Stanford



Nikolas Blevins, MD

Larry and Sharon Malcolmson Professor in the School of Medicine, Professor of Otolaryngology - Head & Neck Surgery (OHNS) and, by courtesy, of Neurosurgery

Otolaryngology (Head and Neck Surgery)

CLINICAL OFFICE (PRIMARY)

- **Stanford Ear Institute**

  2452 Watson Ct Ste 1700

  MC 5841

  Palo Alto, CA 94303

  Tel (650) 723-5281 **Fax** (650) 497-7849

Bio

CLINICAL FOCUS

- Otolaryngology - Head & Neck Surgery (Ear, Nose and Throat)
- Cochlear Implantation
- Hearing Loss
- Acoustic Neuroma
- Facial Nerve
- Cholesteatoma
- Skull Base Neoplasms
- Otitis Media
- Otosclerosis
- neurotology
- Tympanoplasty
- Neurotology

ACADEMIC APPOINTMENTS

- Professor-Univ Med Line, Otolaryngology (Head and Neck Surgery)
- Professor-Univ Med Line (By courtesy), Neurosurgery
- Member, Bio-X
- Member, Stanford Cancer Institute
- Member, Wu Tsai Neurosciences Institute

ADMINISTRATIVE APPOINTMENTS

- Clinical Advisory Group - Hospital Infomatics, Stanord Hospital and Clinics, (2005-2006)

- Home Study Faculty, American Academy of Otolaryngology, (2002- present)
- Task Force on New Materials, American Academy of Otolaryngology, (1998-2002)
- Hearing Aid Subcommittee, American Academy of Otolaryngology, (1996-2003)
- Residency Program Director, Tufts University Department of Otolaryngology, (2000-2003)
- Director, Temporal Bone Laboratory, Stanford University, Department of Otolaryngology, (2003- present)

HONORS AND AWARDS

- San Francisco Best Doctors, San Francisco Magazine (2005)
- Best Doctors in America, Best Doctors in America (2003, 2004, 2005)
- Excellence in Teaching Awards, Tufts University (1998 - 2002)
- Best Electronic Publication Award: Temporal Bone Dissector, Association of American Publishers (1998)
- Phi Beta Kappa, Stanford University (1983)

PROFESSIONAL EDUCATION

- Fellowship: UCSF Dept of Otolaryngology Head and Neck Surgery (1995) CA
- Residency: UCSF Dept of Otolaryngology Head and Neck Surgery (1994) CA
- Internship: UCSF Dept of General Surgery (1990) CA
- Board Certification: Neurotology, American Board of Otolaryngology (2006)
- Board Certification: Otolaryngology, American Board of Otolaryngology (1995)
- Medical Education: Harvard Medical School (1988) MA
- Fellowship, UC, San Francisco , Otology/ Neurotology (1995)
- Residency, UC, San Francisco , Otolaryngology (1994)
- BS, Stanford University , Biological Sciences (1984)
- MD, Harvard Medical School , Medicine (1988)

LINKS

- Get a Second Opinion: https://stanfordhealthcare.org/second-opinion/overview.html
- Google Scholar: https://scholar.google.com/citations?user=vrWYT_wAAAAJ

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Inner ear microendoscopy and prosthesis design -- Developing techniques for minimally-invasive imaging of inner ear microanatomy and neural pysiology. Applications include improved cochlear implant development, inner ear regenerative techniques, inner ear surgery, and auditory physiology. Collaboration with Mark Schnitzer PhD, Gerald Popelka PhD, Kwabena Boahen PhD.

Microsurgical robotics -- Developing scalable microsurgical instrumentation and robotic techniques for use in head and neck surgery. Collaboration with Kenneth Salisbury, PhD.

Surgical Simulation -- Developing immersive environment for simulation of ear and skull base surgery for training, technique assessment, and preoperative planning. Collaboration with Kenneth Salisbury, PhD.

Teaching

STANFORD ADVISEES

Doctoral Dissertation Advisor (AC)

Yunxin Fan

Publications

PUBLICATIONS

- **Perception-first digital twin for augmented reality microsurgery.** *International journal of computer assisted radiology and surgery*
  El Chemaly, T., Fan, Y., Fu, F., Leuze, C., Daniel, B., Hargreaves, B., Blevins, N. H.
  2026
- **Prospective MR Evaluation of Endolymphatic Hydrops Using Half-dose Gadopiclenol.** *AJNR. American journal of neuroradiology*
  Christodoulou, R., Fischbein, N., Blevins, N., Malik, S., Landegger, L. D., Fu, F., Pham, N.
  2026
- **Intraoperative Label-free Detection of Cholesteatoma Using Autofluorescence: A Feasibility Study.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Park, R. K., Penaranda, D., Nyaeme, M. S., Chang, K. W., Blevins, N. H., Ahmad, I., Valdez, T. A.
  2026; 47 (2): e467-e472
- **Prospective MR Evaluation of Endolymphatic Hydrops at Multiple Flip Angles Using Single-Dose Gadolinium Contrast.** *AJNR. American journal of neuroradiology*
  Pham, N., Kullar, P., Fischbein, N., Malik, S., Landegger, L. D., Fu, F., Blevins, N.
  2025
- **Scoping review of deep learning research illuminates artificial intelligence chasm in otolaryngology-head and neck surgery.** *NPJ digital medicine*
  Liu, G. S., Fereydooni, S., Lee, M. C., Polkampally, S., Huynh, J., Kuchibhotla, S., Shah, M. M., Ayoub, N. F., Capasso, R., Chang, M. T., Doyle, P. C., Holsinger, F. C., Patel, et al
  2025; 8 (1): 265
- **The Role of Routine Plain Film Imaging Post Cochlear Implantation.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
  Kouhi, A., Sharifi, A., Blevins, N. H.
  2025
- **Artificial Intelligence Tracking of Otologic Instruments in Mastoidectomy Videos.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Liu, G. S., Parulekar, S., Lee, M. C., El Chemaly, T., Diop, M., Park, R., Blevins, N. H.
  2024
- **From microscope to head-mounted display: integrating hand tracking into microsurgical augmented reality.** *International journal of computer assisted radiology and surgery*
  El Chemaly, T., Athayde Neves, C., Fu, F., Hargreaves, B., Blevins, N. H.
  2024
- **Single-cell transcriptomic atlas reveals increased regeneration in diseased human inner ear balance organs.** *Nature communications*
  Wang, T., Ling, A. H., Billings, S. E., Hosseini, D. K., Vaisbuch, Y., Kim, G. S., Atkinson, P. J., Sayyid, Z. N., Aaron, K. A., Wagh, D., Pham, N., Scheibinger, M., Zhou, et al
  2024; 15 (1): 4833
- **Deep Learning Method for Rapid Simultaneous Multistructure Temporal Bone Segmentation.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
  Neves, C. A., Chemaly, T. E., Fu, F., Blevins, N. H.
  2024

- **Speech-in-Noise Assessment in the Routine Audiologic Test Battery: Relationship to Perceived Auditory Disability.** *Ear and hearing*
  Fitzgerald, M. B., Ward, K. M., Gianakas, S. P., Smith, M. L., Blevins, N. H., Swanson, A. P.
  2024
- **Estimation of Cochlear Implant Insertion Depth Using 2D-3D Registration of Postoperative X-Ray and Preoperative CT Images.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Liu, G. S., Cooperman, S. P., Neves, C. A., Blevins, N. H.
  2024
- **Sporadic vestibular schwannoma in a pediatric population: a case series.** *Child's nervous system : ChNS : official journal of the International Society for Pediatric Neurosurgery*
  Kosaraju, N., Moore, L. S., Mulders, J. Y., Blevins, N. H.
  2023
- **Virtual Reality Simulation for the Middle Cranial Fossa Approach: A Validation Study.** *Operative neurosurgery (Hagerstown, Md.)*
  Lai, C., Lui, J. T., de Lotbiniere-Bassett, M., Chen, J. M., Lin, V. Y., Agrawal, S. K., Blevins, N. H., Ladak, H. M., Pirouzmand, F.
  2023
- **Glomangiopericytoma Presenting as a Middle Ear Mass.** *The Laryngoscope*
  Liu, G. S., Berry, G. J., Soltys, S. G., Blevins, N. H.
  2023
- **Evaluation of Asymmetries in Speech-in Noise Abilities in Audiologic Screening for Vestibular Schwannoma.** *Ear and hearing*
  Jason Qian, Z., Vaisbuch, Y., Gianakas, S. P., Tran, E. D., Ali, N. E., Blevins, N. H., Fitzgerald, M. B.
  2023
- **Content Validity of a High-Fidelity Surgical Middle Ear Simulator: A Randomized Prospective International Multicenter Trial.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Youner, E. R., Chillakuru, Y. R., Xu, H., Dedmon, M., Labadie, R., Djalilian, H., Mahboubi, H., Westerberg, B., Vaisbuch, Y., Blevins, N., Chen, J., Lin, V., Joyce, et al
  2023
- **Automated Radiomic Analysis of Vestibular Schwannomas and Inner Ears Using Contrast-Enhanced T1-Weighted and T2-Weighted Magnetic Resonance Imaging Sequences and Artificial Intelligence.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Neves, C. A., Liu, G. S., El Chemaly, T., Bernstein, I. A., Fu, F., Blevins, N. H.
  2023
- **Signal to noise ratio quantifies the contribution of spectral channels to classification of human head and neck tissues ex vivo using deep learning and multispectral imaging.** *Journal of biomedical optics*
  Liu, G. S., Shenson, J. A., Farrell, J. E., Blevins, N. H.
  2023; 28 (1): 016004
- **C-CASE 2022: Competence to Excellence: Canadian Conference for the Advancement of Surgical Education, Oct. 13-14, 2022.** *Canadian journal of surgery. Journal canadien de chirurgie*
  Goff, L., Greene, H., Munn, A., Furey, A., Smith, N., St Croix, R., Moffatt-Bruce, S., Lefebvre, G., Jing, J. W., Harvey, E. J., Reindl, R., Al Badi, H., Berry, et al
  2022; 65 (6 Suppl 1): S19-S32
- **High-Fidelity Virtual Reality Simulation for the Middle Cranial Fossa Approach-Modules for Surgical Rehearsal and Education.** *Operative neurosurgery (Hagerstown, Md.)*
  Lai, C., Lui, J. T., Chen, J. M., Lin, V. Y., Agrawal, S. K., Blevins, N. H., Ladak, H. M., Pirouzmand, F.
  2022
- **The Outcome of Cochlear Implantations in Deaf-Blind Patients: A Multicenter Observational Study.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Daneshi, A., Sajjadi, H., Blevins, N., Jenkins, H. A., Farhadi, M., Ajallouyan, M., Hashemi, S. B., Thai, A., Tran, E., Rajati, M., Asghari, A., Mohseni, M., Mohebbi, et al
  2022; 43 (8): 908-914

- **The user experience design of a novel microscope within SurgiSim, a virtual reality surgical simulator.** *International journal of computer assisted radiology and surgery*
  de Lotbiniere-Bassett, M., Volpato Batista, A., Lai, C., El Chemaly, T., Dort, J., Blevins, N., Lui, J.
  2022
- **Remote Intraoperative Neural Response Telemetry: Technique and Results in Cochlear Implant Surgery.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Kouhi, A., Swanson, A., Fitzgerald, M. B., Blevins, N. H.
  2022; 43 (6): 638-642
- **Outcomes in Patients Meeting Cochlear Implant Criteria in Noise but Not in Quiet.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Thai, A., Tran, E., Swanson, A., Fitzgerald, M. B., Blevins, N. H., Ma, Y., Smith, M. L., Larky, J. B., Alyono, J. C.
  2022; 43 (1): 56-63
- **Influence of electrode to cochlear duct length ratio on post-operative speech understanding outcomes.** *Cochlear implants international*
  Cooperman, S. P., Aaron, K. A., Fouad, A., Tran, E., Blevins, N. H., Fitzgerald, M. B.
  2021: 1-11
- **Fully Automated Measurement of Cochlear Duct Length From Clinical Temporal Bone Computed Tomography.** *The Laryngoscope*
  Neves, C. A., Tran, E. D., Cooperman, S. P., Blevins, N. H.
  2021
- **Augmented Reality for Retrosigmoid Craniotomy Planning** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*
  Leuze, C., Neves, C. A., Gomez, A. M., Navab, N., Blevins, N., Vaisbuch, Y., McNab, J. A.
  2021
- **Tumor Control Following Stereotactic Radiosurgery in Patients with Vestibular Schwannomas - A Retrospective Cohort Study.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Santa Maria, P. L., Shi, Y., Aaron, K. A., Gurgel, R. K., Corrales, C. E., Soltys, S. G., Santa Maria, C., Chang, S. D., Blevins, N. H., Jackler, R. K., Gibbs, I. C.
  2021
- **Deep learning automated segmentation of middle skull-base structures for enhanced navigation.** *International forum of allergy & rhinology*
  Neves, C. A., Tran, E. D., Blevins, N. H., Hwang, P. H.
  2021
- **Postoperative Venous Thromboembolism after Neurotologic Surgery.** *Journal of neurological surgery. Part B, Skull base*
  Ali, N., Alyono, J. C., Song, Y., Kouhi, A., Blevins, N. H.
  2021; 82 (3): 378-382
- **Assessment of Inter- and Intra-Rater Reliability of Tablet-Based Software to Measure Cochlear Duct Length.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Cooperman, S. P., Aaron, K. A., Fouad, A., Tran, E., Blevins, N. H., Fitzgerald, M. B.
  2021
- **Stereotactic Radiosurgery for Vestibular Schwannoma Outcomes in Patients With Perfect Word Recognition-A Retrospective Cohort Study.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Fouad, A. n., Tran, E. D., Feng, A. Y., Alyono, J. C., Ma, Y. n., Blevins, N. H., Jackler, R. K., Santa Maria, P. L.
  2021
- **Multispectral Imaging for Automated Tissue Identification of Normal Human Surgical Specimens.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
  Shenson, J. A., Liu, G. S., Farrell, J., Blevins, N. H.
  2020: 194599820941013
- **American Neurotology Society, American Otological Society, and American Academy of Otolaryngology - Head and Neck Foundation Guide to Enhance Otologic and Neurotologic Care During the COVID-19 Pandemic.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*

Kozin, E. D., Remenschneider, A. K., Blevins, N. H., Jan, T. A., Quesnel, A. M., Chari, D. A., Kesser, B. W., Weinstein, J. E., Ahsan, S. F., Telischi, F. F., Adunka, O. F., Weber, P., Knoll, et al
2020

- **Trends in Age of Cochlear Implant Recipients, and the Impact on Perioperative Complication Rates.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Fakurnejad, S., Vail, D., Song, Y., Alyono, J., Blevins, N. H.
  2020; 41 (4): 438-443

- **Mastoid Obliteration Using Autologous Bone Dust Following Canal Wall Down Mastoidectomy.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Sioshansi, P. C., Alyono, J. C., Blevins, N. H.
  2020

- **American Neurotology Society, American Otological Society, and American Academy of Otolaryngology - Head and Neck Foundation Guide to Enhance Otologic and Neurotologic Care During the COVID-19 Pandemic.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Kozin, E. D., Remenschneider, A. K., Blevins, N. H., Jan, T. A., Quesnel, A. M., Chari, D. A., Kesser, B. W., Weinstein, J. E., Ahsan, S. F., Telischi, F. F., Adunka, O. F., Weber, P. n., Knoll, et al
  2020; 41 (9): 1163–74

- **Trends in Age of Cochlear Implant Recipients, and the Impact on Perioperative Complication Rates.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Fakurnejad, S. n., Vail, D. n., Song, Y. n., Alyono, J. n., Blevins, N. H.
  2020

- **Factors influencing classification of frequency following responses to speech and music stimuli.** *Hearing research*
  Losorelli, S. n., Kaneshiro, B. n., Musacchia, G. A., Blevins, N. H., Fitzgerald, M. B.
  2020; 398: 108101

- **Application of holographic augmented reality for external approaches to the frontal sinus.** *International forum of allergy & rhinology*
  Neves, C. A., Vaisbuch, Y. n., Leuze, C. n., McNab, J. A., Daniel, B. n., Blevins, N. H., Hwang, P. H.
  2020

- **Ocular Vestibular-Evoked Myogenic Potential Amplitudes Elicited at 4 kHz Optimize Detection of Superior Semicircular Canal Dehiscence.** *Frontiers in neurology*
  Tran, E. D., Swanson, A. n., Sharon, J. D., Vaisbuch, Y. n., Blevins, N. H., Fitzgerald, M. B., Steenerson, K. K.
  2020; 11: 879

- **Long-Term Hearing Outcomes Following Stereotactic Radiosurgery in Vestibular Schwannoma Patients-A Retrospective Cohort Study**
  Santa Maria, P. L., Shi, Y., Gurgel, R. K., Corrales, C., Soltys, S. G., Santa Maria, C., Murray, K., Chang, S. D., Blevins, N. H., Gibbs, I. C., Jackler, R. K.
  OXFORD UNIV PRESS INC.2019: 550–59

- **Cochlear Implant Quality of Life (CIQOL): Development of a Profile Instrument (CIQOL-35 Profile) and a Global Measure (CIQOL-10 Global)** *JOURNAL OF SPEECH LANGUAGE AND HEARING RESEARCH*
  McRackan, T. R., Hand, B. N., Golub, J. S., Wilkinson, E. P., Mills, D., Carey, J. P., Vorasubin, N., Brunk, V., Carlson, M. L., Driscoll, C. L., Sladen, D. P., Camposeo, E. L., Holcomb, et al
  2019; 62 (9): 3554–63

- **Validation of a rhinologic virtual surgical simulator for performing a Draf 3 endoscopic frontal sinusotomy**
  Won, T., Cho, S., Sung, M., Paek, S., Chan, S., Salisbury, K., Blevins, N. H., Vaisbuch, Y., Hwang, P.
  WILEY.2019: 910–17

- **Postoperative Venous Thromboembolism after Extracranial Otologic Surgery**
  Song, Y., Alyono, J. C., Ali, N., Blevins, N. H.
  SAGE PUBLICATIONS LTD.2019: 144–49

- **Frequency-following response among neonates with progressive moderate hyperbilirubinemia.** *Journal of perinatology : official journal of the California Perinatal Association*
  Musacchia, G., Hu, J., Bhutani, V. K., Wong, R. J., Tong, M., Han, S., Blevins, N. H., Fitzgerald, M. B.

2019

- **Development of the Cochlear Implant Quality of Life Item Bank** *EAR AND HEARING*
  McRackan, T. R., Hand, B. N., Samy, R. N., Gubbels, S. P., Golub, J. S., Wilkinson, E. P., Mills, D., Carey, J. P., Vorasubin, N., Brunk, V., Carlson, M. L., Driscoll, C. L., Sladen, et al
  2019; 40 (4): 1016–24

- **Systematic Review of Temporal Bone-Resurfacing Techniques for Pulsatile Tinnitus Associated with Vascular Wall Anomalies** *OTOLARYNGOLOGY-HEAD AND NECK SURGERY*
  Liu, G. S., Boursiquot, B. C., Blevins, N. H., Vaisbuch, Y.
  2019; 160 (5): 749–61

- **Postoperative Venous Thromboembolism after Extracranial Otologic Surgery.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
  Song, Y., Alyono, J. C., Ali, N., Blevins, N. H.
  2019: 194599819835743

- **Introduction to the Special Issue: 15th Symposium on Cochlear Implants in Children** *OTOLOGY & NEUROTOLOGY*
  Blevins, N. H., Limb, C. J., Sorkin, D. L.
  2019; 40 (3): E251

- **Introduction to the Special Issue: 15th Symposium on Cochlear Implants in Children.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Blevins, N. H., Limb, C. J., Sorkin, D. L.
  2019; 40 (3): e251

- **Aberrant Venous Drainage in a Case of Spontaneous Cerebrospinal Fluid Leak.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Ali, N. E., Alyono, J. C., Blevins, N. H.
  2019; 40 (7): e755–e757

- **A Prospective Evaluation of Postoperative Opioid Use in Otologic Surgery.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Qian, Z. J., Alyono, J. C., Woods, O. D., Ali, N. n., Blevins, N. H.
  2019

- **Postoperative Imaging Surveillance Following Vestibular Schwannoma Resection** *COMPREHENSIVE MANAGEMENT OF VESTIBULAR SCHWANNOMA*
  Sevy, A., Blevins, N. H.
  edited by Carlson, M. L.
  2019: 336–41

- **Systematic Review of Temporal Bone-Resurfacing Techniques for Pulsatile Tinnitus Associated with Vascular Wall Anomalies.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
  Liu, G. S., Boursiquot, B. C., Blevins, N. H., Vaisbuch, Y. n.
  2019: 194599818823205

- **Validation of a rhinologic virtual surgical simulator for performing a Draf 3 endoscopic frontal sinusotomy.** *International forum of allergy & rhinology*
  Won, T. B., Cho, S. W., Sung, M. W., Paek, S. H., Chan, S. n., Salisbury, K. n., Blevins, N. H., Vaisbuch, Y. n., Hwang, P. n.
  2019

- **Hypotympanic Sound Baffle for Amelioration of Pulsatile Tinnitus due to Carotid and Jugular Bulb Dehiscence.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Liu, G. S., Blevins, N. H., Vaisbuch, Y. n.
  2019; 40 (7): 920–26

- **Prevalence of Radiographic Cochlear-Facial Nerve Dehiscence.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Song, Y., Alyono, J. C., Bartholomew, R. A., Vaisbuch, Y., Corrales, C. E., Blevins, N. H.
  2018

- **Long-Term Hearing Outcomes Following Stereotactic Radiosurgery in Vestibular Schwannoma Patients-A Retrospective Cohort Study.** *Neurosurgery*
  Santa Maria, P. L., Shi, Y., Gurgel, R. K., Corrales, C. E., Soltys, S. G., Santa Maria, C., Murray, K., Chang, S. D., Blevins, N. H., Gibbs, I. C., Jackler, R. K.
  2018
- **Multicenter US Clinical Trial With an Electric-Acoustic Stimulation (EAS) System in Adults: Final Outcomes** *OTOLOGY & NEUROTOLOGY*
  Pillsbury, H. C., Dillon, M. T., Buchman, C. A., Staecker, H., Prentiss, S. M., Ruckenstein, M. J., Bigelow, D. C., Telischi, F. F., Martinez, D. M., Runge, C. L., Friedland, D. R., Blevins, N. H., Larky, et al
  2018; 39 (3): 299–305
- **In reference to Evidence against the mucosal traction theory in cholesteatoma.** *The Laryngoscope*
  Jackler, R. K., Santa Maria, P. L., Blevins, N. H.
  2018
- **Early experience with a patient-specific virtual surgical simulation for rehearsal of endoscopic skull-base surgery** *INTERNATIONAL FORUM OF ALLERGY & RHINOLOGY*
  Won, T., Hwang, P., Lim, J., Cho, S., Paek, S., Losorelli, S., Vaisbuch, Y., Chan, S., Salisbury, K., Blevins, N. H.
  2018; 8 (1): 54–63
- **Temporal Bone CT Scan for Malleal Ligaments Assessment.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Vaisbuch, Y. n., Hosseini, D. K., Lanzman, B. n., Marcott, S. C., Ma, Y. n., Song, Y. n., Alyono, J. C., Blevins, N. H.
  2018; 39 (10): e1054–e1059
- **Nasoseptal flap closure of the eustachian tube for recalcitrant cerebrospinal fluid rhinorrhea.** *The Laryngoscope*
  Patel, V. S., Choby, G. W., Thamboo, A., Blevins, N. H., Hwang, P. H.
  2017
- **Electrode Array Displacement into the Fallopian Canal in Revisions of Long-standing Cochlear Implants** *OTOLOGY & NEUROTOLOGY*
  Alyono, J., Locketz, G., Corrales, C. E., Blevins, N. H.
  2017; 38 (5): 667-671
- **Anatomy-Specific Virtual Reality Simulation in Temporal Bone Dissection: Perceived Utility and Impact on Surgeon Confidence.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
  Locketz, G. D., Lui, J. T., Chan, S., Salisbury, K., Dort, J. C., Youngblood, P., Blevins, N. H.
  2017; 156 (6): 1142-1149
- **First results of a novel adjustable-length ossicular reconstruction prosthesis in temporal bones.** *Laryngoscope*
  Gottlieb, P. K., Li, X., Monfared, A., Blevins, N., Puria, S.
  2016; 126 (11): 2559-2564
- **Fusion of Computed Tomography and PROPELLER Diffusion-Weighted Magnetic Resonance Imaging for the Detection and Localization of Middle Ear Cholesteatoma.** *JAMA otolaryngology-- head & neck surgery*
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