

Greg Eldon Davis, MD MPH

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PERSONAL DATA

Place of Birth: Seattle, Washington; USA

Citizenship: United States

Current Position: Director of Rhinology and Endoscopic Skull Base Surgery, Associate Professor, Department of Otolaryngology – Head and Neck Surgery, University of Washington

EDUCATION

Master in Public Health, University of Washington, Department of Epidemiology, Seattle, June 2003.

Doctor of Medicine, University of Washington, Seattle, June 2000

Bachelor of Science – Zoology, University of Washington, Seattle, June 1995

POSTGRADUATE TRAINING

Resident, University of Washington, Seattle, Department of Otolaryngology – Head and Neck Surgery, July 2003-June 2007.

Clinical Research Fellow, University of Washington, Seattle, Department of Otolaryngology – Head and Neck Surgery, July 2001-June 2003.

General Surgery Internship, University of Washington, Seattle, Department of Surgery, June 2000-July 2001.

FACULTY POSITIONS HELD

Associate Professor, Department of Otolaryngology – Head and Neck Surgery, University of Washington – July 2014 - .

Assistant Professor, Department of Otolaryngology – Head and Neck Surgery, University of Washington – July 2008 – June 2013

Acting Assistant Professor, Department of Otolaryngology – Head and Neck Surgery, University of Washington – September 2007-June 2008

HOSPITAL POSITIONS HELD

Surgeon, Otolaryngology – Head and Neck Surgery, University of Washington Medical Center, Harborview Medical Center, Seattle Children’s Medical Center, Seattle Veterans Affairs Medical Center, Seattle Cancer Care Alliance.

HONORS

American Academy of Otolaryngology – Head and Neck Surgery Foundation Honors Award, 2016.

“Top Doc”, 2016, Seattle Metropolitan Magazine for Ear Nose and Throat surgeons.

UW Department of Otolaryngology Resident “Trachy” Award, 2016, presented to the UW faculty member for the “greatest contribution to resident research”.

“Top Doc”, 2015, Seattle Metropolitan Magazine for Ear Nose and Throat surgeons.

UW Medicine PRAISE (Patient Reported Assessment In Satisfaction and Excellence) Award, March 30, 2015.

“Top Doc”, 2014, Seattle Metropolitan Magazine for Ear Nose and Throat surgeons.

“Top Doc”, 2011, Seattle Metropolitan Magazine for Ear Nose and Throat surgeons.

UW Department of Otolaryngology Resident “Trachy” Award, 2010, presented to the UW faculty member for the “greatest contribution to resident research”.

Who’s Who in Medicine and Healthcare 2006-2007, 2009-2010

American Academy of Otolaryngology – Head and Neck Surgery Foundation, First Place Resident Clinical Science Research Award, American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting, Sept. 2004

K30 Clinical Research Training Degree Program Graduate, tuition scholarship for MPH program, 2002 – 2003

American Academy of Otolaryngology – Head and Neck Surgery Resident Travel Grant, June 2001, \$1,500

Western Student Medical Research Committee's Excellence in Research award, Feb. 1998

University of Washington School of Medicine Scholarship, 1997-1998

BOARD CERTIFICATION

Board Certified in Otolaryngology – Head and Neck Surgery, American Board of Otolaryngology, June 1, 2009

CURRENT LICENSE TO PRACTICE

Washington State, through June 2018

PROFESSIONAL ORGANIZATIONS

American Academy of Otolaryngology – Head and Neck Surgery, Member

American Rhinologic Society, Fellow Member

Northwest Academy of Otolaryngology – Head and Neck Surgery, Member

American Medical Association, Member

TEACHING RESPONSIBILITIES

Primary Mentor to:

- Craig Miller 7/1/2016-6/30/2016 (T32 grant), “Impact of work productivity in chronic rhinosinusitis”.
- Alex Harbison 7/1/2015-6/30/2017 (T32 grant), “Sinus Surgery Simulation”
- Victoria Lee 7/1/2014-6/30/2015 (T32 grant), “Treatment of chronic sinusitis after sinus surgery”
- Patricia Purcell 7/2013-6/2015 (T32 grant), “Cost comparison between endoscopic sinus surgery versus medical management for treatment of chronic rhinosinusitis using the MarketScan database”
- Avi Hecht, medical student 7/2011-6/2012 (TL1 grant). “*Predictability of the SNOT 20 for chronic rhinosinusitis or facial pain disorders*”
- Jack Liu, resident 7/2010-6/2011 (T32 grant) and 7/2011-10/2011. “*cAMP in olfactory dysfunction*”
- Jae Lim, resident 7/2009-6/2010 (T32 grant) and 3/2011-6/2011. “*olfactory dysfunction of rhinosinusitis*”

- Tony Orden, medical student, 6/2008-8/2008, 2008 ITHS TL1 Multidisciplinary Predoctoral Clinical Research Training Program, *“Prevalence of carotid stenosis after radiation therapy for the treatment of head and neck cancer”*

EDITORIAL RESPONSIBILITIES

Editorial Reviewer for Archives of Otolaryngology – Head and Neck Surgery, International Forum for Allergy and Rhinology, Laryngoscope, Otolaryngology – Head and Neck Surgery, Brain Sciences, Cancer, American Journal of Rhinology, Annals of Otolaryngology.

SPECIAL NATIONAL RESPONSIBILITIES

Course Director, American Rhinologic Society Summer Sinus Symposium, July 14-16 2017, Washington D.C., Seattle July 2018, and Chicago 2019.

Guest Keynote Speaker, Montana Society of Otolaryngology – Head and Neck Surgery Annual Winter Meeting, February 19-21, Big Sky MT.

American Rhinologic Society Marketing Committee member, July 2015 - present

American Academy of Otolaryngology Outcomes Research and Evidence Based Medicine Consultant, June 2015 – present.

American Rhinologic Society Scientific Program Committee 2012 - present.

American Academy of Otolaryngology Outcomes Research and Evidence Based Medicine leadership steering sub-committee member, October 2009 – September 2015

American Rhinologic Society Patient Advocacy Committee member, September 2011 – September 2017.

SPECIAL LOCAL RESPONSIBILITIES

Seattle Otology and Advanced Rhinology Course Co-Director (Rhinology), March 10-12, 2016, Seattle Science Foundation, Seattle Washington.

Northwest Academy of Otolaryngology Treasurer/Secretary. 2015-present.

Department of Otolaryngology – Head and Neck Surgery Program Evaluation Committee Member. 2013-2015.

Department of Otolaryngology – Head and Neck Surgery Incentive Committee Member. 2012-present

Department of Otolaryngology – Head and Neck Surgery Resident Selection and Interview Committee Member. 2012-present.

Seattle Otolaryngology and Advanced Rhinology Course Co-Director (Rhinology), March 26-28, 2015, Seattle Science Foundation, Seattle Washington.

Northwest Academy of Otolaryngology – Head and Neck Surgery, Program Co-Director Annual Meeting, January 17-20, 2015, Whistler BC Canada.

Seattle Otolaryngology and Advanced Rhinology Course Co-Director (Rhinology), March 27-29, 2014, Seattle Science Foundation, Seattle Washington.

Northwest Academy of Otolaryngology – Head and Neck Surgery, Program Co-Director Annual Meeting, January 11, 2014.

Operative and peri-operative Operations Committee, University of Washington Medical Center, 2014-present

Northwest Academy of Otolaryngology – Head and Neck Surgery, Program Co-Director Annual Meeting, Seattle WA, January 11, 2014.

Seattle Otolaryngology and Advanced Rhinology Course Co-Director, January 31-February 2, 2013, Seattle Science Foundation, Seattle Washington.

Department of Otolaryngology Resident Rhinology Lecture Series, Director, University of Washington, January – February 2013.

Department of Otolaryngology Resident Sinus Surgical Training Course, Director, University of Washington, November 14, 2012.

Department of Otolaryngology Resident Sinus Surgical Training Course, Director, University of Washington, December 14, 2011.

Seattle Otolaryngology and Advanced Rhinology Course Co-Director, October 27-29 2011, Seattle Science Foundation, Seattle Washington.

Northwest Academy of Otolaryngology – Head and Neck Surgery, Program Director “Fascinating Cases in NW Otolaryngology”, October 14, 2011.

Japan Lab course (rhinology and otology) Co-Director, August 22-26 2011, Seattle Science Foundation, Seattle Washington.

Department of Otolaryngology Faculty Incentive Committee, University of Washington, 2011 – present.

Department of Otolaryngology Resident Rhinology Lecture Series, Director, University of Washington, February – April 2011.

Department of Otolaryngology Resident Sinus Surgical Training Course, Director, University of Washington, November 22, 2010.

Northwest Academy of Otolaryngology – Head and Neck Surgery board member: Program Co-Chair, April 2011-present

Northwest Academy of Otolaryngology – Head and Neck Surgery, Program Director “Fascinating Cases in NW Otolaryngology”, April 22, 2010

Department of Otolaryngology Pediatric Faculty Search Committee, University of Washington, 2009-2011

Northwest Academy of Otolaryngology – Head and Neck Surgery board member: Member-At-Large, April 2009-2014

Department of Otolaryngology Research Committee, University of Washington, 2008-2014.

Resident Selection Committee, University of Washington, Department of Otolaryngology – Head and Neck Surgery, 2007-Present

Surgical Infection and Prevention Sub-committee, University of Washington Medical Center, 2007-present

Resident Education Committee, University of Washington, Department of Otolaryngology – Head and Neck Surgery, 2003-2007

RESEARCH FUNDING

CORE Grant (American Rhinologic Society), *Skills transfer to sinus surgery via a low-cost simulation-based curriculum*. Direct costs: \$7,709 PI: Davis. Role: PI and Mentor. July 2016-June 2017.

Derma Sciences Grant, *Investigation of Manuka Honey for the Treatment of Recalcitrant Chronic Rhinosinusitis*. Role: Principle Investigator. Total direct costs: \$9541 + \$40,000 supply costs.

NIMH R01, *Molecular mechanisms of atypical habituation in autism spectrum disorders*. PI: Kleinhans. Role: Co-investigator, 5% FTE. 1R01MH104313-01, 8/15/2014-5/31/2019, \$474,979.

ITHS Pilot Grant, *Molecular mechanisms of olfactory sensitivity in autism spectrum disorders*, Total costs: \$20,547. PI: Kleinhans. Role: Co-investigator. Jan 1, 2014 – Dec

31, 2014. This project is designed to uncover mechanisms related to olfactory processing abnormalities in autism spectrum disorder (ASD) and evaluate whether olfactory measures may provide sensitive biomarkers of ASD.

CORE Grant (American Academy of Otolaryngology Head and Neck Surgery), *Modification and Validation of a Quality of Life Comorbidity Index*, Direct costs: \$10,000. PI: Levine. Role: Co-Investigator. July 2013 – June 2014.

NIH Extramural Clinical Research Loan Repayment Program, 2007-2011, *Randomized Controlled Trials in the Medical and Surgical Management of Chronic Sinusitis*

KL2 Clinical Research Scholar 7/1/07-6/30/12 (5KL2RR025015-02)

NIH Roadmap/NCRR

Salary \$92,000

Benefits \$21,896

Tuition \$4,240

Pilot Research Funds \$25,000

UW Multidisciplinary Clinical Research Career Development Award (Roadmap K12)

American Association of Otolaryngology – Head and Neck Surgery Resident Research Grant, June 2001, “*Predicting quality of life after treatment for chronic sinusitis*”, \$10,000

NIDCD Supplemental T32 Clinical Research Training Grant, (DC00018-20) 7/02-7/03.
Direct costs: two year salary support \$82,000

BIBLIOGRAPHY

Refereed manuscripts

1. Levine C, Davis GE, Weaver EM. Functional Comorbidity Index in Chronic Rhinosinusitis. *International Forum of Allergy & Rhinology* 2016 Jan;6(1):52-7. doi: 10.1002/alr.21620. PMID 26757141
2. Purcell PL, Shinn JR, Davis GE, Sie KC. Children with unilateral hearing loss may have lower intelligence quotient scores: A meta-analysis. *The Laryngoscope*. Vol, 2015 Oct 9; PMID 26452077.
3. Sakano H, Thacker A, Davis GE. Adenoid stones – “Adenoliths”. *J Otol Rhinol*. 2015 Sep;4(4). pii: 240. Epub 2015 July 13. PMID 26798664
4. Purcell PL, Beck S, Davis GE. The impact of endoscopic sinus surgery on total direct healthcare costs among patients with chronic rhinosinusitis. *Int Forum Allergy Rhinol*. 2015 Jun;5(6):498-505. doi: 10.1002/alr.21482. PMID: 25865235.

5. Purcell PL, Shinn JR, Otto RK, Davis GE, Parikh SR. Nasoseptal Flap Reconstruction of Pediatric Sellar Defects: A Radiographic Feasibility Study and Case Series. *OTOHNS* 2015 Apr; 152(4): 746-751. PMID 25715351.
6. Liu JJ, Davis GE. The significance of response shift in sinus surgery outcomes. *Int Forum Allergy Rhinol.* 2015 Jan;5(1):55-9. PMID 25278286.
7. Liu JJ, Chan GC, Hecht AS, Storm DR, Davis GE. Comparison of two nasal cell collection methods in determining cyclic adenosine monophosphate levels and its association with olfaction: A feasibility study. 2014 Mar 7; *Allergy & Rhinology*. PMID 24613015.
8. Liu JJ, Chan GC, Hecht AS, Storm DR, Davis GE. The effect of nasal saline irrigation on olfaction: a prospective randomized trial. 2014 Jan; *International Forum of Allergy and Rhinology*. vol 4(1)39-42. PMID 24574085
9. Pynnonen M, Venkatraman G, Davis GE. Macrolide therapy for chronic rhinosinusitis: A Meta-analysis. 2013 Jan 21; *Otolaryngology – Head and Neck Surgery*. PMID 23314162.
10. Bhama P, Davis GE, Lam, D, Bhrany A, Futran N. The effects of intensive care unit staffing on patient outcomes following microvascular free flap reconstruction of the head and neck: a pilot study. *JAMA Archives of Otolaryngology Head and Neck Surgery*, Jan 2013, 139(1) 37-42. PMID 23329089.
11. Kezerien E, Hussey HM, Brietzke SE, Cohen SM, Davis GE, Shin JJ, Weinberger DG, Cabana MD. Hypopharyngeal surgery in obstructive sleep apnea: practice patterns, perceptions, and attitudes. *Otolaryngology – Head and Neck Surgery*. 2012 June 29. PMID 22753614.
12. Davis GE, Kernochan LE, True L. Report of sphenoid sinus lipoma. *Ear Nose and Throat Journal*, 2012, Feb, 91(2):73-74, PMID 22359134.
13. Lim J, Davis GE, Rue T, Storm D. Human sinonasal explant system for testing cytotoxicity of intranasal agents. *International Forum of Allergy & Rhinology*. Jan-Feb, 2012. PMID 22170775, DOI 10.1002/alr.20110
14. Bhama P, Jordan D, Davis GE. Treatment of organized hematoma of the sphenoid sinus with pre-operative embolization and endoscopic resection. *Open Journal of Radiology* 2011, Dec, 1:45-49. DOI: 10.4236/ojrad.2011.12007
15. Misono S, Rajendran J, Rue T, Davis GE. Effects of upstaging from PET scan on survival in head and neck cancer. *Head and Neck* 2010 Feb 19. PMID: 20175199
16. Lim JH, Davis GE, Wang Z, et al. Zicam-induced damage to mouse and human nasal tissue. *PLoS ONE*. 2009 Oct 30; 4(10): e7647. PMCID: PMC2765727

17. Crane HM, Davis GE, Mark K, Harrington RD. Tympanic membrane perforation: an unusual complication of varicella –zoster virus infection. *Infections in Medicine*. Nov 18, 2008.
18. Davis GE, Bryson CL, Yueh B, et al. Treatment delay associated with alternative medicine use among veterans with head and neck cancer. *Head and Neck*. 2006 Oct; 28(10): 926-931. PMID: 16755583
19. Davis GE, Yueh B, Walker EA, Katon W, Koepsell TD, Weymuller EA. Psychiatric distress amplifies symptoms after surgery for chronic rhinosinusitis. *Otolaryngol Head Neck Surg*. 2005 Feb;132(2):189-96. PMID: 15692525
20. Davis GE, Schwartz SR, Veenstra DL, Yueh B. Cost comparison of surgery versus organ preservation for laryngeal cancer. *Arch Otolaryngol Head Neck Surg*. 2005 Jan;131(1):21-6. PMID: 15655180
21. Davis GE, Yueh B, Murphy M, Weymuller EA. A complication from neurocranial restructuring: nasal septum fracture. *Arch Otolaryngol Head Neck Surg*. 2003 Apr;129(4):472-4. PMID: 12707197
22. Bigos SJ, Davis GE. Scientific basis for recommendations to elderly patients limited by low back symptoms. *Clinical Geriatrics*. 7(7):41-53, 1999
23. Bigos SJ, Davis GE, McLaughlin-H. Scientific principles for nursing home patients and employees bothered by low back symptoms. *Nursing Home Medicine*. 4(10):276-285, 1996
24. Bigos SJ, Davis GE. Scientific application of sports medicine principles for acute low back problems. *Journal of Orthopaedic & Sports Physical Therapy*. 24(4):192-207, 1996
25. Bigos SJ, Davis GE. The AHCPR's approach to acute low back problems in adults. *Journal of Biomechanics*. 3(2):59-62, 1996

Book chapters

1. Lim JH, Davis GE. Nasal and Sinus Surgery, "Otolaryngology Surgical Instrument Guide", Plural Publishing Inc., San Diego CA. 2012.
2. Davis GE, Weymuller EA. Paranasal Sinus Malignancies; "Cummings: Otolaryngology Head and Neck Surgery", 5th edition. Mosby Elsevier, Philadelphia PA. 2010.
3. Davis GE. ENT Infections, Chapter 8; "Blueprints Infectious Diseases", Lippincott Williams & Wilkins, 2005 Aug.

Other publications

1. Bigos SJ, Wilson MR, Davis GE. Reliable science about avoiding low back problems at work. Chapter 35, Berufsbedingte Erkrankungen der Lenden-wirbelsaule, Editors D. Wolter and K. Seide, Springer Verlag Publishing, Germany 1998

Manuscripts In Press

1. Lee V, Humphreys I, Purcell P, Davis GE. Manuka honey sinus irrigations for the treatment of chronic rhinosinusitis: a randomized controlled trial. International Forum of Allergy and Rhinology. Accepted for publication November 15, 2016.
2. Berens AM, Davis GE, Moe KS. Transorbital endoscopic identification of supranumerary ethmoid arteries. Allergy and Rhinology. Accepted for publication June 7, 2016.
3. Lee V, Davis GE. Culture-directed topical antibiotic treatment for chronic rhinosinusitis. American Journal of Allergy & Rhinology. Accepted for publication August 12, 2016.
4. Sweeny AR, Davis GE, Chang SH, Amadi AJ. Outcomes of endoscopic dacryocystorhinostomy in secondary acquired nasolacrimal duct obstruction: a case-control study. Ophthalmic Plastic and Reconstructive Surgery. Accepted for publication October 29, 2016.
5. Harbison A, Johnson K, Miller C, Sardesai M, Davis GE. Face, content and construct validation of a low-cost, non-biologic, sinus surgery task trainer. International Forum of Allergy and Rhinology. Accepted for publication October 19, 2016.

Manuscripts Submitted Pending Review

Abstracts

1. Lee V, Humphreys I, Purcell T, Davis GE. “Manuka honey sinus irrigations for the treatment of chronic rhinosinusitis: a randomized controlled trial.” American Rhinologic Society Annual Meeting, San Diego, California. September 17, 2016.
2. Harbison RA, Johnson K, and Davis GE. “Construct validation of a low-cost, non-biologic, sinus surgery task trainer.” American Rhinologic Society Annual Meeting, San Diego, California. September 16-17th, 2016. Poster.

3. Lee V, Davis GE. A randomized trial of povidone-iodine and mupirocin versus saline sinus irrigations for surgical recalcitrant gram-positive chronic rhinosinusitis. American Rhinologic Society, COSM, Chicago IL, May 19, 2016.
4. Sweeney AR, Amadi AJ, Davis GE, Chang SH. Endoscopic Dacryocystorhinostomy in Patients with Post-traumatic Bone Deformity. American Society of Ophthalmic Plastic and Reconstructive Surgery 2015 Fall Scientific Symposium. 13 Nov. 2015.
5. Sweeney AR, Davis GE, Amadi AJ. Outcomes and Perioperative Strategies for Endoscopic Dacryocystorhinostomy in Patients with Granulomatosis with Polyangiitis. American Society of Ophthalmic Plastic and Reconstructive Surgery 2015 Fall Scientific Symposium. 13 Nov. 2015.
6. Lee V, Davis GE. Culture directed topical antibiotics for chronic rhinosinusitis. AAO-HNS Annual Meeting. September 27-30, 2015. Dallas TX.
7. Sweeney A, Davis GE, Chang SH, Amadi AJ. Endoscopic Dacryocystorhinostomy Following Head and Neck Radiation Therapy. Spring ASOPRS St. Thomas, USVI. May 18, 2015.
8. Levine C, Davis GE, Weaver E. Development And Validation Of A CRS QOL Comorbidity Index. 2015 American Rhinologic Society at COSM Boston. April 23, 2015.
9. Hwang WD MD, Davis GE MD, Mossa-Basha M MD, Anzai YA MD. Snot So Bad: Paranasal Sinus Normal Anatomy, Important Anatomic Variants, and What the Endoscopic Surgeon Wants to Know before and after Endoscopic Sinus Surgery. Educational Exhibit and CME Session at RSNA 100th Scientific Assembly and Annual Meeting, McCormick Place, Chicago, IL. November 30-December 5, 2014.
10. Purcell P, Shin J, Davis GE, Parikh S. Nasoseptal flap reconstruction of pediatric sellar defects. Oral presentation. American Academy of Otolaryngology Annual Meeting, Orlando FL, September 24, 2014.
11. Liu JJ, Chan GC, Hecht AS, Storm DR, Davis GE. The effect of nasal saline irrigation on olfaction: a prospective randomized trial. American Rhinologic Society Annual Meeting. Washington DC, September 8, 2012.
12. Bhamra P, Davis GE, Bhrany A, Lam D, and Futran N. The Effects of Intensive Care Unit Staffing on Patient Outcomes Following Microvascular Free Flap Reconstruction of the Head and Neck: A Pilot Study. AAFPRS Spring Scientific Meeting. San Diego, CA April 2012.
13. Lim J, Davis GE, Storm D. Human sinonasal explants system for testing cytotoxicity of intranasal agents. 57th Annual Meeting of the American Rhinologic Society. San Francisco CA, September 2011.

14. Davis GE, Misono S, Rajendran J, and Yueh B. Effects of Upstaging with PET Scan on Survival in Head and Neck Cancer. American Head and Neck Society Annual Meeting, Phoenix AZ, May 2009.
15. Davis GE, Yueh B, Walker EA, Katon W, Koepsell TD, Weymuller EA. Psychiatric Distress Amplifies Symptoms after Surgery for Chronic Rhinosinusitis. American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting, New York, September 2004.
16. Davis GE, Schwartz SR, Veenstra DL, Yueh B. Cost comparison of surgery versus organ preservation for laryngeal cancer. American Head and Neck Society’s Sixth International Conference on Head and Neck Cancer, Washington DC, August, 2004.
17. Bryson CL, Davis GE, Yueh B, McDonell M, Micek MA, Fihn SD. Complementary or Alternative: Does Alternative Medicine Use Delay Traditional Therapy for Cancer? Society of General Internal Medicine 26th Annual Meeting, Vancouver, Canada, April 2003.
18. Davis GE, Yueh B, Weymuller EA, Katon W, Walker E. Impact of Somatization on Surgery for Chronic Rhinosinusitis: Short-term Outcomes. American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting, San Diego, September 24 2002.
19. Davis GE, Bigos SJ. Prospective Evaluation of the Effects of Age and Contested Eligibility Insurance Systems on Patients Limited by Back Symptoms. International Society for the Study of the Lumbar Spine. Hawaii, June 1999
20. Davis GE, Bigos SJ. Prospective Evaluation of the Effects of Age and Contested Eligibility Insurance Systems on Patients Limited by Back Symptoms. Journal of Investigative Medicine - for the Western Student Medical Research Forum. Jan 1998, Vol. 46, no. 1

NATIONAL AND INTERNATIONAL PRESENTATIONS

1. Davis GE, Wormald PJ, Woodworth B, Palmer J. Panel: Evidence-based approach to topical therapy for chronic rhinosinusitis: snake oil or cure? American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting Mini-seminar, San Diego CA, September 19, 2016
2. Lee V, Davis GE. Manuka honey sinus irrigation for the treatment of chronic rhinosinusitis: a randomized controlled trial. American Rhinologic Society Annual Meeting. September 17, 2016. San Diego, CA.
3. Davis GE. Management of epistaxis, HHT, and surgical hemostasis. Endoscopic Sinonasal & Skull Base. Virginia Mason Course. Seattle WA. August 12, 2016.

4. Davis GE. Endoscopic Balloon Sinuplasty: Experience to Date. Current Techniques in Endoscopic Sinus and Skull Base Surgery Course. Vancouver BC, Canada. July 29-30, 2016.
5. Davis GE. Lifesaving sinus surgery in a gorilla. Current Techniques in Endoscopic Sinus and Skull Base Surgery Course. Vancouver BC, Canada. July 29-30, 2016.
6. Davis GE. Expanding Your Armamentarium: In-office Procedures Panel. American Rhinologic Society Summer Sinus Symposium. Chicago, IL, July 16, 2016.
7. Davis GE. Image Guided Sinus and Skull Base Surgery. Cross-Strait Summit Forum. Changchun, China February 27, 2016.
8. Davis GE. Challenges in Everyday Rhinology. Montana Society of Otolaryngology – Head and Neck Surgery Annual Winter Meeting, February 19-21, Big Sky MT
9. Davis GE. Orbit Pathology for the Otolaryngologist. Montana Society of Otolaryngology – Head and Neck Surgery Annual Winter Meeting, February 19-21, Big Sky MT
10. Davis GE. Improving Post-Operative Outcomes in Endoscopic Sinus Surgery. Montana Society of Otolaryngology – Head and Neck Surgery Annual Winter Meeting, February 19-21, Big Sky MT
11. Lee V, Davis GE. Culture directed topical antibiotics for chronic rhinosinusitis. AAO-HNS Annual Meeting. September 27-30, 2015. Dallas TX.
12. Davis GE. Panelist: Olfaction: Advances in basic science and clinical treatment. American Rhinologic Society Annual Meeting. Dallas, TX. September 26, 2015.
13. Davis GE, Wormald PJ, Woodworth B, Palmer J. Panel: Evidence-based approach to topical therapy for chronic rhinosinusitis: snake oil or cure? American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting Miniseminar, Dallas, TX, September 28, 2015
14. Davis GE. Panel Moderator: Office Procedures in Rhinology. American Rhinologic Society Summer Sinus Symposium. Chicago, IL. July 18.
15. Davis GE. Panel Presenter: Debate – Is Sinonasal Surgery a Good Treatment for Migraine? American Rhinologic Society Summer Sinus Symposium. Chicago, IL. July 18.
16. Davis GE. Improving post-operative results with improved sinus surgery techniques. Invited presentation. Salt Lake City, UT. July 8, 2015.

17. Davis GE. How I Do It: FESS on a Gorilla. Oceanic-American Sinus/Skull Base Interactive Symposium (OASSIS 1). Philadelphia, PN. June 4, 2015.
18. Davis GE, Wormald PJ, Woodworth B, Palmer J. Panel: Evidence-based approach to topical therapy for chronic rhinosinusitis: snake oil or cure? American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting Miniseminar, Orlando FL, September 21, 2014
19. Davis GE. Video presentation: Sinus surgery on a gorilla. American Rhinologic Society Fall Film FESStival. Orlando FL. September 20, 2014.
20. Davis GE, Goldstein B, Land A, Holbrook E. Panel: Doctor I can't smell or taste; what's new in the area of olfaction? American Rhinologic Society COSM Meeting, Las Vegas, NV, May 17, 2014.
21. Shin J, Purcell P, Davis GE, Parikh S. Nasoseptal flap reconstruction of pediatric sellar defects. Western States Medical Student Research Forum. Carmel CA, January 23 2014
22. Liu JJ, Chan GC, Hecht AS, Storm DR, Davis GE. The effect of nasal saline irrigation on olfaction: a prospective randomized trial. American Rhinologic Society Annual Meeting. Washington DC, September 8, 2012.
23. Lim J, Davis GE, Storm D. Human sinonasal explants system for testing cytotoxicity of intranasal agents. 57th Annual Meeting of the American Rhinologic Society. San Francisco CA, September 11, 2011.
24. Davis GE. The Benefits of Surgical Simulation for Otolaryngology Training. American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting Exposition – Stryker Neuro Spine ENT MedEd Lecture Series, San Francisco, September 12-13, 2011.
25. Brietzke SE, Weinberger DG, Davis GE, Schwartz SR. Landmark Randomized Clinical Trials in Otolaryngology. American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting Miniseminar, San Francisco, September 13 2011
26. Davis GE, Smith T, Marple B, Orlandi R. Evidence-based Approach to Treating Chronic Rhinosinusitis. American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting Miniseminar, San Francisco, September 12 2011.
27. Davis GE, Yueh B, Walker EA, Katon W, Koepsell TD, Weymuller EA. Psychiatric Distress Amplifies Symptoms after Surgery for Chronic Rhinosinusitis. American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting, New York, September 2004
28. Davis GE, Schwartz SR, Veenstra DL, Yueh B. Cost comparison of surgery versus organ preservation for laryngeal cancer. American Head and Neck Society's Sixth International Conference on Head and Neck Cancer, Washington DC, August, 2004.

29. Davis GE. Impact of Somatization on Clinical Outcomes After Surgery for Chronic Rhinosinusitis. American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting. San Diego, California; September 24, 2002.
30. Davis GE. Contested Insurance Systems Impact on Patient’s Low Back Symptoms. 26th Annual Western Student Medical Research Forum. Carmel, California; February 7, 1998.

LOCAL PRESENTATIONS

1. Davis GE. Sinusitis. University of Washington Parent & Family Weekend Invited Faculty Presentations. April 9, 2016. Seattle WA
2. Davis GE. Chronic Rhinosinusitis – A Surgeon’s Perspective Take II. University of Washington Allergy Journal Club. April 5, 2016. Seattle WA
3. Davis GE. Panel: My Most Interesting Sinus Case Ever. March 10, 2016. Seattle Otology and Advanced Rhinology Course, Seattle WA.
4. Davis GE. Panel: Challenges in Everyday Rhinology. March 11, 2016. Seattle Otology and Advanced Rhinology Course, Seattle WA.
5. Davis GE. Panel: Super Pearls: The single most important thing to know about treating CRS. March 11, 2016. Seattle Otology and Advanced Rhinology Course, Seattle WA.
6. Davis GE, Collins D, Liddel R. ZooVentures – VIP: Surgical care for a 425 pound gorilla. Woodland Park Zoo. June 29, 2015. Seattle WA
7. Davis GE: Chronic Rhinosinusitis with Nasal Polyposis. Northwest Allergy Journal Club. April 7, 2015. Seattle WA.
8. Davis GE. Panel: Spectacular Rhinology Cases. March 27, 2015. Seattle Otology and Advanced Rhinology Course, Seattle WA.
9. Davis GE: One Health: Animals, Humans and the Environment. University of Washington Mini-Medical School. March 10, 2015. Seattle, WA.
10. Davis GE: Chronic Rhinosinusitis with Nasal Polyposis: A Surgeon’s Perspective. Washington State Society of Allergy, Asthma and Immunology, 2014 Northwest Allergy Forum. October 12, 2014. Seattle WA.
11. Davis GE: Epistaxis, intraoperative hemostasis, and HHT. August 22, 2014. Virginia Mason Advanced Rhinology Course, Seattle WA.

12. Davis GE. Panel: Nasal Polyps, our nemesis. March 28, 2014. Seattle Otolaryngology and Advanced Rhinology Course, Seattle WA.
13. Davis GE. Panel: In-office procedures for chronic rhinosinusitis. January 12, 2014. Northwest Academy of Otolaryngology Annual Meeting, Seattle WA.
14. Davis GE, Fredricks D. Mucormycosis: Optimizing Diagnosis and Treatment. Grand Rounds – Fred Hutch Cancer Research Center. June 11, 2013.
15. Davis GE. Rhinology Journal Club: Medical versus Surgical Management for Chronic Rhinosinusitis. February 27, 2013. Seattle WA.
16. Davis GE. Panel: My Most Challenging & Interesting Sinus Case, Director. February 1, 2013. Seattle Otolaryngology and Advanced Rhinology Course, Seattle WA.
17. Davis GE. Panel: How to Make FESS More Enjoyable, Director. February 1, 2013. Seattle Otolaryngology and Advanced Rhinology Course, Seattle WA.
18. Davis GE. Demonstration dissection: Modified endoscopic Lothrop procedure. January 31, 2013. Seattle Otolaryngology and Advanced Rhinology Course, Seattle WA
19. Davis GE. Demonstration dissection: Inferior Turbinate Reduction. January 31, 2013. Seattle Otolaryngology and Advanced Rhinology Course, Seattle WA
20. Davis GE. Panel Moderator and Speaker: Nasal Polyps Treatment Tips and Disasters. Northwest Academy of Otolaryngology – Head and Neck Surgery. January 12, 2013.
21. Davis GE. Management of Chronic Rhinosinusitis. November 29, 2012. UW Internal Medicine Resident Lecture Series. Seattle WA.
22. Davis GE. Making FESS More Enjoyable. UW OTO-HNS Resident Sinus Surgery Course. November 14, 2012. Seattle WA.
23. Davis GE. Maxillary Trephination. UW OTO-HNS Resident Sinus Surgery Course. November 14, 2012. Seattle WA.
24. Davis GE. Nasoseptal Flap. UW OTO-HNS Resident Sinus Surgery Course. November 14, 2012. Seattle WA.
25. Davis GE. Modified Endoscopic Lothrop Procedure. UW OTO-HNS Resident Sinus Surgery Course. November 14, 2012. Seattle WA.
26. Davis GE. Sinusitis: from depression to olfaction. A journey of a KL2 scholar. May 14, 2012. Seattle WA. A Celebration of the ITHS Class of 2012.

27. Davis GE. Chronic Rhinosinusitis and Invasive Fungal Sinusitis. April 25, 2012. Seattle, WA. University of Washington Division of Infectious Disease Fellow's Conference.
28. Davis GE. I've got sinus. April 25, 2012. Shoreline, WA. 23rd Annual Pacific Northwest Ambulatory Care Nursing Conference.
29. Davis GE. Making FESS More Enjoyable. UW OTO-HNS Resident Sinus Surgery Course. December 14, 2011. Seattle WA.
30. Davis GE. Maxillary Trephination. UW OTO-HNS Resident Sinus Surgery Course. December 14, 2011. Seattle WA.
31. Davis GE. Mini-frontal trephination. UW OTO-HNS Resident Sinus Surgery Course. December 14, 2011. Seattle WA.
32. Davis GE. Nasoseptal Flap. UW OTO-HNS Resident Sinus Surgery Course. December 14, 2011. Seattle WA.
33. Davis GE. Modified Endoscopic Lothrop Procedure. UW OTO-HNS Resident Sinus Surgery Course. December 14, 2011. Seattle WA.
34. Davis GE. Frontal Sinus Surgical Options. October 27, 2011. Seattle Otology and Advanced Rhinology Course, Seattle Science Foundation. Seattle, Washington.
35. Davis GE. Secrets to more enjoyable FESS. October 27, 2011. Seattle Otology and Advanced Rhinology Course, Seattle Science Foundation. Seattle, Washington
36. Davis GE. Institute for Translational Health Sciences Journal Club, "Reengineering Translational Science". October 17, 2011.
37. Davis GE. Understanding the Frontal Sinuses and Surgical Options. August 25, 2011. Japan Lab, Seattle Science Foundation. Seattle, Washington.
38. Davis GE. Making FESS More Enjoyable. August 25, 2011. Japan Lab, Seattle Science Foundation. Seattle, Washington.
39. Davis GE. Chronic Rhinosinusitis and Invasive Fungal Sinusitis. June 29, 2011. Seattle, WA. University of Washington Division of Infectious Disease Fellow's Conference.
40. Davis GE. Surgical management of frontal sinus disease. UW OTO-HNS Resident Rhinology Lecture Series. February 16, 2011.
41. Davis GE. Invasive fungal sinusitis and in-service review for rhinology. UW OTO-HNS Resident Rhinology Lecture Series. February 23, 2011.

42. Davis GE. Maxillary sinus trephination. UW OTO-HNS Resident Sinus Surgery Course. November 22, 2010. Seattle WA
43. Davis GE. Mini-frontal trephination. UW OTO-HNS Resident Sinus Surgery Course. November 22, 2010. Seattle WA
44. Davis GE. Inferior turbinate reduction. UW OTO-HNS Resident Sinus Surgery Course. November 22, 2010. Seattle WA
45. Davis GE. Pituitary surgery. UW OTO-HNS Resident Sinus Surgery Course. November 22, 2010. Seattle WA
46. Davis GE. Endoscopic DCR. UW OTO-HNS Resident Sinus Surgery Course. November 22, 2010. Seattle WA
47. Davis GE. Endoscopic Lothrop procedure. UW OTO-HNS Resident Sinus Surgery Course. November 22, 2010. Seattle WA
48. Davis GE. Sinusitis. Update in Primary Care Otolaryngology. Seattle WA; October 9, 2010.
49. Davis GE. Panel Presentation: Common Dilemmas in Rhinology. Northwest Academy of Otolaryngology – Head and Neck Surgery 2010 Winter Conference, Seattle, WA; January 9, 2010
50. Davis GE. Frontal Recess Anatomy. UW OTO-HNS Resident Rhinology Lecture Series. February 25, 2009.
51. Davis GE. Modified Endoscopic Lothrop Procedure. UW OTO-HNS Resident Rhinology Lecture Series. March 4, 2009.
52. Davis GE. Unlocking the frontal recess. Northwest Academy of Otolaryngology – Head and Neck Surgery 2009 Winter Conference, Seattle, WA; January 10, 2009

OTHER

Expert Medical Legal Testimony Federal Multidistrict Litigation: Zicam induced olfactory loss, September 29, 2010.

Expert Medical Legal Testimony: several individual litigations (Arizona, Washington, California, and Florida): Zicam induced olfactory loss. 2010-2013.

Expert Medical Legal Testimony for other rhinology related suits in Washington State (Wolfe vs Alaska Knight, Paget vs. Kadlec Regional Medical Center), 2010 - present

Consultant: Educational consultant for Stryker Surgical, 2011

Consultant: Rhinology powered instruments and navigation – Medtronic, 2013 - present

Consultant: Intersect ENT, 2015 - present

Medical Consultant: Woodlawn Park Zoo, 2014 - present. This experience includes a first-in-history endoscopic sinus surgery on a gorilla. Video of this amazing story below.

Dr. Davis in the news:

- UW360 TV coverage: <https://www.youtube.com/watch?v=DDQi-K6CuYs&>
- UW Mini Medical School Presentation by Dr. Davis: <http://uwtv.org/watch/4ieqh1x1WBw/>
- NPR Radio Interview: <http://kuow.org/post/uw-surgeon-gets-personal-seattles-alpha-gorilla>
- KOMO TV4 Story: <http://www.komonews.com/news/local/Nothing-to-sniff-at-for-sinus-surgeon-patient-is-425-lb-gorilla-281986211.html?tab=video&c=y>
- UW Medicine Magazine: <http://depts.washington.edu/givemed/magazine/2015/04/gorilla-surgery>
- Woodland Park Zoo Blog 2014: <http://woodlandparkzblog.blogspot.com/2014/08/gorilla-vip-recovering-from-successful.html>
- Woodland Park Zoo Blog 2015: <http://blog.zoo.org/2015/08/breathe-easy-gorilla-vip-recovers-from.html>
- UW Medicine News: <http://hsnewsbeat.uw.edu/story/zoo-and-uw-medicine-team-treat-gorillas-sinuses>