DS, Williams LL, Camacho M, Frey WC, O'Connor PD. The effect of tonsillectomy alone in adult sleep apnea. *Otolaryngol Head Neck Surgery*. 2015;152(5):969-73. PMID: 25820584 DOI: 10.1177/0194599815575721

14. Schwartz SR, **Chen BS**. The role of preoperative imaging for cochlear implantation in postlingually deafened adults. *Otol Neurotol*. 2014; 35(9):1536-40. PMID: 25032941 DOI: 10.1097/MAO.0000000000000499

15. Perkins JA, **Chen BS**, Saltzman B, Manning SC, Parikh SR. Propranolol therapy reducing number of nasal hemangioma invasive procedures. *JAMA Otolaryngol Head Neck Surg*. 2014;140(3):220-7. PMID: 24557492 DOI: 10.1001/jamaoto.2013.6524
16. Balakrishnan K, Menezes MD, **Chen BS**, Magit AE, Perkins JA. Primary surgery vs primary sclerotherapy for head and neck lymphatic malformations. *JAMA Otolaryngol Head Neck Surg*. 2014;140(1):41-5. PMID: 24288004 DOI: 10.1001/jamaoto.2013.5849
17. **Chen BS**, Virant FS, Parikh SR, Manning SC. Aspirin sensitivity syndrome (Samter's Triad): An unrecognized disorder in children with nasal polyposis. *Int J Otorhinolaryngol*. 2013;11:281-283. PMID: 23149179 DOI: 10.1016/j.ijporl.2012.10.017
18. Adams MT, **Chen B**, Makowski R, Bevans S, Boseley M. Multimedia approach to adenotonsillectomy preoperative counseling. *Otolaryngol Head Neck Surg*. 2012;146(3):461-466. PMID: 22166961 DOI: 10.1177/0194599811430788
19. **Chen B**, Wilhelm M, Boseley M. Radiology Quiz Case 1: Tracheobronchitis and tracheal stenosis secondary to Hunter syndrome. *Arch Otolaryngol Head Neck Surg*. 2010;136(1):96-7. PMID: 20083787 DOI: 10.1001/archoto.2009.182-a

XVib. Book Chapters

1. **Chen BS**, Brackmann DE. Translabyrinthine Approach for Acoustic Neuroma. In: Carlson ML, Link MJ, Driscoll CL eds. *Comprehensive Management of Vestibular Schwannomas*. 1st ed. New York, NY: Thieme Medical Publishers, Inc
2. **Chen BS**, McRackan TR, Lin JS, Gupta S, Naples JG, Harris J. Otology and Neurotology. In: Lin HW, Roberts DS, Harris JP eds. *Cummings Review of Otolaryngology*. 2nd ed. Philadelphia, PA: Mosby/Elsevier Publishing Co.
3. Lin JS, Gupta S, **Chen BS**, McRackan TR. Otology and Neurotology. In: Lin HW, Roberts DS, Harris JP eds. *Cummings Review of Otolaryngology*. 1st ed. Philadelphia, PA: Mosby/Elsevier Publishing Co.
4. **Chen BS**, Luxford WM. Noise-Induced Hearing Loss. In: McRackan TR and Brackmann DE eds. *Otology, Neurotology, and Skull Base Surgery: Clinical Reference Guide*. 1st ed. San Diego, CA: Plural Publishing, Inc.
5. **Chen BS**, Slattery WH. Neurofibromatosis Type 2. In: McRackan TR and Brackmann DE eds. *Otology, Neurotology, and Skull Base Surgery: Clinical Reference Guide*. 1st ed. San Diego, CA: Plural Publishing, Inc.
6. **Chen BS**, Bevans SE, Crawford JV. Congenital mixed hearing loss. In: Kountakis SE, eds. *Encyclopedia of Otolaryngology, Head and Neck Surgery*. 1st ed. Springer.

7. Bevans SE, **Chen BS**, Crawford JV. Acquired mixed hearing loss. In: Kountakis SE, eds. *Encyclopedia of Otolaryngology, Head and Neck Surgery*. 1st ed. Springer.

XVIc. Other publications

n/a

XVIId. Podium Presentations at Regional/National/International Meetings

1. Chao S, Punch G, **Chen BS**. Computed Tomography Imaging as an Adjunct for Cadaveric Temporal Bone Drilling. Accepted for Podium presentation at the 23rd Annual James W. Bass Research Symposium (Honolulu, HI, May 2021)
2. Roberts DS, Otto S, **Chen BS**, Peng K, Schwartz MS, Brackmann DE, House JW. Tinnitus Suppression after auditory brainstem implantation in NF2 patients. Podium presentation at the American Neurotology Society Spring Meeting. (Chicago, IL, May 2016).
3. Peng KA, **Chen BS**, Lorenz MB, Schwartz MS, Slattery WH, Wilkinson EP. Revision surgery for vestibular schwannomas. Podium presentation at the Triologic Society Annual meeting. (Chicago, IL, May 2016).
4. **Chen BS**, Schwartz SR, Schwartz M. Interesting case presentation: Coccidio-otomycosis. Podium presentation at the Northwest Academy of Otolaryngology Fall meeting. (Seattle, WA, 2013).
5. **Chen BS**, Saltzman B, Manning SC, Parikh SR, Perkins JA: Propranolol therapy reduces nasal infantile hemangioma invasive procedures. **Best podium presentation, Madigan Research Day 2013.**
6. Balakrishnan K, Menezes MD, **Chen BS**, Magit AE, Perkins JA: Initial surgery and initial sclerotherapy produce similar outcomes in head and neck lymphatic malformations. Accepted for a podium presentation to the American Society of Pediatric Otolaryngology annual meeting. (Arlington, VA, April 2013). **Winner of the 2013 ASPO research award.**
7. **Chen BS**, Senchak AJ: Palatine tonsils and obstructive sleep apnea: interim report. Podium presentation at the Major General Paul E. Streit Combined Military Otolaryngology Conference. (Honolulu, HI, February 2012)

XVIe. Poster Presentations at Regional/National/International Meetings

1. Sommerfeldt JM, Jermihov AP, Erbele I, **Chen BS**. Sudden hearing Loss in Active Duty Population: An Epidemiological Study. Poster presentation at the Military Health System Research Symposium. (Kissimmee, FL, August 2023)

2. Avillion, M; Kram, Y; **Chen, B**; Liming, B. Low Cost Minor Ear Procedure Simulator: Training Course and Results. Poster presentation to AAO-HNS Annual Meeting. (Boston, MA, September 2020)
3. Avillion, M; **Chen, B**; Slattery, W; Brackmann, D; Go, J; Miller, M. Sensorineural Hearing Loss in Patients with Large Noninvasive Glomus Tumors. Poster presentation to AAO-HNS Annual Meeting. (Boston, MA, September 2020)
4. Kram YA, **Chen BS**. Focus Bracketing Photography in Otologic Surgery. Poster presentation at the Triological Society Combined Sections Meeting. (Coronado, CA, Jan 2020)
5. **Chen BS**, Roberts DS, Lekovic GP. Endoscopic Assisted Middle Fossa Craniotomy for Resection of Vestibular Schwannoma. Poster presentation at American Academy of Otolaryngology-Head and Neck Surgery Annual meeting. (Dallas, TX, Sep 2015).
6. Sloneker DR, **Chen BS**, Crawford JV. Spontaneous Cerebral Spinal Fluid Leak during Tympanostomy Tube Placement: A Report of Hyrtl's Fissure with Endoscopic Repair. Poster Presentation at Combined Otolaryngology Spring Meeting. (Boston, MA, April 2015).
7. **Chen BS**, Saltzman B, Manning SC, Parikh SR, Perkins JA: Propranolol therapy reduces nasal infantile hemangioma invasive procedures. Presented as a poster presentation for the American Society of Pediatric Otolaryngology annual meeting. (Arlington, VA, April 2013).
8. **Chen BS**, Liming BJ, Adams MT, Crawford JV: CO2 laser contraction myringoplasty: Our initial experience. Poster presentation at Madigan Research Day. (Tacoma, WA, April 2013)
9. **Chen BS**, Virant FS, Parikh SR, Manning SC: Aspirin sensitivity syndrome (Samter's triad): An unrecognized disorder in children with nasal polyposis. Poster presentation at the Combined Otolaryngology Spring Meeting. (San Diego, CA, April 2012)
10. **Chen BS**, Makowski RL, Boseley ME: Bilateral second branchial cleft sinuses: an unusual case report and a review of the literature. Poster presentation at the Combined Otolaryngology Spring Meeting. (Chicago, IL, April 2011)
11. **Chen BS**, Min KS, Krause B, Crowder T: The effects of two distinct 8-week strength/cardio-respiratory programs on selected physiological parameters in USMA cadets. Poster presentation at the United States Military Academy Research Day. (West Point, NY, April 2005)