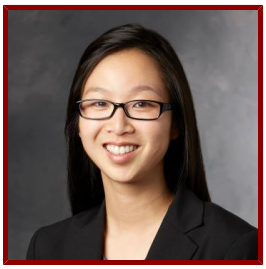
Stanford



Jennifer Alyono, MD, MS

Clinical Associate Professor, Otolaryngology (Head and Neck Surgery)

CLINICAL OFFICE (PRIMARY)

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Bio

BIO

Dr. Alyono completed her undergraduate degree in Chemistry as well as her master's degree in Bioengineering at Stanford University. After completing medical school at the University of California, San Diego, she returned to Stanford where she completed both her residency in Otolaryngology-Head & Neck Surgery, as well as her fellowship in Otology/Neurotology and Skull base surgery. Clinically, Dr. Alyono specializes in adult and pediatric surgery for disorders of the middle ear, inner ear, ear canal, facial nerve, and skull base. This includes care for hearing loss, tympanic membrane perforations, cholesteatoma, glomus tumors, and vestibular schwannomas, among others. Her research interests lie in hearing in population health, quality of care, and technology in medicine.

CLINICAL FOCUS

- Otology
- Neurotology
- Skull Base Surgery
- Ear tumors
- Cochlear implant
- Acoustic neuroma
- Otosclerosis
- Cholesteatoma
- Paraganglioma
- Neurofibromatosis 2
- Facial nerve tumors
- Skull base neoplasm

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Otolaryngology (Head and Neck Surgery)

ADMINISTRATIVE APPOINTMENTS

- Associate Residency Program Director, Stanford Department of Otolaryngology Head and Neck Surgery, (2019- present)
- Associate Clinic Operations Chief, Stanford Department of Otolaryngology Head and Neck Surgery, (2019- present)

HONORS AND AWARDS

- Fellow Teacher of the Year, Stanford University (2018)
- Alpha Omega Alpha Honor Medical Society, Alpha Omega Alpha Honor Medical Society (2017)
- People's Choice Award, Stanford Biodesign (2017)
- Baird-Davidson Award for the Arts in Medicine, University of California, San Diego (2011)
- Phi Beta Kappa, Stanford University (2006)
- Intel Science Talent Search Finalist, Science Service (2002)
- Medallion for Science and Engineering, United States Army (2002)
- Outstanding Achievement Award, Scientific American Magazine (2002)
- Presidential Scholar, Stanford University (2002)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Medical Devices and Drugs Committee Member, American Academy of Otolaryngology - Head and Neck Surgery (2018 - 2021)
- Scientific Program Committee Member, American Neurotology Society (2022 - 2023)
- Otology Neurotology Education Committee Member, American Academy of Otolaryngology - Head and Neck Surgery (2021 - present)

PROFESSIONAL EDUCATION

- Board Certification: Neurotology, American Board of Otolaryngology (2021)
- Medical Education: University of California San Diego School of Medicine (2011) CA
- Fellowship: Stanford University Otolaryngology Residency (2018) CA
- Board Certification: Otolaryngology, American Board of Otolaryngology (2017)
- Residency: Stanford University Otolaryngology Residency (2016) CA

LINKS

- Get a Second Opinion: https://stanfordhealthcare.org/second-opinion/overview.html
- Google scholar: https://scholar.google.com/citations?hl=en&user=QMWH4d4AAAAJ

Research & Scholarship

CLINICAL TRIALS

- A Study to Assess ASP0598 Otic Solution Following Topical Application in the Ear in Subjects With Chronic Tympanic Membrane Perforation (CTMP), Not Recruiting

Publications

PUBLICATIONS

- **A Prospective Multicenter Post-Market Study Evaluating the Safety and Effectiveness of Cochlear Implantation in Adults With Single-Sided Deafness.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*

Zeitler, D. M., Perez, E., Alyono, J., Broadfoot, C., Boothby, O.
2026

- **Beta-2 Transferrin May Not Be Specific for Presence of Cerebrospinal Fluid in Middle Ear Fluid.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Thai, A., Vasilijic, S., Moore, L. S., Kullar, P. J., Lee, J. Y., Cheng, A. G., Sidell, D. R., Kim, G. S., Valdez, T. A., Chang, K. W., Ahmad, I. N., Balakrishnan, K., Stankovic, et al
  2026

- **Imaging Case of the Month: Otic Capsule Disease in a Patient With Granulomatosis With Polyangiitis: Implications for Cochlear Implantation.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Al Rashed, F., Moon, P. K., Alyono, J.
  2026

- **Surgical resection versus stereotactic radiosurgery for succinate dehydrogenase-related hereditary head and neck paragangliomas.** *Journal of neuro-oncology*
  Harary, P. M., Hori, Y. S., Lam, F. C., Abu-Reesh, D., Emrich, S. C., Tayag, A., Ustrzynski, L., Alyono, J., Holsinger, F. C., Dodd, R. L., Gibbs, I. C., Li, G., Park, et al
  2026; 176 (2): 168

- **The Effect of Surgeon Vocal Pitch and Gender on Patient Satisfaction.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
  Nuyen, B. A., Kruglik, C. P., Wang, A., Ayoub, N. F., Rakkar, M., Kearney, A., Alyono, J.
  2025

- **Evaluating the quality and readability of ChatGPT-generated patient-facing medical information in rhinology.** *European archives of oto-rhino-laryngology : official journal of the European Federation of Oto-Rhino-Laryngological Societies (EUFOS) : affiliated with the German Society for Oto-Rhino-Laryngology - Head and Neck Surgery*
  Fazilat, A. Z., Brenac, C., Kawamoto-Duran, D., Berry, C. E., Alyono, J., Chang, M. T., Liu, D. T., Patel, Z. M., Tringali, S., Wan, D. C., Fieux, M.
  2024

- **Tympanostomy Tube Insertion With and Without Adenoidectomy.** *JAMA otolaryngology-- head & neck surgery*
  Qian, Z. J., Truong, M. T., Alyono, J. C., Valdez, T., Chang, K.
  2024

- **Recidivism and Recurrence.** *Otolaryngologic clinics of North America*
  Cooperman, S. P., Wong, K., Hwa, T. P., Alyono, J.
  2024

- **Utility of MRI in the Outpatient Evaluation of Patients With Chronic Continuous or Recurrent Dizziness.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Gupta, A., Thai, A., Steenerson, K. K., Alyono, J.
  2024; 45 (8): 919-924

- **The effect of climate changes on incidence of benign paroxysmal positional vertigo; a systematic review with meta-analysis of 16144 patients.** *Environmental research*
  Sharifi, A., Steenerson, K. K., Alyono, J. C., Ghaffari, M. E., Zojaji, M., Ghaedsharaf, S., Salmani, M. H., Kouhi, A.
  2024: 119551

- **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

- **The Effect of Surgeon Vocal Pitch and Gender on Patient Satisfaction**
  Nuyen, B., Wang, A., Ayoub, N. F., Rakkar, M., Kearney, A., Alyono, J.
  LIPPINCOTT WILLIAMS & WILKINS.2023: S264

- **External Ear Disease: Keratinaceous Lesions of the External Auditory Canal.** *Otolaryngologic clinics of North America*
  Munjal, T., Kullar, P. J., Alyono, J.

2023

- **Perceptions of Respect Among Patients With Hearing Loss in the United States.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
  Youn, G. M., Shah, J. P., Wei, E. X., Alyono, J. C.
  2023

- **Reduction of Teprotumumab-Induced Hearing Loss With Comparable Efficacy Using Half-Dose Therapy.** *Ophthalmic plastic and reconstructive surgery*
  Phansalkar, R., Lu, T., Alyono, J., Lee, J., Dosiou, C., Kossler, A. L.
  2023

- **Abnormal Subjective and Audiometric Auditory Function in Migraine.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
  Wang, A. R., Steenerson, K. K., Alyono, J. C.
  2023

- **Abnormal Subjective and Audiometric Auditory Function in Migraine** *OTOLARYNGOLOGY-HEAD AND NECK SURGERY*
  Wang, A. R. R., Steenerson, K. K. K., Alyono, J. C. C.
  2023

- **Matched Cohort Study of Radiographic Superior Semicircular Canal Dehiscence and Tegmen Dehiscence and Obstructive Sleep Apnea.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Kaufman, A. C., Cooperman, S., Ali, N., Alyono, J. C.
  2022

- **Natural History of Cystic Vestibular Schwannomas.** *The Annals of otology, rhinology, and laryngology*
  Ali, N., Sayyid, Z. N., Alyono, J. C.
  2022: 34894221119613

- **Hearing Dysfunction After Treatment with Teprotumumab for Thyroid Eye Disease.** *American journal of ophthalmology*
  Sears, C. M., Azad, A. D., Amarikwa, L., Pham, B. H., Men, C. J., Kaplan, D. N., Liu, J., Hoffman, A. R., Swanson, A., Alyono, J., Lee, J. Y., Dosiou, C., Kossler, et al
  2022

- **Imaging of the Postoperative Temporal Bone.** *Neuroimaging clinics of North America*
  Bhatt, P. R., Alyono, J. C., Fischbein, N. J., Penta, M.
  2022; 32 (1): 175-192

- **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

- **Cochlear Implantation and Risk of Falls in Older Adults.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
  Grimm, D. R., Fakurnejad, S., Alyono, J. C.
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- **Pulmonary Embolism and Sigmoid Sinus Thrombosis After Translabyrinthine Vestibular Schwannoma Resection: A Retrospective Case Series.** *The Annals of otology, rhinology, and laryngology*
  Song, Y., Ayoub, N., Chen, J. X., Alyono, J. C., Welling, D. B.
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- **Trends and Healthcare Use Following Different Cholesteatoma Surgery Types in a National Cohort, 2003-2019.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Qian, Z. J., Tran, E. D., Alyono, J. C., Cheng, A. G., Ahmad, I. N., Chang, K. W.
  2021

- **Acute Vestibular Syndrome and ER Presentations of Dizziness.** *Otolaryngologic clinics of North America*
  Baron, R., Steenerson, K. K., Alyono, J.

2021

- **Hearing Loss Due to Otosyphilis: Imaging Case of the Month.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Hosseini, D. K., Aaron, K. A., Alyono, J. C.
  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
- **National Trends in Opioid Prescriptions Following Outpatient Otologic Surgery, 2005-2017.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
  Cooperman, S. P., Jin, M. C., Qian, Z. J., Alyono, J. C.
  2021: 194599821994755
- **Effects of surgeon sociodemographics on patient-reported satisfaction.** *Surgery*
  Nuyen, B., Altamirano, J., Fassiotto, M., Alyono, J.
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- **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
- **Trends in Use and Timing of Intratympanic Corticosteroid Injections for Sudden Sensorineural Hearing Loss.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
  Jin, M. C., Qian, Z. J., Cooperman, S. P., Alyono, J. C.
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- **Opioid Prescribing Patterns Following Pediatric Tonsillectomy in the United States, 2009-2017.** *The Laryngoscope*
  Qian, Z. J., Alyono, J. C., Jin, M. C., Cooperman, S. P., Cheng, A. G., Balakrishnan, K.
  2020
- **Effect of Surgeon Sociodemographics on Patient-Reported Satisfaction**
  Nuyen, B. A., Altamirano, J., Fassiotto, M., Alyono, J.
  ELSEVIER SCIENCE INC.2020: S138
- **Sleep surgery in syndromic and neurologically impaired children.** *American journal of otolaryngology*
  Ali, N., Alyono, J. C., Kumar, A. R., Cheng, H., Koltai, P. J.
  2020; 41 (4): 102566
- **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
- **Prevalence and significance of cranial nerve imaging abnormalities in patients with hereditary neuropathies: Clinical implications at the skull base.** *Laryngoscope investigative otolaryngology*
  Bartholomew, R. A., Zamani, A. A., Kim, G. S., Alyono, J. C., Steinert, H., Fridman, V., Sadjadi, R., Jackler, R. K., Corrales, C. E.
  2020; 5 (1): 11-18
- **Prevalence and significance of cranial nerve imaging abnormalities in patients with hereditary neuropathies: Clinical implications at the skull base** *LARYNGOSCOPE INVESTIGATIVE OTOLARYNGOLOGY*
  Bartholomew, R. A., Zamani, A. A., Kim, G. S., Alyono, J. C., Steinert, H., Fridman, V., Sadjadi, R., Jackler, R. K., Corrales, C.
  2020
- **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

- **Effects of Pregnancy on Otosclerosis.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
  Qian, Z. J., Alyono, J. C.
  2020: 194599820907093

- **Neonatal retropharyngeal abscess with complications: Apnea and cervical osteomyelitis.** *International journal of pediatric otorhinolaryngology*
  Ali, N., Alyono, J. C., Koltai, P. J.
  2019; 126: 109613

- **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

- **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

- **An association between marijuana use and tinnitus.** *American journal of otolaryngology*
  Qian, Z. J., Alyono, J. C.
  2019: 102314

- **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

- **Occupational Noise Exposure and Risk for Noise-Induced Hearing Loss Due to Temporal Bone Drilling.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Vaisbuch, Y., Alyono, J. C., Kandathil, C., Wu, S. H., Fitzgerald, M. B., Jackler, R. K.
  2018; 39 (6): 693–99

- **Vertigo and Dizziness: Understanding and Managing Fall Risk.** *Otolaryngologic clinics of North America*
  Alyono, J. C.
  2018

- **Practice of Otology During the First Quarter Century of the American Otological Society (1868-1893).** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Sioshansi, P. C., Jackler, R. K., Alyono, J. C.
  2018; 39 (4S Suppl 1): S10–S29

- **Women of the American Otological Society.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Alyono, J. C., Jackler, R. K., Chandrasekhar, S. S.
  2018; 39 (4S Suppl 1): S69–S80

- **The American Otological Society at its Sesquicentennial: Insights Into the Society's Formative Years.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Jackler, R. K., Alyono, J. C., Mudry, A. C.
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- **Women of the American Otological Society.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Alyono, J. C., Jackler, R. K., Chandrasekhar, S. S.

2018; 39 (4S Suppl 1): S69–S80

- **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
- **Mandibular Distraction in a Patient With Type II Collagenopathy.** *journal of craniofacial surgery*
  Garza, R. M., Alyono, J. C., Dorfman, D. W., Wan, D. C.
  2016: -?
- **Inflammatory Pseudotumors of the Skull Base: Meta-Analysis** *OTOLOGY & NEUROTOLOGY*
  Alyono, J. C., Shi, Y., Berry, G. J., Recht, L. D., Harsh, G. R., Jackler, R. K., Corrales, C. E.
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- **Inflammatory Pseudotumors of the Skull Base: Meta-Analysis.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Alyono, J. C., Shi, Y., Berry, G. J., Recht, L. D., Harsh, G. R., Jackler, R. K., Corrales, C. E.
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- **Development and Characterization of Chemical Cochleostomy in the Guinea Pig** *OTOLARYNGOLOGY-HEAD AND NECK SURGERY*
  Alyono, J. C., Corrales, C. E., Huth, M. E., Blevins, N. H., Ricci, A. J.
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- **Should Pediatric Tympanomastoidectomy and Cochlear Implantation Routinely Be Performed as Outpatient Surgery?** *LARYNGOSCOPE*
  Alyono, J. C., Oghalai, J. S.
  2015; 125 (5): 1041-1042
- **Second branchial cleft anomaly with an ectopic tooth: a case report.** *Ear, nose, & throat journal*
  Alyono, J. C., Hong, P., Page, N. C., Malicki, D., Bothwell, M. R.
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- **Facial nerve schwannomas presenting as occluding external auditory canal masses: a therapeutic dilemma.** *Otology & neurotology*
  Alyono, J. C., Corrales, C. E., Gurgel, R. K., Blevins, N., Jackler, R. K.
  2014; 35 (7): 1284-1289
- **Otalgia, Facial Nerve Paralysis, and Hearing Loss** *JAMA OTOLARYNGOLOGY-HEAD & NECK SURGERY*
  Alyono, J. C., Corrales, C., Oghalai, J. S.
  2014; 140 (6): 575–76
- **PHYS 488-DCDHF photophysics: Designing new single-molecule fluorophores for cellular imaging**
  Lord, S. J., Lu, Z., Wang, H., Alyono, J., Liu, N., Weber, R., Twieg, R. J., Moerner, W. E.
  AMER CHEMICAL SOC.2006
- **ORGN 54-Synthesis and properties of DCDHF chromophore dimers**
  Liu, N., Bertke, J. A., Bunge, S. D., Twieg, R. J., Lord, S. J., Alyono, J., Moerner, W. E.
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