**Curriculum Vitae**

David J. Eisenman, MD

Associate Professor

Department of Otorhinolaryngology-Head & Neck Surgery

University of Maryland School of Medicine

**CONTACT INFORMATION**

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**EDUCATION**

1. 1987 Columbia College, Columbia University; BA, Greek classics

(*Dean's list*- *all eligible semesters*, *Magna cum Laude*, *Phi Beta Kappa*)

1987- 1992 Yale University School of Medicine; MD (Thesis: Maimonides’ Philosophic Criticism of Galen; Supervisors: Heinrich von Staden, PhD and Arthur Viseltear, PhD)

**POST GRADUATE EDUCATION**

1993 Intern, General Surgery, The New York Hospital- Cornell

Medical Center, New York, NY.

1. 1994 Resident, General Surgery, The New York Hospital- Cornell

Medical Center, New York, NY.

1. 1997 Resident, Otolaryngology- Head and Neck Surgery, Manhattan

Eye, Ear & Throat Hospital, New York, NY.

1. 1998 Chief Resident, Otolaryngology- Head and Neck Surgery,

Manhattan Eye, Ear & Throat Hospital, Lenox Hill Hospital, The New York Hospital- Cornell Medical Center, Memorial Sloan Kettering Cancer Center, New York, NY.

1. 2000 Fellow, Otology/Neurotology- Skull Base Surgery, Dept. of

Otolaryngology- Head & Neck Surgery, University of Michigan,

Ann Arbor, MI. (accredited by the ACGME)

2002-2003 Clinical Scholars Course in Outcomes Studies, American Academy of Otolaryngology- Head & Neck Surgery.

**CERTIFICATION**

1. National Board of Medical Examiners,
2. American Board of Otolaryngology, Diplomat
3. Specialty Board Certification in Neurotology, American Board of Otolaryngology

**MEDICAL LICENSURES**

2002 State of Maryland, Department of Health and Mental Hygiene, Maryland Board of Physician Quality Assurance (active)

# Military Service

LTC, USAR (IRR), MC. July 2002- 2008.

MAJ, USA, MC. Active duty, Walter Reed Army Medical Center, Washington, DC, Department of Surgery, Section of Ear, Nose & Throat, 2000-2002

**EMPLOYMENT HISTORY**

Major Clinical Tasks

2000-2002 Chief, Otology & Neurotology, Walter Reed Army Medical Center, Department of Surgery, Section of Ear, Nose & Throat

2002-2005 Associate Physician, The Washington ENT Group

2005- present Vice-Chairman and Director of Otology, Neurotology & Audiology, Department of Otorhinolaryngology- Head & Neck Surgery, University of Maryland School of Medicine.

# Faculty Appointments

2001 - 2003 Assistant Professor, Department of Surgery, Uniformed University Services of the Health Sciences.

2005- 2011 Assistant Professor, Department of Otorhinolaryngology- Head & Neck Surgery, University of Maryland School of Medicine.

2011- present Associate Professor, Department of Otorhinolaryngology- Head & Neck Surgery, University of Maryland School of Medicine.

**PROFESSIONAL MEMBERSHIPS**

1994-2009 American Medical Association, *Member*

2000-present American Academy of Otolaryngology-Head and Neck Surgery, *Fellow*

2006-2009 MedChi, Maryland State Medical Society, *Member*

2006-2009 Montgomery County Medical Society*, Member*

2006-present Maryland Society of Otolaryngology*, Member*

2016- present American Neurotology Society, *Fellow*

2018- present Triological Society, *Active Fellow*

2019- present American Otological Society, *Active member*

**HONORS AND AWARDS**

1986 Undergraduate Research Fellowship, Columbia University, Department of Biology.

1988 Logan-Clendening Traveling Fellowship for Research in the History of Medicine (sponsored by the University of Kansas), Oxford University, Oxford, United Kingdom.

1988 & 1989 Short Term Research Fellowships, Yale University School of Medicine

1989 John F. Fulton Memorial Award for Research in the History of Medicine, Yale University School of Medicine.

2006 Outstanding Teaching Award, Dept. of Otorhinolaryngology- Head & Neck Surgery, University of Maryland.

2006 Eye of the Tiger Award (legislative advocacy), American Academy of Otolaryngology- Head & Neck Surgery.

2007 Outstanding Teaching Award, Dept. of Otorhinolaryngology- Head & Neck Surgery, University of Maryland.

2018 *With Distinction Award* for Triological Society Thesis

**CLINICAL ACTIVITES**

Director, Division of Otology & Neurotology

University of Maryland Medical Center Outpatient Clinic

Tinnitus and Hyperacusis Program

Cochlear Implant Program

Interdisciplinary Skull Base Surgery Program

**ADMINISTRATIVE SERVICES**

**Institutional Service**

1. – Present Vice-Chairman, Department of Otorhinolaryngology- Head & Neck Surgery, University of Maryland School of Medicine

2005-Present Member, Executive Committee, Department of Otorhinolaryngology- Head & Neck Surgery, University of Maryland School of Medicine

1. – 2010 Medical Executive Committee- University of Maryland Medical Center
   1. Performance Improvement Steering Committee- University of Maryland Medical Center
   2. Ambulatory Care Center Operations Committee- University of Maryland Medical Center
   3. Implementation Planning Committee (EMR) University of Maryland Medical Center
   4. Perioperative Executive/Advisory Committee- University of Maryland Medical Center
2. –2019 Residency Program Director & Director of Education,

Department of Otorhinolaryngology- Head & Neck Surgery

University of Maryland School of Medicine

* Oversaw increase in Residency complement from 10 to 15 residents, and oversee ongoing implementation
* Supervision of entire residency education program, including clinical and research rotations, and formal didactics
* Approve selection of all new faculty, and continued participation of all current faculty based on annual evaluations
* Chair, Clinical Competency Committee
* Prepare and submit all information required by RRC
* Implement all RRC and sponsoring institution policies and procedures for resident duty hours and the working environment; selection, evaluation and promotion of residents; disciplinary action; and supervision of residents;

2007- 2020 Graduate Medical Education Committee, University of Maryland Medical Center, Member

2014-Present Chair, Clinical Competency Committee, Department of Otorhinolaryngology- Head & Neck Surgery, University of Maryland School of Medicine.

2010- present Interviewer, UMSOM Admissions Committee.

2019-present Dept. of OTO-HNS, Research Committee

**Local, National & International Service**

*Professional*

2005-2009 Equilibrium Committee, Voting member, American Academy of Otolaryngology- Head & Neck Surgery

2006-2007 Secretary/Treasurer *Maryland Society of Otolaryngology*

2007-2008 President, Maryland Society of Otolaryngology

1999-present Ad hoc reviewer*, Otolaryngology- Head & Neck Surgery*

2005- 2010 Physician member, Maryland State Board of Examiners of Audiologists, Hearing Aid Dispensers and Speech-Language Pathologists,.

2006-Present Ad hoc reviewer, *Otology & Neurotology*

2006-2012 Ad hoc reviewer, *The Neurologist*

2008-2011 Member, AVIsrael (non-profit advocacy organization for deaf children)

1. Ad hoc reviewer, *Journal of Biomechanics*

2019- 2021 Imaging Committee, Voting member, American Academy of Otolaryngology- Head & Neck Surgery

2019-present Editorial Board, *Otology & Neurotology*

2019-present Ad hoc reviewer, *The Laryngoscope*

2020 Ad hoc reviewer, *Journal of Neuroradiology*

2020 Editorial Board, *The Laryngoscope*

2019-present Board Member, The Pulsatile Tinnitus Foundation

*Non-professional*

* 1. Educational director, Kemp Mill Synagogue,

2006-2008 Board Member, Melvin J. Berman Hebrew Academy, Rockville, MD

2000-present Weekly advanced Talmud class, Kemp Mill Synagogue

**TEACHING ACTIVITIES**

* 1. Instructor,

*Fundamentals of Chemistr*y,

Columbia College.

* 1. Faculty,

*Temporal Bone Dissection Courses*,

University of Michigan.

* 1. Lecturer,

D*ivision of Otology Team Teaching,*

University of Michigan Department of Otolaryngology- Head & Neck Surgery

* 1. Clinical Skills Instructor,

*Introduction to the Patient (2nd year course)*,

University of Michigan Medical School.

1. Laboratory Preceptor,

Introduction to Clinical Anatomy: Head & Neck *(1st year course)*,

University of Michigan Medical School.

2005-present Otologic Emergencies, annual lecture to OTO-HNS residents and medical students

2005-2008 Laboratory Preceptor,

Introduction to Clinical Anatomy: Head & Neck (*1st year course)*

UMSOM (2 contact hours/year)

2010- present Morning Otology Conference, every other Tuesday (Audiology staff, Residents & Medical Students)

2013-2018 Preceptor, Introduction to Clinical Medicine, Head & Neck exam, UMSOM (2 contact hours/year).

2014-present GPILS 641, Systems and Cognitive Neuroscience, “Vestibular System: Anatomy and Physiology,” UMSOM (2 contact hours/year)

2014- present Anatomy and Neurobiology, “Vestibular System: Anatomy and Physiology,” UMSOM. (including Clinical Correlations lecture) (3.0 contact hours/year)

2020 Joint AM Otology conference with Rambam Hospital, Haifa, Israel; twice monthly

Spring 2020 COVID-19 Surge Didactics (additional lectures given to medical students and residents during pandemic stay-at-home period with suspension of in person clinical education)

1. March 19: Surgery for Conductive Hearing Loss and Otosclerosis

2. March 25: Otology Jeopardy, Part 1

3. March 26: Evaluation of the Dizzy Patient

4. April 2: Otology Jeopardy, Part 2

5. April 6: Approaches to the Cerebellopontine Angle

6. April 20: Vestibular Testing, Part 1 (VNG)

7. April 23: Temporal Bone Imaging, Part 1 (with Dr. Morales)

8. April 27: Vestibular Testing, Part 2 (Rotational Chair, VEMP, vHIT)

9. April 30: UMSOM students: Evaluation of Patient with Vertigo in the Primary Care Setting

10. May 7: Journal Club: Cochlear implants- Bimodal, Bilateral, SSD

11. May 13: UMSOM students- Case discussions

12. May 14: Evaluation and Management of Acute Facial Paralysis

13. May 18: Temporal Bone Imaging, Part 2: Pulsatile Tinnitus (with Drs. Raghavan & Morales)

14. May 21: Temporal Bone Trauma

**Mentoring**

2006-2011 Resident mentor, Hernan Goldsztein, MD

-successfully chosen for competitive Neurotology fellowship

2006- 2011 Resident mentor, Ronna Hertzano, MD, PhD

- selected for full-time faculty at UMSOM

-multiple publications

2007- 2010 Medical Student, Mira Herman

* 1. Medical Student, Rebecca Harvey

- published two peer-reviewed papers

- successfully matched into OTO-HNS residency

2012-2014 Medical Student, Andrew Bluher

* 1. Medical Student, Aryeh Lapin

-published peer-reviewed paper

2010-2013 Resident, Andleeb Khan, MD

-successfully placed in Neurotology fellowship of choice

-published peer-reviewed manuscript

2011-2016 Resident, Kristen Angster, MD

-successfully matched into accredited Neurotology Fellowship

-2 abstracts presented at international meetings

2012-2017 Resident, Richard Vincent, MD

-successfully placed in Otology fellowship of choice

- published 2 manuscripts

* 1. Medical Student, Saikrishna Gourishetti

-two posters presented at national meetings

-two manuscripts to peer-reviewed journals

-successfully matched into OTO-HNS residency

2016-2018 Medical Student, Daniel Hewes

-manuscript submitted to peer-reviewed journal

- oral presentation at national meeting

-successfully matched into OTO-HNS residency

2018-2019 Resident, Taylor Teplitzky

-poster presentation at a national meeting

-manuscript submitted to peer-reviewed journal

2019-2020 Medical Student, Kavita Bhatnagar

-3 posters at international meeting

-2 published peer-reviewed manuscripts

2019-2020 Medical Student, Neila Kline

-poster at international meeting

-2 published peer-reviewed manuscripts

# GRANT SUPPORT

# Jan. 2002- Dec. 2003 Eisenman, PI

# United States Army, Advances in Medical Practice Grant

# *Initiation of Cochlear Implantation Program at Walter Reed Army Medical Center,* $277,000.

# May 2014- May 2015. Eisenman, Co-PI

# Study of OTO-104 Given as a Single Intratympanic injection in subjects with unilateral Meniere's Disease

# Institute Proposal Number 14081755

# Total funds $98,964 ($76,126 direct costs and $22,838 F&A),

1. Dec. 2015- Dec. 2016 Eisenman, Co-investigator

Assessment of Headache Types in Otolaryngology

Sponsor: Duke Clinical Research Institute

1. July 2017- June 2020 Eisenman, Co-PI (UMSOM site)

“Center for Excellence in Cochlear Implants”

MPower, State of Maryland Grant

Total direct and indirect funds ~$300,000

1. Sept. 2018- Sept. 2020 Eisenman, PI

Efficacy of Vibe bone transducer for minimizing dizziness during caloric testing

Sponsor: OtolithSound, Inc

Institute Proposal Number: 19030610

Total direct and indirect funds: $39,975 ($30,750.27 direct, $9,225.08 F&A)

**PATENTS**

1. Hirsch J and Eisenman DJ. “Ossicular Prosthesis and Method and System for Manufacturing Same.” U.S. Patent Number 10,646,331 issued on May 12, 2020.

**PUBLICATIONS** (\* indicates first or senior author)

Peer-Reviewed Publications

1. Xia Y, **Eisenman D**, Haddad GG. Sulfonylurea Receptor Expression in Rat Brain: Effect of Chronic Hypoxia during Development. *Pediat Res* 1993;34:634-641.
2. Selesnick SH, Victor JD, Tikoo RK, **Eisenman DJ\***. Predictive Value of Intraoperative Brainstem Auditory Evoked Responses in Surgery for Conductive Hearing Losses. *Am J Otol* 1997;18:2-9.
3. **Eisenman DJ\***, Parisier SC. Is Chronic Otitis Media with Cholesteatoma Associated with Neurosensory Hearing Loss? *Am J Otol* 1998;19:20-24. (Reprinted in Home Study Course, American Academy of Otolaryngology- Head & Neck Surgery, *Congenital & Pediatric Problems*, 1999-2001)
4. Selesnick SH, Nguyen TP, **Eisenman DJ\***. Surgical Treatment of Acquired External Auditory Canal Atresia. *Am J Otol* 1998;19:123- 130.
5. **Eisenman DJ\***, Digoy P, Victor JD, Selesnick SH. Topical Papaverine and Facial Nerve Dysfunction in Cerebellopontine Angle Surgery. *Am J Otol* 1999; 20:77- 80.
6. **Eisenman DJ\***, Parisier SC. Meatoplasty- the Cartilage of the Floor of the Ear Canal. *Laryngoscope 1999;*109 :840- 2.
7. **Eisenman DJ\***. Letter to the Editor re: *“Ethics of Cochlear Implantation in Young Children.”* *Otolaryngol Head Neck Surg* 1999;121: 670- 1.
8. El-Kashlan HK, **Eisenman D**, Kileny PR. Auditory brain stem response in small acoustic neuromas. ***Ear Hear***2000;21: 257-62.
9. **Eisenman DJ\***, Arts HA. Effectiveness of Treatment for Idiopathic Sudden Sensorineural Hearing Loss. *Arch Otolaryngol Head Neck Surg* 2000;126: 1161-4.
10. **Eisenman DJ\***, Speers R, Telian SA. Labyrinthectomy versus Vestibular Neurectomy: Long-Term Physiologic and Clinical Outcomes. *Otol Neurotol* 2001;22: 539-48.
11. **Eisenman DJ\***, Ashbaugh C, Zwolan T, Arts HA, Telian SA. Implantation of the malformed cochlea. *Otol Neurotol* 2001;22: 834-41.
12. Martin JE, Neal CJ, Monacci WT, **Eisenman, DJ\***. Superior Semicircular Canal Dehiscence: A new indication for middle fossa craniotomy. *J Neurosurg* 2004; 100:125-7.
13. Choi BY, Stewart AK, Madeo AC, Pryor SP, Lenhard S, Kittles R, **Eisenman D**, Kim HJ, Niparko J, Thomsen J, Amos KS, Nance WE, King KA, Zalewski CK, Brewer CC, Shawker T, Reynolds JC, Butman JA, Karniski LP, Alper SA, Griffith AJ. Hypo-functional SLC26A4 variants associated with nonsyndromic hearing loss and enlargement of the vestibular aqueduct: genotype-phenotype correlation or coincidental polymorphism? *Human Mutation* 2009; 30: 599-608.
14. King KA., Choi BY, Zalewski C, Madeo AC, Manichaikul A, Pryor SP, Ferruggiaro A, **Eisenman D**, Kim HJ, Niparko J, Thomsen J, Butman JA, Griffith AJ, Brewer CC. *SLC26A4* genotype, but not cochlear radiologic structure, is correlated with hearing loss in ears with an enlarged vestibular aqueduct (EVA). *Laryngoscope* 2009; 120: 384-389*.*
15. Hatten K, Gulleth Y, Meyer T, **Eisenman DJ\***. Aural Myiasis of the External and Middle Ear. *Annals Otol Rhinol Laryngol* 2010; 119: 436-8.

1. Hertzano R, Puligilla C, Chan S, Timothy C, Depireux DA, Ahmed A, Wolf J, **Eisenman DJ**, Friedman TB, Riazuddin S, Kelley MW, Strome SE. CD44 is a marker for the outer pillar cell in the early post-natal mouse inner ear. *J Assoc Res Otolaryngol.* 2010;11:407-18*.*
2. Hertzano, R and **Eisenman DJ\***. Stapes bar as a cause of conductive hearing loss. Archives *Otolaryngol Head Neck Surg* 2010;143:163-4*.*
3. Depireux, DA and **Eisenman DJ\***. What the ENT wants in the OR: Bioengineering prospects, *Int. Fed Med Biol Eng (proceedings),* v.30, 2010.
4. Hertzano R and **Eisenman DJ\***. Large, symptomatic tension pneumocele: 23 years after translabyrinthine resection of an acoustic neuroma. *Otolaryngol Head Neck Surg* 2011;144:477-8*.*
5. **Eisenman DJ\***. Sinus Wall Reconstruction for Sigmoid Sinus Diverticulum and Dehiscence: A standardized surgical procedure for a range of radiographic findings. *Otol Neurotol,* 2011;32:1116-9*.*
6. Kurima K, Hertzano R, Gavrilova O, Monahan K, Shpargel KB, Nadaraja G, Kawashima Y, Lee KY, Ito T, Higashi Y, **Eisenman DJ**, Strome SE, Griffith AJ. A Noncoding Point Mutation of Zeb1 Causes Multiple Developmental Malformations and Obesity in Twirler mice. *PLoS Genet*. 2011 Sep;7(9):e1002307..
7. Hertzano R, Elkon R, Kurima K, Morrisson A, Chan SL, Sallin M, Biedlingmaier A, Darling D, Griffith AJ, **Eisenman DJ**, Strome SE. Cell type-specific transcriptome analysis reveals a major role for Zeb1 and miR-200b in mouse inner ear morphogenesis. *PLoS Genet*. 2011 Sep;7(9):e1002309.
8. Khan A, Lapin A and **Eisenman DJ\***. Use of titanium mesh for middle cranial fossa skull base reconstruction. J Neurol Surg B *Skull Base*. 2014,75:104-9.
9. Harvey RS, Hertzano, R, Kelman, S and **Eisenman DJ\***. Pulse-synchronous tinnitus and sigmoid sinus wall anomalies: Descriptive epidemiology and the idiopathic intracranial hypertension population. *Otol Neurotol*, 2014;35:5-17.
10. Harvey RS, Mehta RI, Morales RE and **Eisenman DJ\***. An unusual case of chronic otorrhea. *JAMA Otolaryngol Head Neck Surg*. 2014;140:75-6.
11. Raghavan P, Serulle Y, Gandhi D, Morales R, Quinn K, Angster K, Hertzano R, and **Eisenman D\***. Postoperative imaging findings following sigmoid sinus wall reconstruction for pulse synchronous tinnitus. *AJNR,* 2016:37:136-42.
12. Elkon R, Milon B, Morrison L, Shah M, Vijayakumar S, Racherla M, Leitch CC, Silipino L, Hadi S, Weiss-Gayet M, Barras E, Schmid CD, Ait-Lounis A, Barnes A, Song Y, **Eisenman DJ**, Eliyahu E, Frolenkov GI, Strome SE, Durand B, Zaghloul NA, Jones SM, Reith W and Hertzano R. (2015) RFX transcription factors are essential for hearing in mice. *Nat Commun* 2015 Oct 15;6:8549. doi: 10.1038/ncomms9549.
13. Vincent R., Amin J and **Eisenman DJ\***. Facial nerve paralysis after silver nitrate application. *J J Otolaryn*. 2016;3:029.
14. Hertzano R, Teplitzky T, and **Eisenman DJ\***. Clinical Evaluation of Tinnitus. *Neuroimag Clin N Am* 2016;26:197–205.
15. **Eisenman DJ\*** and Teplitzky T. Surgical Treatment of Tinnitus. *Neuroimag Clin N Am* 2016;26:279–288.
16. Ortlip T, Drake V, **Eisenman DJ**, Hertzano R. Inflammatory Pseudotumor of the Temporal Bone: A Case Series. *Otol Neurotol* 2017;38:1024-31.
17. Hirsch J., Vincent R, **Eisenman DJ\***. Surgical Reconstruction of the Ossicular Chain with Custom 3D Printed Ossicular Prosthesis. *3D Printing Med*. 2017;3:7. <https://doi.org/10.1186/s41205-017-0015-2>. [http://rdcu.be/ux9X](http://em.rdcu.be/wf/click?upn=KP7O1RED-2BlD0F9LDqGVeSAmZ0EHoObfm0qlV4axZdUY-3D_TWICqvkROkSpJ0T5Cx9cnd4mRotkE4J02H0X8KzaSkgLt8QKIIPVI2SJ80IcF0sS4AGaS1-2BhwMiOnQuEeEpLGvtMhaO-2Bl7Lrb4ouU-2BYUcSRIoLZwHlgWN9reFYCLgvLsasRT6NrWWLAS3OcSWd34ta0Y2OrRJ-2B1Q3NU1V9jsZFFnNQ0yseOvJKI3dbUpyh2ggy-2FUjfkZKt0As-2BUcjQkX-2FXav99yM-2FHK9EdgtiGb8k2Qo55YCs-2FS6gGMr4mPPloQnhrSLHz7RcvlqI6pJRQNXTA-3D-3D).
18. **Eisenman DJ\***, Raghavan P, Hertzano R, Morales RM. Evaluation and Treatment of Pulsatile Tinnitus Associated with Sigmoid Sinus Wall Anomalies (Triological Society Thesis). *Laryngoscope* 2018 Oct;128 Suppl 2:S1-S13; doi: 10.1002/lary.27218 (Reprinted in Home Study Course, American Academy of Otolaryngology- Head & Neck Surgery, *Otology & Neurotology*, 2018-19)
19. Morales RE, **Eisenman DJ**, Raghavan P. Imaging Necrotizing Otitis Externa. *Semin Roentgenol* 2019; 54 (3), 215-226.
20. **Eisenman DJ\*,** Hertzano R, Raghavan P, Morales RM**.** In response to Letter to the Editor re: Evaluation and Treatment of Pulsatile Tinnitus Associated with Sigmoid Sinus Wall Anomalies. *Laryngoscope* 2019;129(4):E128.
21. Hewes D, Morales R, Raghavan P, **Eisenman DJ\*.** Pattern and Severity of Transverse Sinus Stenosis in Patients with Pulsatile Tinnitus Associated with Sigmoid Sinus Wall Anomalies. *Laryngoscope* 2019 Jul 13. doi: 10.1002/lary.28168. [Epub ahead of print].
22. **Eisenman DJ\*** & Guardiani E. Otolaryngology Match 2019: Why was this Year Different from Every Other Year? *Otolaryngol Head Neck Surg* 2020;162 (2), 157-159.
23. Sherlock LP & **Eisenman DJ\*.** Current Device-based Treatments for Tinnitus. *Otolaryngol Clin North Am* 2020;53(4):627-36.
24. Shader M, Nguyen N, Cleary M, Hertzano R, **Eisenman DJ**, Anderson S, Gordon-Salant S, Goupell MJ. The Effect of Stimulation Rate on Speech Understanding in Older Cochlear Implant Users. *Ear Hear May/Jun 2020;41(3):640-651.*
25. **Eisenman DJ.\*** Rereading Arrowsmith in the COVID-19 Pandemic. JAMA. 2020;324(4):319–320. doi:10.1001/jama.2020.11489(*Greater than 25,000 views on JAMA website as of 5/6/2021, with article highlighting it in LA Times by Pulitzer Prize winning journalist Michael Hiltzik, republished on 6 other news sites including MSN News*).
26. Bhatnagar K, Lataille AT, **Eisenman DJ\***. Patterns of audiometric threshold shifts from pulsatile tinnitus due to sigmoid sinus wall anomalies. *Am J Otolaryngol*. 2020;41(6):102647. doi: 10.1016/j.amjoto.2020.102647. Epub ahead of print. PMID: 32683189.
27. Kline NL, Angster K, Archer E, Raghavan P, Morales RE, Mathews MK, **Eisenman DJ\***. Association of Pulse Synchronous Tinnitus and Sigmoid Sinus Wall Abnormalities in Patients with Idiopathic Intracranial Hypertension. *Am J Otolaryngol*. 2020 Nov-Dec;41(6):102675. doi: 10.1016/j.amjoto.2020.102675. Epub 2020 Aug 13. PMID: 32854043.
28. Gourishetti S, Carter C, Nguyen NK, Sherlock LP, **Eisenman DJ**. Presence of hearing loss is Predictive of Return for Further Stages of Tinnitus Therapy Following Initial Education and Counseling. *Int J Audiol*. 2020 Nov 26:1-6. doi: 10.1080/14992027.2020.1849830. Epub ahead of print. PMID: 33243031.
29. Dreizin D, Sakai O, Champ K, Gandhi D, Aarabi B, Nam AJ, Morales RE, **Eisenman DJ**. CT of Skull Base Fractures: Classification Systems, Complications, and Management. Radiographics. 2021 Apr 2:200189. doi: 10.1148/rg.2021200189. Epub ahead of print. PMID: 33797996.
30. Bhatnagar K, Patel L, Gourishetti S, Raghavan P, **Eisenman DJ**. Imaging Characteristics of Sigmoid Sinus Wall Anomalies, Idiopathic Intracranial Hypertension, and Spontaneous CSF Leaks. Otol Neurotol. 2021 Feb 22. doi: 10.1097/MAO.0000000000003089. Epub ahead of print. PMID: 33617193.
31. Kline, NL, Bhatnagar, K, **Eisenman, DJ**, Taylor, RJ. Survival outcomes of lateral skull base tumors following temporal bone resection. Head & Neck. 2021; 1– 9. <https://doi.org/10.1002/hed.26707>
32. Teplitzky TB, Thomas JM, Raghavan P, Hebert AM, **Eisenman DJ**. Radiographic Features associated with Anterior and Middle Cranial Fossa Cerebrospinal Fluid Fistulae. (Submission under re-review).

Non-Peer-Reviewed Journal Articles & Book Chapters

1. **Eisenman DJ\*.** Review of Proctor R, *Racial Hygiene: Medicine Under the Nazis*, Cambridge: Harvard University Press, 1989. *Yale J Biol Med* 1990;63:255. (Book review)
2. **Eisenman DJ\***. Maimonides' Philosophic Criticism of Galen. Thesis, Yale University School of Medicine, 1992. (MD Thesis)
3. **Eisenman DJ\***. Maimonides' Philosophic Medicine. In: Rosner F & Kottek S eds. *Moses Maimonides: Physician, Scientist & Philosopher*. New Jersey: Jason Aronson Press, 1993:145-53. (Book chapter)
4. Schaitkin B, **Eisenman DJ\***. The Facial Muscles. In: May M and Schaitkin B eds. *The Facial Nerve: May’s 2nd edition*, New York: Thieme, 1999. (Book chapter)
5. **Eisenman DJ\***, Voigt EP, Selesnick SH. Unusual Lesions of the Cerebellopontine Angle and Internal Auditory Canal. In: Jackler RK and Driscoll C eds. *Tumors of the Ear and Temporal Bone*. Philadelphia: Lippincott-Raven, 2000. (Book chapter)
6. Hertzano R and **Eisenman DJ\***. Complications of Otitis Media. In, SE Kountakis (ed.) *Encyclopedia of Otolaryngology, Head and Neck Surgery*. New Delhi: Springer-Verlag, 2013.
7. **Eisenman DJ\*** and Hertzano R. Bilateral Vestibular Weakness. In, SE Kountakis (ed.) *Encyclopedia of Otolaryngology, Head and Neck Surgery*. New Delhi: Springer-Verlag, 2013.
8. **Eisenman DJ\***. Unilateral Vestibular Weakness. In, SE Kountakis (ed.) *Encyclopedia of Otolaryngology, Head and Neck Surgery*. New Delhi: Springer-Verlag, 2013.
9. **Eisenman DJ\***, Hirsch J. Reconstruction of the Ossicular Chain with a 3D-Printed Prosthesis. The Hearing Journal: August 2018;71(8):36-7. doi: 10.1097/01.HJ.0000544487.88138.e8

**MULTIMEDIA (\* indicates overseas/international venue)**

1. "Tone Deafness & American Idol," 'On Call': Fox 5 News at 10 (Washington DC, Television interview), Feb. 12, 2003.
2. “Hearing Loss and Vertigo,” Maryland Health Today (Public television health program, 30 min. show), July 26, 2005. http://www.umm.edu/media/video/your\_health\_eisenman\_hearing\_loss.htm
3. Maryland Public Television, Direct Connection: Your Health, “Hearing Loss.” November 5, 2012. <http://www.mpt.org/?q=node/15643>; <http://www.umm.edu/media/video/mht_hearing_loss_vertigo_eisenman%20_1.htm>
4. The Costco Connection (magazine), “Ring cycle: Treating the pain of tinnitus.” Feb 2014; 29(2):47-8.
5. National Organization for Rare Disorders, “Tinnitus.” <http://www.rarediseases.org/rare-disease-information/rare-diseases/byID/210/viewFullReport>, Full Report, Feb. 2014, updated semi-annually.
6. Men’s Health magazine, “12 Sounds You Don’t Want Your Body to Make.” Published online April 20, 2015, <http://www.menshealth.com/best-life/weird-sounds-your-body-makes>.
7. RSNA Press Release, Dec. 1, 2017. “3-D-Printed Prosthetic Implants Could Improve Treatment for Hearing Loss.” <https://press.rsna.org/timssnet/media/pressreleases/14_pr_target.cfm?ID=1970> (accessed May 7, 2018, picked up by numerous 3D printing sites online).
8. Smithsonian Magazine, “Doctors Are 3D Printing Ear Bones to Help with Hearing Loss.” <https://www.smithsonianmag.com/innovation/doctors-are-3d-printing-ear-bones-to-help-with-hearing-loss-180967560>, Dec. 18, 2017 (accessed May 7, 2018).
9. WBAL TV, “Veterans suing 3M claiming defective earplugs caused hearing loss.” <https://www.wbaltv.com/article/veterans-suing-3m-claiming-defective-earplugs-caused-hearing-loss/27346732>, aired April-May 2019 (accessed May 3, 2019).
10. Elemental online news source, “Noise-Canceling Headphones Make Some People Sick,” <https://elemental.medium.com/noise-canceling-headphones-make-some-people-sick-453e81a96352?gi=29b9b6df7701>, published online Feb. 6, 2020 (accessed Feb. 7, 2020).
11. NBC’s The Today Show, Digital edition, “How to remove stubborn earwax at home, according to experts.” <https://www.today.com/shop/how-remove-stubborn-earwax-home-according-experts-t178829> , published online April 16, 2020 (accessed April 22, 2020).
12. \*International Webinar, The Scientist Social Club, “Arrowsmith,” September 25, 2020 (with Robert Grant, Editor-in-Chief and Sally Parry, PhD).
13. \*International Webinar, “The Pulsatile Tinnitus Foundation Online Webinar,” Jan. 10, 2021. (150+ participants)

**MAJOR INVITED SPEECHES (\* indicates overseas/international venue)**

1. “Surgical Management of Bilateral Vocal Fold Motion Impairment,” Grand Rounds, Lenox Hill Hospital, Department of Otolaryngology- Head and Neck Surgery, December 1995.
2. Faculty, *Otolaryngology for the Non-Otolaryngologist: A Practical Update (CME course)*, University of Michigan Medical School, Department of Otolaryngology-Head & Neck Surgery; “A Practical Approach to the Common Causes of Vertigo in the Primary Care Setting.” October 1999
3. Guest Faculty, *Clinical Neurology course*, University of Michigan, Flint, Department of Physical Therapy; “Anatomy, Physiology and Differential Diagnosis of Vestibular Disorders.” October 1999
4. Seminar, Departments of Ophthalmology and Neurology, Division of Neuro-ophthalmology, University of Michigan, Ann Arbor, Michigan; “Clinical and laboratory diagnosis of vestibular disorders.” January 1999
5. Seminar, National Institutes on Deafness and Other Communication Disorders, Bethesda, MD; “Life after Vertigo.” April 2000
6. Faculty, *Annual Basic Science Course in Otolaryngology, Armed Forces Institute of Pathology*, Uniformed Services University of the Health Sciences, Bethesda, MD; “Temporal Bone Trauma,” “Evaluation of the Vestibular System.” 2001-03
7. Presenter and Panelist, *Treatment Options for Dizziness in 2003*, Equilibrium Subcommittee Presentation, American Academy of Otolaryngology- Head and Neck Surgery Foundation Annual Meeting; “Meniere’s Disease.” Sept. 2003
8. Grand Rounds, Walter Reed Army Medical Center, “Evaluation of the Vestibular System.” Sept. 2003
9. Invited lecturer, Vestibular Disorders Seminar, Dept. of Audiology, Walter Reed Army Medical Center, “Anatomy & Physiology of the Vestibular System,” “Temporal Bone Radiology.” June 2004
10. Grand Rounds, Holy Cross Hospital, Silver Spring, MD, “Tullio’s Phenomenon: The Variety of Clinical Presentations.” Oct. 2005
11. Armed Forces Institute of Pathology, 44th Annual Basic Science Course in Otolaryngology; “Temporal Bone Trauma,” “Rehabilitation of the Paralyzed Face.” Feb. 2006
12. Otology Seminar, Johns Hopkins Department of Otolaryngology- Head & Neck Surgery, “Uncommon causes of Tullio’s Phenomenon.” Feb. 2006
13. University of Maryland School of Medicine, “Mini-Med School;” “Hearing Loss.” Sept. 2006
14. Invited faculty, 6th Annual Gallaudet University Evoked Potentials and Vestibular Assessment Workshop, Depts. of Audiology, Walter Reed Army Medical Center/National Institute of Deafness and other Communication Disorders, “Medical & Surgical Management of Vertigo.” Sept. 2006
15. Grand Rounds, Department of Otorhinolaryngology- Head & Neck Surgery, University of Maryland, “Evaluation of vestibular disorders.” Oct. 2006
16. Neurology resident lecture series, University of Maryland Medical Center, “Evaluation of vestibular disorders.” Nov. 2006
17. Grand Rounds, Department of Otorhinolaryngology- Head & Neck Surgery, University of Maryland, “Laboratory Vestibular Testing.” Nov. 2006
18. Grand Rounds, National Capital Consortium in Otolaryngology, National Naval Medical Center, Bethesda, MD; “Temporal Bone Trauma.” Jan. 2007
19. CME lecture, The Neurology Center, PC, Bethesda, MD; “Surgical management of acute and chronic facial paralysis.” Feb. 2007
20. Grand Rounds, Department of Otorhinolaryngology- Head & Neck Surgery, University of Maryland, “Evaluation of the Vestibular System.” Dec. 2007
21. Grand Rounds, Department of Otorhinolaryngology- Head & Neck Surgery, University of Maryland, “Complications of Otitis Media.” Feb. 2008
22. Invited lecture, Dental Science Club of Washington, DC, “Management of Acute and Chronic Facial Paralysis.” Mar. 2008
23. Grand Rounds, Georgetown University Hospital, Dept. of Otolaryngology, “Management of Temporal Bone Trauma.” Mar. 2008
24. House staff lecture series, Dept. of Medicine, University of Maryland, “Evaluation of the patient with vertigo in a primary care setting.” Mar. 2008
25. Invited lecture, Hearing Loss Association of America- Greater Baltimore Chapter, “Hearing and Hearing Loss.” Sept. 2008
26. Invited lecture, Acoustical Society of America- Washington, DC Chapter, “Tinnitus: Clinical Aspects.” Oct. 2008
27. Grand Rounds, Department of Otorhinolaryngology- Head & Neck Surgery, University of Maryland, “Management of Acute Facial Paralysis.” July 2009
28. Grand Rounds, Department of Otolaryngology- Head & Neck Surgery, Johns Hopkins University School of Medicine. “Tinnitus Treatment: Fact, Fetish and Fiction.” Dec. 2008
29. Instructional course, AAO-HNS Annual Meeting, “Practical Implementation of a Tinnitus Habituation Program.” October 2009
30. Guest Faculty, University of Michigan Temporal Bone Dissection Course, Ann Arbor Michigan. “Evaluation & Management of Pulsatile Tinnitus,” Management of Temporal Bone Trauma.” October 2009
31. Grand Rounds, Department of Otolaryngology- Head & Neck Surgery, University of Michigan School of Medicine. “Tinnitus Treatment: A Critical Appraisal.” October 2009
32. Invited lecture, Hearing Loss Association of America- Greater Baltimore Chapter, “Binaural Hearing and Bilateral Cochlear Implantation.” January 2010.
33. \*Instructional Course, Israel ENT Society Meeting, “Evaluation and Treatment of Pulsatile Tinnitus.” March 2010
34. Guest Lecturer, Medical Audiology Course, Towson University Dept. of Audiology and Speech Pathology. May 2010-11.
35. Grand Rounds, Department of Neurosurgery, University of Maryland School of Medicine, “Transtemporal Approaches to the Internal Auditory Canal and Cerebellopontine Angle.” October 2010.
36. \*Instructional Course, Israel ENT Society Meeting, “Otolaryngology Training in the United States: Understanding the ACGME requirements and their application.” March 2011
37. Guest Lecturer, Maryland Academy of Audiology Annual Convention, “Understanding Bilateral Vestibular Weakness and Rotational Chair Testing.” Turf Valley, MD, October 2011.
38. Grand Rounds, Department of Neurosurgery, University of Maryland School of Medicine. “Functional Outcomes after Surgery for Vestibular Schwannoma.” November 2011.
39. Grand Rounds, Frederick Memorial Hospital, Frederick, MD. “Evaluation of the Patient with Vertigo in the Primary Care Setting.” March 2012.
40. Guest Lecturer, Maryland Academy of Audiology Annual Convention, “Evaluation and Management of Pulse-synchronous Tinnitus.” Timonium, MD, Sept. 2012.
41. Webinar, American Academy of Audiology, “Pulsatile Tinnitus: Evaluation and Management.” January 2013.
42. Guest Lecturer, Maryland Academy of Audiology Annual Convention, “Unilateral Vestibular Weakness: Evaluation & Management.” Timonium, MD, Oct. 2013.
43. Grand Rounds, Department of Otorhinolaryngology- Head & Neck Surgery, University of Maryland School of Medicine, “Pulse-synchronous Tinnitus: Evaluation & Management.” Mar. 2014.
44. Grand Rounds, Department of Neurosurgery, University of Maryland School of Medicine, “Transtemporal Approaches other than to the Cerebellopontine Angle.” May 2016.
45. Guest Lecturer, Maryland Academy of Audiology Annual Convention, “Vestibular Migraine.” Timonium, MD, Oct. 2016.
46. Institutional Grand Rounds, St. Agnes Hospital, “Evaluation of the Patient with Vertigo in the Primary Care Setting.” May 2017.
47. Grand Rounds, Department of Otorhinolaryngology- Head & Neck Surgery, University of Maryland, “Diagnosis of Pulsatile Tinnitus,” August 2018.
48. Guest Lecturer, Towson University Medical Audiology Symposium, “Evaluation and Management of Pulsatile Tinnitus,” April 2019.
49. Guest Lecturer, University of Maryland College Park, Dept. of Hearing & Speech, Medical Audiology Course, “Middle Ear Pathology.” Feb 24, 2020.
50. \*Grand Rounds, Department of Otolaryngology- Head & Neck Surgery, Rambam Hospital, Haifa, Israel. “Diagnostic Evaluation of Pulsatile Tinnitus.” May 2020.

**PROFFERED COMMUNICATIONS** **(\* indicates overseas/international venue)**

1. \*“Maimonides' Philosophic Medicine,” **Eisenman DJ**, Fourth International Conference on Medicine in the Bible and Talmud, Hebrew University, Jerusalem, Israel, October 1990.
2. \*“Hypoxia Increases K[ATP]-Channels in Developing Rat CNS,” Ying Xia, **DJ Eisenman** and Gabriel G. Haddad. Poster, 3rd IBRO World Congress of Neuroscience, Montreal, Canada, August 1991.
3. “Chronic Hypoxia In-Utero or Postnatally Induces Expression of K[ATP]- Channels in Rat CNS,” **DJ Eisenman**, Ying Xia and Gabriel G. Haddad. Presentation & Poster, Annual Meeting, Society for Pediatric Research, New Orleans, LA, April 1992.
4. “Cost-Effectiveness of Bedside Tracheostomy, Resident Research Day,” **DJ Eisenman** and D Kraus. Manhattan Eye, Ear & Throat Hospital, Department of Otolaryngology- Head and Neck Surgery, May 1995
5. “Creation of a Universal Grading System for Chronic Otitis Media with Cholesteatoma,” Resident Research Day, Manhattan Eye, Ear & Throat Hospital, **DJ Eisenman** and Simon C. Parisier. Department of Otolaryngology- Head and Neck Surgery, May 1998.
6. “Implantation of the Dysplastic Cochlea,” **DJ Eisenman**, Carissa Ashbaugh, Teresa A. Zwolan and Steven A. Telian. 23rd Frank Lamberson Lectureship, Department of Otolaryngology- Head & Neck Surgery, University of Michigan Health System, June 1999.
7. “Labyrinthectomy versus Vestibular Neurectomy: Long-term Physiologic and Clinical Outcomes,” **DJ Eisenman**, Rosemary Speers and Steven A. Telian. American Neurotology Society, Palm Desert, CA, May 2001. International Cochlear Implant Conference, Miami Beach FL, USA, February 2000.
8. “Intralabyrinthine Schwannoma Mimicking Perilymphatic Fistula,” (poster) D Chuong, A Rubenfeld, **DJ Eisenman** and HJ Kim. American Neurotology Society, May 2004.
9. “Differentiating Intralabyrinthine Schwannoma from Perilymphatic Fistula. D Chuong, A Rubenfeld, **DJ Eisenman** and HJ Kim. Otolaryngol Head Neck Surg 131(2):P312, Aug 2004.
10. “Middle Fossa Skull Base Reconstruction with Titanium Mesh,” (poster) J Moche & **DJ Eisenman**, AAO-HNS Annual Meeting, Washington, DC, Sept. 2007.
11. “Tinnitus habituation therapy for noise-evoked tinnitus,” (podium presentation) Goldsztein H, Sherlock, LP & **Eisenman DJ**, AAO-HNS Annual meeting, San Diego, October 2009.
12. “What the ENT wants in the OR: Bioengineering prospects.” Depireux D and **Eisenman DJ**. Institute for Systems Research, BioMedical Conference, College Park, MD, May 2010.
13. “Tension Pneumocele as ultradelayed complication of translabyrinthine approach.” (poster). Hertzano R and **Eisenman DJ**. AAO-HNS Annual meeting, Boston, MA, October 2010.
14. Hertzano R, Elkon R, Chan SL, **Eisenman DJ** and Strome SE (2010) mRNA sample size for gene expression profiling of mouse inner ears – how low can you go? Maryland Society of Otorhinolaryngology, Baltimore, Maryland.
15. Hertzano R, Morris L, Milon B, Silipino L, **Eisenman DJ**, Elkon R (2014) The Newborn Mouse Inner Ear Hair Cell-Specific Transcriptome – lessons from Microarray and RNA-Seq, and a Critical Comparative Analysis of Both Methods. Association for Research in Otolaryngology, San Diego, California, USA.
16. Hertzano R, Elkon R, Chan SL, Morrison A, **Eisenman DJ** and Strome SE (2011) Cell Type-Specific Sorting in the Mouse Inner Ear Using Cell Surface Markers. Association for Research in Otolaryngology, Baltimore, Maryland, USA.
17. \*“Titanium Mesh Plates for Middle Cranial Fossa Skull Base Reconstruction.” (podium presentation) **Eisenman DJ**, Eisenberg HM. Israel ENT Society Meeting, Eilat, Israel, March 2011.
18. “Transmastoid Repair of the Sinus Wall for Pulsatile Tinnitus due to Sigmoid Sinus Diverticulum and Dehiscence.” (podium presentation) **Eisenman DJ**. American Otological Society annual meeting, Chicago, IL, May 2011..
19. Hertzano R, Elkon R, Kurima K, Morrisson A, Chan SL, Sallin M, Biedlingmaier A, Darling DS, Griffith AJ, **Eisenman DJ** and Strome SE. (2012) Cell type-specific transcriptome analysis reveals a major role for Zeb1 and miR-200b in mouse inner ear morphogenesis. Association for Research in Otolaryngology, San Diego, California, USA.
20. “Arachnoid Granulations of the Temporal Bone: Treatable Causes of Spontaneous Cerebrospinal Fluid Leaks.” (poster) Trimble CR, Harnsberger HR, Hildenbrand PG, **Eisenman DJ** and Morales RE. ASNR Annual Meeting, New York, NY, April 2012.
21. “Tinnitus in a Non-Hearing Ear: Prevalence and Efficacy of Baha Use for Treatment.” (poster) Khan A, Bluher AE, **Eisenman DJ**. Triologic Society Combined Sections Meeting, Miami, FL, January 2014.
22. \*“Acute effect of stimulation rate on speech recognition scores in young, middle-age and older adult cochlear implant users.” (poster) Shader MJ, Nguyen N, Hertzano R, **Eisenman DJ** et al. 13th Annual International Conference on Cochlear Implants and Other Implantable Auditory Technologies.” Munich, Germany, June 18-21, 2014.
23. “Sigmoid Sinus Wall Anomalies and Idiopathic Intracranial Hypertension Resulting in Pulsatile Tinnitus: Spectrum of Imaging Findings,” (poster) Serulle Y, **Eisenman DJ**, Morales RM, Raghavan P. ASNR 53rd Annual Meeting, Chicago, IL, April 2015.
24. “Interobserver Agreement for Computed Tomography Diagnosis of Sigmoid Sinus Wall Anomaly,” (poster) Angster K, Morales RM, Raghavan P, **Eisenman DJ**. Triological Society Annual Meeting, Boston, MA, April 2015.
25. “Sinus wall reconstruction for Pulse-Synchronous Tinnitus: Predictors of Success,” (podium presentation) **Eisenman DJ**, Raghavan P, Morales RM. American Neurotology Society Annual Meeting, Boston, MA, April 2015.
26. Shader MJ, Nguyen N, Hertzano R, **Eisenman DJ**, Anderson S, Gordon-Salant S, and Goupell MJ. The effect of stimulation rate on speech recognition in older cochlear-implant users (poster). Aging and Speech Communication Conference. Bloomington, IN, USA, October 2015.
27. Gourishetti SC, Carter C, Nguyen NN, **Eisenman DJ**. Characterization of Patients Participating in a Staged Tinnitus Habituation Therapy Protocol (poster). American Otological Society Annual Meeting. San Diego, CA, April 2017.
28. Gourishetti SC, Carter C, Nguyen NK, **Eisenman DJ**. Improvement in Severity Stratified Tinnitus Handicap in Patients Participating in Staged Tinnitus Habituation Therapy (poster). Triologic Society Annual Meeting. San Diego, CA, April 2017.
29. Hirsch J., Vincent R, **Eisenman DJ**. Surgical Reconstruction of the Ossicular Chain with Custom 3D Printed Ossicular Prosthesis. Radiological Society of North America, Annual meeting (podium presentation), Chicago, IL, USA, Dec. 2017.
30. Hewes D., **Eisenman DJ**, Morales R, Raghavan P. Patterns and Severity of Transverse Sinus Stenosis in Patients with Pulsatile Tinnitus Associated with Sigmoid Sinus Wall Anomalies. Triological Combined Sections meeting (podium presentation), Coronado Island, CA, USA, Feb. 2019.
31. Teplitzky TB, Thomas JM, Raghavan P, Hebert AM, **Eisenman DJ**. Factors Contributing to Development of Idiopathic CSF Rhinorrhea versus Otorrhea: A Retrospective Review (poster). Triological Combined Sections meeting, Coronado Island, CA, USA, Feb. 2019.
32. **Eisenman DJ**, Raghavan P, Hertzano R, Morales R. Evaluation and Treatment of Pulsatile Tinnitus Associated with Sigmoid Sinus Wall Anomalies. Triological Combined Sections meeting (podium presentation, winner of “With Distinction” award for Triological thesis), Coronado Island, CA, USA, Feb. 2019.
33. Dreizin D, Hostetter JM, Champ K, Paes F, Munera F, Nam AJ, **Eisenman DJ**. CT of Skull Base Fractures: Classification systems, complications and management. (Instructional course) RSNA 2019, Chicago, IL, USA.
34. **Eisenman DJ** (**moderator**), Kesser BW, Chandrasekhar S, Raghavan P, Amans M (panelists). Pulsatile Tinnitus- A Multidisciplinary Approach. (Panel discussion. 1 hour). Triological Society Combined Sections Meeting. Coronado Island, CA, Jan. 23, 2020.
35. Bhatnagar K and **Eisenman DJ.** Patterns of Audiometric Threshold Shifts in Patients with Pulsatile Tinnitus Associated with Sigmoid Sinus Wall Anomalies (poster). Triological Society Annual Meeting (COSM). Atlanta, GA, USA (online only due to COVID-19 pandemic), Apr. 2020.
36. Bhatnagar K, Patel K, Raghavan P and **Eisenman DJ.** Comparison of Imaging Findings in Patients with Sigmoid Sinus Wall Anomalies, Intracranial Hypertension and Spontaneous CSF Leaks (poster). Triological Society Annual Meeting (COSM). Atlanta, GA, USA (online only due to COVID-19 pandemic), Apr. 2020.
37. Kline NL, Bhatnagar K, **Eisenman DJ**, Taylor RJ. Predictors of Survival Outcomes Following Temporal Bone Resection for Advanced Malignancies (poster). American Academy of Otolaryngology- Head & Neck Surgery Annual Meeting (Virtual conference due to COVID-19 pandemic). Sept. 2020.