

Sameer A. Alvi

EDUCATION & WORK EXPERIENCE

University of Missouri Kansas City – Kansas City, Missouri	Aug 2007 – May 2009
• Bachelor of Liberal Arts	
University of Missouri Kansas City School of Medicine – Kansas City, Missouri	June 2009 – May 2013
• Doctor of Medicine	
University of Kansas School of Medicine – Kansas City, Kansas	June 2013 – June 2018
• Residency in Otolaryngology – Head & Neck Surgery	
Rush University Medical Center – Chicago, Illinois	July 2018 – June 2019
• Hearing Restoration and Ear Research Foundation Clinical Research Fellow	
Chicago ENT, Ltd. – Chicago, Illinois	July 2018 – June 2019
• Employed General Otolaryngologist	

PEER-REVIEWED PUBLICATIONS

1. Yalamanchali S, Alvi S, Hamill C, Humphrey C, Kriet J. An Analysis of Brow Position after Paramedian Forehead Flap. *JAMA Facial Plast Surg*. 2018 July 26. PMID 30054633.
2. Wichova H, Alvi S, Shew M, Lin J, Sale K, Larsen C, Staecker H. Tinnitus Perception in Patients After Vagal Nerve Stimulator Implantation for Epilepsy. *Am J Otolaryngol*. 2018 July 11. PMID 30025741.
3. Judge P, Alvi S, Tawfik K. Priorities in the Neurotology Fellowship Match: a Survey Study of Program Directors and Fellows. *Ann Otol Rhinol Laryngol*. 2018 June 1. PMID 29925248.
4. Alvi S, Jones J, Porter P, Perryman M, Nelson K, Francis C, Larsen C. Steroid Versus Antibiotic Drops in the Prevention of Post-Operative Myringotomy Tube Complications. *Ann Otol Rhinol Laryngol*. 2018 May 28. PMID 29807438.
5. Alvi S, Nelson-Brantley J, Staecker H. Alginate Ototoxicity in the Mouse Model. *Otolaryngol – Head Neck Surg*. 2018 May 1. PMID 29759021.
6. Alvi S, Flynn J, Gener M, Cullen R. Burkitt Lymphoma of the Temporal Bone. *Otol Neurotol*. 2018 Mar 27. PMID 29595582.
7. Alvi S, Hamill C, Lapse J, Ayala M, Girod D, Tsue T, Shnyder L, Kakarala K. Outcomes Following Free Tissue Transfer after Composite Resection Involving Skin. *Head Neck*. 2018 Jan 23. PMID 29360278.
8. Alvi S, Jones J, Lin J. Bilateral Ossicular Head Dehiscence into the Middle Cranial Fossa. *Ann Otol Rhinol Laryngol*. 2018 Jan 9. PMID 29313370.
9. Bhalla V, Chowdhury N, Muelleman T, Alvi S, Hamill C, Chamoun R, Beahm D. Two Cases of Sinonasal Teratocarcinoma: Confounders, Treatment and Review of the Literature. *J Otolaryngol Rhinol*. 2017 Nov 29. DOI 10.23937/2572-4193.1510033.

10. New J, Arnold L, Ananth M, **Alvi S**, Thornton M, Werner LR, Tawfik O, Dai H, Shnayder Y, Kakarala K, Tsue T, Girod D, Ding WX, Anant S, Thomas SM. Secretory Autophagy in Tumor Associated Fibroblasts Promotes Head and Neck Squamous Cell Carcinoma Progression and Emerges as a Novel Therapeutic Target. *Cancer Res.* 2017 Sep 28. PMID: 28972076.
11. Muelleman T, Shew M, **Alvi S**, Shah K, Chamoun R, Staecker H, Lin J. Endoscopically Assisted Drilling, Exposure of the Fundus Through a Presigmoid Retrolabyrinthine Approach: A Cadaveric Feasibility Study. *Otolaryngol – Head Neck Surg.* 2017 Sept 26. PMID 28948858.
12. **Alvi S**, Karadaghy O, Manalang M, Weatherly R. Clinical Manifestations of Neuroblastoma with Head and Neck Involvement in the Pediatric Setting. *Int J Pediatr Otorhinolaryngol* 2017 Apr 10. PMID 28483228.
13. Chowdhury N*, **Alvi S***, Kimura K, Tawfik O, Manna P, Beahm D, Robinson A, Kerly S, Hoover L. Outcomes of HPV-Related Nasal Squamous Cell Carcinoma. *Laryngoscope* 2017 Mar 8. PMID 28271500.
 - *Dr. Chowdhury and Dr. Alvi are co-authors.

MANUSCRIPTS IN SUBMISSION/REVISION

1. Flynn J, Pavelonis A, Ledbetter L, Bhalla V, **Alvi S**, Chiu A, Villwock J. The utility of pre-operative imaging and intrathecal fluorescein in the operative management of cerebrospinal fluid rhinorrhea. *Laryngoscope.* Submitted 2018 July.
2. **Alvi S**, Shew M, Wichova H, Lin J. Juxtafacial Lipoma within the Mastoid Bone. *Otolaryngol – Head Neck Surg.* Submitted 2018 July.
3. **Alvi S**, Villwock M, Jones J, Villwock J, Bur A. The Medical Intensive Care Unit (MICU) Tracheostomy Patient: Mortality and Economic Morbidity. *Otolaryngol – Head Neck Surg.* Submitted 2018 June.
4. McCann A, **Alvi S**, Villwock J, Kakarala K, MD, Staecker H, Chiu A, MD. Atypical Form of Cervicofacial Actinomycosis Involving the Skull Base and Temporal Bone: Case Report. *Ann Otol Rhinol Laryngol.* Submitted 2018 May.

MANUSCRIPTS IN DRAFT

1. Wichova H, Shew M, **Alvi S**, Ledbetter L, Lin J. Diagnosis of Mesial Temporal Lobe Sclerosis Following Temporal Bone Encephalocele Repair for Medically Refractory Seizures.
2. Boyd C, **Alvi S**, Ledbetter L, Bhalla V, Villwock M, Wingfield M, Beahm D, Lin J. Does radiographic paranasal sinus disease correlate with middle ear and mastoid opacification?
3. Schmitt H, Lenarz T, Prenzler N, Durisin M, **Alvi S**, Staecker H, Warnecke A. Bioinformatic analysis of the human inner ear: understanding the status of the health of the inner ear.

ORAL PRESENTATIONS

1. **Alvi S**, Jones J, Porter P, Nelson K, Perryman M, Francis C, Larsen C. Steroid Versus Antibiotic Drops in the Prevention of Post-Operative Myringotomy Tube Complications. Oral at Missouri Society of Otolaryngology Annual Spring Meeting, St. Louis MO (2018).

2. **Alvi S**, Staecker H. The Role of Neurotrophins on the Peripheral Auditory System. Chief Grand Rounds, Kansas City KS (2017).
3. **Alvi S**, Nelson-Brantley J, Staecker H. Alginate Ototoxicity in the Mouse Model. Alumni Day Research Symposium, Kansas City KS (2017).
4. **Alvi S**, Chiu A. In-office balloon sinuplasty; fact or fiction? Grand Rounds at Annual Department Winter Meeting, Copper Mountain CO (2017).
5. **Alvi S**, Hamill C, Lepse J, Ayala M, Girod D, Tsue T, Shnayder L, Kakarala K. Outcomes Following Free Tissue Transfer after Composite Resection Involving Skin. Alumni Day Research Symposium, Kansas City KS (2016).
6. **Alvi S**, Chowdhury N, Kimura K, Tawfik O, Manna P, Beahm D, Robinson A, Kerly S, Hoover L. Incidence of HPV Identified in Squamous Cell Carcinoma of the Nasal Cavity. Oral at American Rhinologic Society Annual Meeting, Dallas TX (2015).
7. **Alvi S**, Karadaghy O, Manalang M, Weatherly R. Clinical Manifestations of Neuroblastoma with Head and Neck Involvement in the Pediatric Setting. Oral at SENTAC Annual Meeting, Long Beach CA (2015).

POSTER PRESENTATIONS

1. Mallory M, Staecker H, Camarata P, Chamoun R, Badkul R, TenNapel M, **Alvi S**, Wang F. Fractionated Stereotactic Radiotherapy for Large Vestibular Schwannomas. Poster at American Society for Radiation Oncology Annual Meeting. San Diego, CA (2017).
2. Yalamanchali S, **Alvi S**, Hamill C, Humphrey C, Kriet J. An Analysis of Brow Position after Paramedian Forehead Flap. Poster at American Academy of Facial Plastics & Reconstructive Surgery Annual Meeting. Phoenix, AZ (2017).
3. McCann A, **Alvi S**, Villwock J, Kakarala K, MD, Staecker H, Chiu A, MD. Atypical Form of Cervicofacial Actinomyces Involving the Skull Base and Temporal Bone: Case Report. Poster at American Rhinologic Society Annual Meeting. Chicago, IL (2017).
4. Mallory M, Staecker H, Camarata P, Chamoun R, Badkul R, TenNapel M, **Alvi S**, Wang F. Fractionated Stereotactic Radiotherapy for Large Vestibular Schwannomas. Poster at American Society for Radiation Oncology Annual Meeting. San Diego, CA (2017).
5. Staecker H, Lenarz T, **Alvi S**, Prenzler N, Schmitt H, Warnecke A. Analysis of the Human Inner Ear: Understanding the Status of the Peripheral Auditory System in Cochlear Implantation. Poster at Conference on Implantable Auditory Prostheses. Lake Tahoe, CA (2017).
6. Muelleman T, Shew M, **Alvi S**, Shah K, Staecker H, Chamoun, Lin J. Endoscopically Assisted Drilling and Exposure of the Entire Length of the Internal Auditory Canal through a Presigmoid Retrolabyrinthine Approach—a Cadaveric Feasibility Study. Poster at North American Skull Base Society Annual Meeting. New Orleans, LA (2017).
7. **Alvi S**, Hamill C, Lepse J, Ayala M, Girod D, Tsue T, Shnayder L, Kakarala K. Outcomes Following Free Tissue Transfer for Composite Oral Cavity Resections Involving Skin. Poster at American Head & Neck Society International Conference on H&N Cancer, Seattle WA (2016).

8. Ayala M, Wood V, **Alvi S**, Lepse J, Sykes K, Girod D, Shnayder L, Tsue T, Kakarala K. Risk Factors for Gastrostomy Tube Placement Following Oral Cavity Reconstruction with Free Tissue Transfer. Poster at American Head & Neck Society International Conference on H&N Cancer, Seattle WA (2016).
9. Bhalla V, Chowdhury N, **Alvi S**, Chamoun R, Beahm D. Two Cases of Sinonasal Teratocarcinoma: Confounders, Treatment, and Review of the Literature. Poster at North American Skull Base Society Annual Meeting. Scottsdale, AZ (2015).

RESEARCH EXPERIENCE & ONGOING PROJECTS

- Dural sinus thrombosis after surgery of the posterior fossa. In progress.
 - Retrospective study. IRB, data collection.
- Outcomes of microsurgery for acoustic neuroma after prior radiation. In progress.
 - Systematic review with retrospective study. Article review, IRB, data collection.
- The effect of vagal nerve stimulation on chronic tinnitus. In progress.
 - Retrospective and prospective study. IRB, data collection, patient recruitment.
- The association of benign intracranial hypertension on magnetic resonance imaging in patients with superior semicircular canal dehiscence. In progress.
 - Retrospective study. IRB, data collection.
- Normative data set identifying properties of the macula across age groups: integration of visual function and retinal structure with microperimetry and spectral-domain optical coherence tomography
 - Student research assistant at Sabates Eye Centers, with UMKC Dept. of Ophthalmology

AWARDS & SCHOLARSHIPS

Resident Book Award	2018
• Given for high performance on otolaryngology in training exam	
Missouri Society of Otolaryngology Annual Spring Meeting	2018
• Research award	
Oscar T. Pinsker Otology Resident Award	2017
• Recognizes outstanding clinical and surgical excellence in the field of Otology by a resident	
Midwest Head & Neck Cancer Consortium	2017
• 3 rd place research presentation	
Bright Flight Scholarship	2009
• Awarded to top 3% of incoming Missouri college freshman	
Curators Scholar Award	2009
• Awarded to top 5% of incoming Missouri college freshman	

PROFESSIONAL MEMBERSHIPS

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| • American Neurotology Society | 2017 |
| • American Academy of Otolaryngology | 2013 |

MEETINGS & COURSES

- Missouri Society of Otolaryngology Annual Spring Meeting** Mar 2018
- Attended and presented at annual meeting in St. Louis, MO
- American Neurotology Society Annual Meeting** Sep 2017
- Attended in Chicago, IL
- Kansas City Society of Ophthalmology and Otolaryngology** Feb 2015 – 2017
- Attended annual meeting in Kansas City, MO
- Advanced Temporal Bone Dissection Course** Dec 2016
- Ohio State University Medical Center, Drs. Oliver Adunka, Edward Dodson, and Aaron Moberly
- North Carolina Temporal Bone Course** Oct 2016
- Carolina Ear Research Institute, Dr. John McElveen
- Techniques in Endoscopic Sinus Surgery Course** Aug 2015
- St. Louis University School of Medicine
- Stryker Anterior Skull Base Dissection Course** Feb 2015
- University of Kansas School of Medicine

LEADERSHIP

- Medical Student Head & Neck Practicum** July 2015 – July 2016
- Initiated and taught third year medical students practicum on head & neck physical examination
- Resident Council** July 2014 – June 2015
- Served on committee overseeing residency affairs
- Council on Selection Student Representative** June 2012 – May 2013
- Elected student representative to participate on council involved with interviewing prospective student applicants as well as reviewing all applications for admission to School of Medicine
- Docent Council Student Representative** June 2011 – May 2012
- Elected student representative to participate in monthly meetings with attending physicians to discuss changes to the School of Medicine curriculum
- MS3 Class President** June 2011 – May 2012
- Elected by School of Medicine Class of 2013
- University Student Ambassador** June 2010 – Dec 2010
- Served on student panel for prospective applicants

COMMUNITY SERVICE

- Global Medical Brigades** Aug 2010 – May 2013
- Founder of UMKC chapter of national organization, established in August 2010
 - Recruited group of 44 medical students and 3 health care professionals to travel to Honduras for medical trip

- Provided primary health care services including assessment and medication dispensing, in addition to dental work to over 1,000 patients over one week in May 2011

GlobeMed

Jan 2010 – Dec 2010

- Chaired the GlobeMed Olympics, a three day tournament hosted for UMKC students, in which we raised approximately \$500 which were all donated to KCRC, an HIV/AIDS clinic and our chapter's direct partner in Bushenyi District, Uganda
- Collected over \$400 in donations from local businesses to sponsor the GlobeMed Olympics and the Culture Fest

Kansas City Free Eye Clinic

April 2010 – June 2011

- Volunteered to help set up the eye clinic foundation at Sojourner Health Clinic, a student run free health clinic for the underprivileged and homeless population of downtown Kansas City, held weekly

HOBBIES & INTERESTS

- Traveling, hiking, intramural sports, cooking