

CURRICULUM VITAE
JONATHAN A. PERKINS, D.O.

Personal Data:

Born: Seattle, WA, January 2, 1960

Married: Sarah Perkins
Five children

Predoctoral Education:

Biola College		1978-1979
La Mirada, CA		
University of Washington	BA	1979-1983
Seattle, WA		
University of Osteopathic Medicine and Health Sciences	D.O.	1983-1987
Des Moines University, Des Moines, IA		

Postdoctoral Education:

Transitional Internship:

Madigan Army Medical Center		1987-1988
Tacoma, WA		

Residency:

General Surgery Service		1989-1990
Madigan Army Medical Center		
Tacoma, WA		

Otolaryngology/Head and Neck Surgery		1990-1993
Madigan Army Medical Center		
Tacoma, WA		

Post-residency:

Pediatric Otolaryngology/Head and Neck Surgery		1994-1995
Children's Hospital and Medical Center		
Clinical fellowship		
Otolaryngology/Head and Neck Surgery		
University of Washington		
Seattle, WA		

Faculty Positions:

Acting Instructor, Otolaryngology/Head and Neck Surgery University of Washington, School of Medicine, Seattle, WA	1994-1995
Clinical Assistant Professor, Otolaryngology/Head and Neck Surgery University of Washington, School of Medicine, Seattle, WA	1996-1998
Attending Pediatric Otolaryngologist and Director of Education Otolaryngology/Head and Neck Surgery Residency Madigan Army Medical Center, Tacoma, WA	1995-1998
Chief, Section of Pediatric Otolaryngology Associate Professor of Surgery and Pediatrics Division of Otolaryngology/Head and Neck Surgery Department of Surgery, Albany Medical College, Albany, NY	1998-2000
Assistant Professor of Otolaryngology/Head and Neck Surgery	2000-2004
Associate Professor of Otolaryngology/Head and Neck Surgery	2004-2009
Professor of Otolaryngology/Head and Neck Surgery Division of Pediatric Otolaryngology/Head and Neck Surgery Seattle Children's Hospital	2010-present
Department of Otolaryngology/Head and Neck Surgery, University of Washington, School of Medicine, Seattle, WA	
Seattle Children's Hospital Otolaryngology Peds Fellowship Core Clinical Competence Director	2015-2018
Seattle Children's Hospital Otolaryngology Resident Site Director	2016-2018

Hospital Positions:

Madigan Army Medical Center (Internship, Residency, Officer-in-Charge Yakima Health Clinic)	1987-1993
Chief, Otolaryngology Service Fort Campbell, KY	1993-1994
Assistant Chief, Otolaryngology/Head and Neck Service Madigan Army Medical Center, Tacoma, WA	1997-1998
Attending Otolaryngologist Seattle Children's Hospital	2000-present

Honors and Awards:

Transitional Internship Research Award	1988
Madigan Army Medical Center	1988
Society of Military Otolaryngologists	1993
Army Commendation Medal, Fort Campbell, KY	1994

Army Achievement Medal, Madigan Army Medical Center Tacoma, WA	1997
Army Commendation Medal, Madigan Army Medical Center Tacoma, WA	1997
Second Place, Resident Paper Award	
Certificate of Honor, American Academy Oto/HNS Foundation	2004
Best Doctors of America	2007-present
Elsevier Publishing/Am Acad of Oto/HNS Foundation Travel Award	2009
Trachy Faculty Research Award, UW Otolaryngology-HNS	2009
Washington Top Doctors	2012
Charles Ferguson Award	2013
Robert Ruben Award for Scientific Achievement, SENTAC	2014
Trachy Faculty Research Award, UW Otolaryngology-HNS	2015
First Place Poster Award , ASPO Annual Meeting	2016

Board Certification:

American Board of Otolaryngology	1994
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Licensure:

Washington State	1994-present
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Organizations:

Christian Medical and Dental Society	1983-2003
American Academy of Otolaryngology-HNS, Fellow	1988-present
Society of Military Otolaryngologists	1992-1998
American Society of Military Osteopathic Physicians & Surgeons	1993-1998
American Academy of Pediatrics, Fellow	1996-2008
American Society of Pediatric Otolaryngology	1998-present
Society for Ear, Nose and Throat Advances in Children	1999-2008
American Cleft Palate/Craniofacial Association	1999-2009
International Society for the Study of Vascular Anomalies	2002-present

Regional and International Invitation Lectures, Teaching Responsibilities, Courses and Mini Seminars:

1. Faculty “Nasal Pharmacology: How to Choose the Right Drug”. Difficult Surgical, Clinical, and Reconstructive Problems in Otolaryngologic Surgery Seminar, Tacoma, WA, 1992.
2. “Approach to Pediatric Head and Neck Masses”, “Pediatric Sinusitis”. Family Practice Grand Rounds, Madigan Army Medical Center, Tacoma, WA, 1995.

3. "Airway Foreign Bodies", Approach to Pediatric Head and Neck Masses", "Otitis Media Update", "Pediatric Obstructive Sleep Apnea". Pediatric Grand Rounds, Madigan Army Medical Center, Tacoma, WA, 1995, 1996.
4. "Ludwig's Angina". Pediatric Grand Rounds, Children's Hospital and Medical Center, Seattle, WA, May 1995.
5. "Foreign Bodies in the Head and Neck". Emergency Medicine Grand Rounds, Madigan Army Medical Center, Tacoma, WA, 1996.
6. Director and Faculty, Interactive Otitis Media Workshop. Madigan Army Medical Center, Tacoma, WA, August 1996, 1997.
7. Faculty, "Laryngeal and Tracheal Stenosis and Recurrent Respiratory Papillomatosis". National Medical Congress in Pediatric Otolaryngology, San Pedro Sula, Honduras, C.A., November 1996.
8. Director, Update in Pediatric Head and Neck Reconstruction. Madigan Army Medical Center, Tacoma, WA, 1996, 1997.
9. Director and Faculty, MAMC/UW Pediatric Endoscopy Course. Madigan Army Medical Center, Tacoma, WA, February 1996, 1997, 1998.
10. Faculty, "Pediatric Obstructive Sleep Apnea". Multi-Disciplinary Approach to Obstructive Sleep Apnea, Madigan Army Medical Center, Tacoma, WA, 1997.
11. "Pediatric Voice Disorders". Pediatric Grand Rounds, Albany Medical College, Albany, NY, 1998.
12. "Treatment of Draining Ear". St. Claire's Family Practice Residency, 1998.
13. "Current Therapy for Otitis Media". Department of Family Practice, Albany Medical College, Albany, NY, 1998.
14. "Pediatric Rhinosinusitis". Capital District Pediatric Society, Albany, NY, 1999.
15. "What's New in Pediatric ENT". Kingston Pediatric Department, Kingston, NY, 1999.
16. "Tympanostomy Tubes and Otic Suspensions". Commentary contributor for AAP Grand Rounds, July 2000.
17. Snoring and obstructive Sleep Apnea". Commentary contributor for AAP Grand Rounds, August 2000.
18. "Tympanostomy tubes and Quality of life". Commentary contributor for AAP Grand Rounds, October 2000.

19. Director and Faculty, Genetics Symposium for the Capital District Pediatric Society, Latham, New York, 2000.
20. “The Impact of Molecular Genetics on Pediatric Otolaryngology”. Surgery Grand Rounds, Albany Medical Center, Albany, NY, 2000.
21. Co-Director and Faculty, “Current Topics in Otolaryngology-Head and Neck Surgery”. Albany Medical College, Albany, NY, 2000.
22. Faculty, Madigan Army Medical Center Pediatric Endoscopy Course. Madigan Army Medical Center, Tacoma, WA, 2001, 2003.
23. Instructional Course, Otolaryngologic Management of Craniofacial Syndrome. American Academy of Otolaryngology – Head & Neck Surgery, Annual Meeting, 2001, 2002, 2003, 2004.
24. Otolaryngology Lectures for Children’s Hospital & Regional Medical Center Pediatric Residents, Seattle, WA, 2002.
25. Pediatric Otolaryngology Presentations for Otolaryngology Residents, UWMC, Seattle, WA, 2001, 2003, 2005, 2007, 2009, 2011.
26. “Pediatric Rhinosinusitis”. Benton-Franklin County Medical Society 17th Annual CME Seminar, Pasco, WA, March 2001.
27. “Update Pediatric Hearing Loss, Rhinosinusitis and Vascular Anomalies”. Madigan Army Medical Center Pediatric Winter Conference, Tacoma, WA, January 2001.
28. “Update in Vascular Anomalies”. Northwest Academy of Otolaryngology-Head/Neck Surgery Winter Meeting, Whistler, B.C., January 2001.
29. Craniofacial/Otolaryngology Lecture for Orthodontics Students, Children’s Hospital & Regional Medical Center, Seattle, WA, 2002, 2003, 2004, 2005, 2006, 2007.
30. “Treatment Issues of Ear Infections for Special Treatment Groups”. National Association of Managed Care Physicians, March 2002.
31. “Evaluation and Treatment of the Disordered Pediatric Airway”. American Academy of Dental Medicine, Seattle, WA, June 2002.
32. “Pediatric Head and Neck: Pits, Tags, and Bumps, What to do?” Pacific Northwest Dermatological Society, Victoria, BC, July 2002.
33. “Treatment Issues in Ear Infections for Special Treatment Groups” National Association of Managed Care Physicians, San Francisco, CA, August 2003.

34. Society for Ear, Nose and Throat Advances in Children: Vascular Anomaly and Plastic Surgery Panel Presentations, New Orleans, LA, October 2003.
35. "Update in Otolaryngology". Congenital Neck Masses, Manchester, VT, October 2003.
36. Pediatric Otolaryngology Update: Vascular Anomalies of Head and Neck, Strider, Tacoma, WA August 2004.
37. "Sleep Disordered Breathing and Craniofacial Syndromes". Orthodontic Seminar, Children's Hospital & Regional Medical Center, Seattle, WA, November 2004.
38. Third Annual Craniofacial Lectureship, University of Mississippi, Jackson, MI, April 2005.
39. "Current Treatment Challenges in Vascular Anomalies". American Society of Pediatric Otolaryngology, Las Vegas, NV, May 2005.
40. "The Role of the Otolaryngologist in the Management of Vascular Anomalies". Miniseminar, AAO-HNS Annual Meeting, Los Angeles, CA, September 2005.
41. "Diagnosis and Treatment". Second Workshop of Vascular Anomalies, Medical University of Gdansk, Gdansk, Poland, November 2005.
42. "Lymphatic Malformation Treatment". American Academy of Otolaryngology-Head & Neck Surgery, 2006, 2007, 2008.
43. "Management of Lymphatic Malformations". American Academy of Otolaryngology-Head and Neck Surgery Annual Conference, Toronto, Canada, September 2006.
44. "Management of Lymphatic Malformations". American Academy of Otolaryngology-Head and Neck Surgery Annual Conference, Washington, DC, September 2007.
45. SENTAC Panel on Multidisciplinary Vascular Anomaly Management. Milwaukee, WI, December 2007.
46. Chair, "Robin Cotton Panel: Vascular Malformations". American Society of Pediatric Otolaryngology. May 2008.
47. "Management of Lymphatic Malformations". American Academy of Otolaryngology-Head and Neck Surgery Annual Conference, Chicago, IL, September 2008.
48. "Lymphatic malformation treatment: Past Present and Future". Department of Otolaryngology/HNS, National University of Singapore, Singapore, October 2009.
49. "Airway hemangioma assessment and treatment". Department of Otolaryngology/HNS, National University of Singapore, Singapore, October 2009.

50. "Changing Treatment of Pediatric Head and Neck Infections and Infantile Hemangioma. Current Management Techniques in Otolaryngology and Otolaryngology". Benaroya Research Institute, Virginia Mason Medical Center, Seattle, WA, May 2010.
51. "Frontiers in Prenatal Research: Prenatal Imaging and Treatment of Head and Neck Lesions. From Prenatal Care to Pediatric Outcomes". Bridging the Gap conference, Seattle, WA, June 2010.
52. "Management of Lymphatic Malformations". American Academy of Otolaryngology-Head and Neck Surgery Annual Conference, Boston, MA, September 2010.
53. "Infantile Hemangioma Management". American Academy of Otolaryngology-Head and Neck Surgery Annual Conference, Boston, MA, September 2010.
54. "Pediatric Sleep Disordered Breathing". Otolaryngology Update for Primary Care, Seattle, WA, October 2010.
55. "Management of Lymphatic Malformations". American Academy of Otolaryngology-Head and Neck Surgery Annual Conference, San Francisco, CA, September 2011.
56. "Infantile Hemangioma Management". American Academy of Otolaryngology-Head and Neck Surgery Annual Conference, San Francisco, CA, September 2011.
57. Panelist, "Propranolol and hemangiomas". American Society of Pediatric Otolaryngology, San Diego, CA, April 2012.
58. "Infantile Hemangioma and Propranolol". Madigan Army Medical Center, Tacoma, WA, April 2012.
59. "How Clinical and Basic Science Research have changed my approach to Lymphatic Malformation Treatment". European Society of Pediatric Otolaryngology. Amsterdam, Netherlands, May 2012.
60. "Management of Lymphatic Malformations". American Academy of Otolaryngology-Head and Neck Surgery Annual Conference, Washington, DC, September 2012.
61. "Infantile Hemangioma Management". American Academy of Otolaryngology-Head and Neck Surgery Annual Conference, Washington DC, September 2012.
62. "Tracheotomy complications, Tracheotomy decannulation methodology, Approach to failed extubation, Airway Foreign Body, Airway Hemangioma Treatment". Airway Endoscopy Course National University of Singapore, Singapore, November 2012.
63. Panelist, "Current treatment of Lymphatic Malformations". American Society of Pediatric Otolaryngology, May 2013.

64. "Hemangiomas & Vascular Malformations of the Head and Neck". 4th International Symposium, Hemangiomas and Vascular Malformations of the Head and Neck: State of the Art, Little Rock, AK, April 2013.
65. Panelist, "Pharmacotherapy for Hemangiomas and Vascular Malformations". 4th International Symposium on Hemangiomas & Vascular Malformations of the Head and Neck: State of the Art, Little Rock, AK, April, 2013.
66. Panelist, "Surgical Management of Vascular Anomalies". 4th International Symposium on Hemangiomas & Vascular Malformations of the Head and Neck. Little Rock, AK, April 5-6, 2013.
67. "A Grading System of AVM's and More Recently Lymphatic Malformations Has Been Proposed. Are These Grading Systems Helpful in Any Way and Should They Be Adopted?". Controversies in Vascular Anomalies, New York Academy of Sciences, New York, NY, May 2013.
68. Vascular Anomalies Research, "Innovative Solutions to Chronic Conditions". Guardians' Circle Luncheon. Medina, WA, May 2013.
69. "Management of Head and Neck Lymphatic Malformations". American Academy of Otolaryngology-Head and Neck Surgery, Vancouver, Canada, September 2013.
70. "Management of Head and Neck Infantile Hemangiomas". American Academy of Otolaryngology-Head and Neck Surgery, Vancouver, Canada, October 1, 2013.
71. "How Basic Science and Clinical Research Have Affected My Approach to LM Management and Surgery". First Moscow Symposium on Head and Neck Vascular Anomalies, Moscow, Russia, October 21, 2013.
72. "Standardizing Assessment and Treatment of Robin Sequence Tongue Base Airway Obstruction". First Moscow Symposia on Head and Neck Vascular Anomalies, Moscow, Russia, October 21, 2013.
73. "New Insights into Infantile Hemangioma Biology". Vascular Anomalies Symposia, Gdansk, Poland, 2014.
74. "The Genetic Basis for Lymphatic Malformations Treatment Implications". Vascular Anomalies Symposia, Gdansk Poland, September 2014.
75. "Diagnosis and Treatment of Congenital Cervical Sinuses, Fistulas and Cysts". Polish Congress of Pediatric Surgery, Gdansk, Poland, September 2014.
76. "What will it take to Cure Childhood Disease?" Puget Sound Business Journal Symposia, Seattle, WA October 22, 2014.

77. "Building a Vascular Anomaly Program from Scratch: Past, Present and Future". Robert Ruben Lifetime Scientific Achievement Award, Society for Ear Nose and Throat Advances in Children, SENTAC, St. Louis MO, December 2014.
78. "Vascular anomalies research improving patient's lives and saving money". Friends of Costco Guild Meeting, Seattle Children's Hospital, Seattle, WA, May 2015.
79. "Management of Head and Neck Lymphatic Malformations". American Academy of Otolaryngology-Head and Neck Surgery. Dallas, TX. September 2015.
80. "Perkins J. Current Treatment of Lymphatic Malformations". Miniseminar. American Academy of Otolaryngology-Head and Neck Surgery. Dallas, TX. September 2015.
81. "Congenital Head and Neck Masses". NICU Education Day, Seattle Children's Hospital, Seattle, WA, October 19, 2015.
82. "Vascular Anomaly Update: Understanding Vascular Anomalies Inside and Out". 100th Annual Clinical Assembly of the American Osteopathic Colleges of Ophthalmology and Otolaryngology- Head and Neck Surgery. Scottsdale, AZ. May 2016.
83. "Endothelial Expression & Systemic Circulation of C19 MicroRNA are Distinguishing Features of Infantile Hemangioma". ISSVA 2016 21st International Workshop on Vascular Anomalies. Buenos Aires, Argentina. April 2016.
84. "Endothelial expression and systemic circulation of C19MC placental microRNAs are distinguishing features of infantile hemangioma vascular tumors". Strub G, Perkins J. American Society of Pediatric Otolaryngology, Chicago, IL. May 2016.
85. "Remembering osteopathic medical school graduation: implications for your future". US Military Commissioning Ceremony, Arizona College of Osteopathic Medicine, Phoenix, AZ, June 2016.
86. "Hemangiomas and Vascular Malformations of the Head and Neck". 13th Congress of the European Society of Pediatric Otorhinolaryngology. CCB – Centro Cultural de Belém, Lisbon, Portugal. June 2016.
87. "Congenital Head and Neck Masses". Neonatology Fellow's Conference, Seattle Children's Hospital/University of Washington, Seattle, WA, June 28, 2016.
88. "New Understanding of Vascular Anomaly Development", Oral & Maxillofacial Surgery Grand Rounds, UWMC, Seattle, WA, September 7, 2016.
89. "Precision Medicine in Pediatric Otolaryngology". Grand rounds, Walter Reed Otolaryngology Head and Neck Surgery Department, Bethesda, MD, Feb 23, 2017.

90. "Update in New Vascular Anomaly Assessment and Treatment". Post Anesthesia Care Unit Nursing Rounds, Seattle Children's Hospital, Seattle, WA, March 8, 2017.
91. "Treating Otitis Media in the Guideline Era". Panelist. Pediatric Otolaryngology Update for Primary Care Providers, Seattle Children's Hospital, Seattle, WA April 8, 2017.
92. "My Child Failed a Hearing Test at School-Now What? Pediatric Otolaryngology Update for Primary Care Providers, Seattle Children's Hospital, Seattle, WA April 8, 2017.
93. "Airway endoscopy in RS". Airway Management Panel. 2nd International Robin Sequence Consensus Meeting, Toronto, Ontario, Canada, May 7, 2017.
94. "SCH TBAO Evaluation and Management Protocol". Protocol Panel. 2nd International Robin Sequence Consensus Meeting, Toronto, Ontario, Canada, May 7, 2017.
95. "Overview of Lymphatic Malformations: Diagnosis, Management, and Treatment Outcomes". 3rd Annual Vascular Anomalies Retreat, Seattle Children's Hospital, Seattle, WA, November 29, 2017.
96. "Prenatal Low-Dose CT Scan to Guide Treatment for Fetal Skeletal Abnormalities". Bly RA, Traudt C, Goldberg M, Perkins JA, Dighe M, Cheng E. ACMG Annual Clinical Genetics Meeting, Charlotte, NC. April 2018.
97. "Lymphatic Malformation and Tongue Involvement: Relating Genetics and Measuring Outcome". Panelist. American Society of Pediatric Otolaryngology at COSM, National Harbor, MD, April 21, 2018.
98. "Exome Sequencing of Surgically Resected Extracranial Arteriovenous Malformations". American Society of Pediatric Otolaryngology at COSM, National Harbor, MD, April 21, 2018.
99. "Good Compliance with Propranolol Therapy in Young Children with Infantile Hemangioma". Padia R, Perkins J. American Society of Pediatric Otolaryngology Annual Meeting at COSM, National Harbor, MD, April 22, 2018.
100. "Vascular Anomalies Program: How multidisciplinary Research are Changing Diagnosis and Treatment". Seattle Children's Hospital Guild Association, Seattle, WA, May 14, 2018.
101. "Updates in Vascular Anomalies, Bench and Bedside: Efficacy and Safety of Pre-Operative Glue Embolization in Treatment of Head and Neck Venous Malformations". 22nd International Workshop of the International Society for the Study of Vascular Anomalies (ISSVA), Muziekgebouw aan 't IJ, Amsterdam, The Netherlands, May 30, 2018.
102. "The Full Spectrum of Post-Zygotic PIK3CA Mutations in non-syndromic Lymphatic Malformations". James Bennett, Chi Cheng, Dana Jensen, Andrew Timms, Sheila Ganti, Giri Shivaram, Randall Bly, Andrew Kirsh, William Dobyns, Mark Makesky and Jonathan Perkins. Muziekgebouw aan 't IJ, Amsterdam, The Netherlands, May 31, 2018.

103. “Pre-operative percutaneous n-BCA glue embolization of truncal and extremity venous malformations: technique, safety, and clinical outcomes”. Giridhar Shivaram, Eric Monroe, Rush Chewning, Antoinette Lindberg, Kevin Koo, Randall Bly and Jonathan Perkins. Muziekgebouw aan ‘t IJ, Amsterdam, The Netherlands, June 1, 2018.
104. “Efficacy and Safety of Pre-Operative Glue Embolization in Treatment of Head and Neck Venous Malformations”. Muziekgebouw aan ‘t IJ, Amsterdam, The Netherlands, June 1, 2018.

Special Responsibilities:

Pediatric Otolaryngology Committee American Academy of Otolaryngology-HNS	1998-2001
Environment Committee American Academy of Otolaryngology-HNS	1999-2002
Self Instructional Package Faculty American Academy of Otolaryngology-HNS	2002-2008
Director ASPO Task Force for Study of Vascular Anomalies	2003-present
Member, ASPO Long Range Planning Committee	2011-present

Editorial Responsibilities:

GeneReviews at GeneTests	2005-present
Contributing Editor Otolaryngology Section AAP Grand Rounds	1999-2001

Special Local Responsibilities:

Seattle Children’s Hospital Committees:

Laser Committee	2001-2008
Website Committee	2001-2002
New Medical Device Committee	2002-2003
CUMG Practice Committee	2003-2008
Express Track Development	2004-2005
Ambulatory CPOE Oversight Group	2005-2006
Academic Enrichment Grant Review	2006-2007
Ambulatory CPOE Superuser Group	2007-2008
Center for Clinical & Translation Research Steering Committee	2010-present

Research Funding:

Principal Investigator – US Medical Research Grant: Modification and Control of Wound Healing in Tracheobronchial Injuries Using Minimally Invasive Surgical Techniques and Biologic Growth Factors (92161002), \$50,000. 1997-1999.

Co-Investigator – NIDCR RO1: Tongue Volume, Function and Biomechanics. Funded 2004-2006.

Principal Investigator – Seattle Children’s Academic Enrichment Fund, “Functional Assessment of Head and Neck Lymphatic Malformations,” \$50,000. 2008-2011.

Principal Investigator – Seattle Children’s Research Institute, Center for Clinical and Translational Research, Pediatric Pilot Awards: “Identification of biomarkers associated with Propranolol-induced infantile hemangioma regression,” \$20,000. 09/01/2009 to 02/28/2011.

Co-Investigator – Seattle Children’s Academic Enrichment Fund, “Density and Size of Lymphatic Capillaries Within the Pediatric Larynx,” \$25,000. 2010-2012.

Principal Investigator – Seattle Children’s Smith Family Endowment. Vascular anomaly tissue engineering research. \$16,000. Funded 2011-2015.

Principal Investigator – Northwest Institute of Genomic Medicine (NWIGM). “Differential Genetic Expression and Biologic Behavior in Vascular Tumor Endothelium; Lymphatic Malformations: Whole-exome sequencing to discover a genetic contribution to lymphatic malformation.” September 2011.

Principal Investigator – Seattle Children’s Foundation Support, anonymous donor, \$5,672.91. Gifted 2012.

Principal Investigator – Seattle Children’s Foundation Support, anonymous donor, \$10,235.35. Gifted 2013.

Principal Investigator – Seattle Children’s Research Institute, Translational Research Ignition Project Program (TRIPP) Fund. “Propranolol Induced Changes in microRNA Expressions in Specific Infantile Hemangioma Cells”, \$ 50,000. Funded 2013-2014

Principal Investigator – Children’s Surgery Pioneers Endowment, “Exome Sequencing of Vascular Anomalies,” \$25,000. Gifted 2013-2015.

Principal Investigator-Seattle Children’s Hospital Foundation Support, anonymous donor, “Vascular Anomalies Research”, \$700,000. Gifted 2014-2015.

Principal Investigator – Seattle Children’s Research Institute, Translational Research Ignition Project Program (TRIPP) Fund. “Propranolol Induced Changes in microRNA Expressions in Specific Infantile Hemangioma Cells”, \$45,000. Funded 2014-2016.

Principal Investigator- Seattle Children’s Foundation Support, anonymous donor, \$100,000. Gifted 2014.

Co- Investigator- NIH R01, Mosaic: post-zygotic mutations in vascular and lymphatic developmental disorders. \$801,966. Funded 2016-2020.

Co-Investigator- Seattle Children's Foundation Support, Medical Fund Grant, "Medical Equipment Grant". \$30,000. Funded December 2016.

Mentor for Funded Research Awards

Mentor – American Society of Pediatric Otolaryngology, "Lymphatic malformation Assessment of Function", \$20,000. Funded 2013.

Mentor – American Society of Pediatric Otolaryngology, "MicroRNA-mediated regression of infantile hemangioma by propranolol", \$20,000. Funded 2014

Mentor – American Society of Pediatric Otolaryngology, "Objective imaging measures to guide Robin Sequence airway management", \$20,000. Funded 2015.

Publications:

1. Perkins JA. *Controlled drug delivery systems: A literature review*. Published in the Proceedings of the Letterman Army Institute of Research. 1985.
2. Perkins JA. *The diffusion of 5-fluorouracil through a silicone rubber device: An In-Vitro study*. Published in the Proceedings of the Letterman Army Institute of Research. 1985.
3. Perkins JA, Andrade WP, Blakeslee DB. *Nasal polyps, a manifestation of allergy*. Otolaryngology-Head and Neck Surg. 1989 Dec;101(6):641-45.
4. Perkins JA, Lyons F, Smith S. *Bowel obstruction from a retained inner bumper following removal of a gastrostomy tube: A case report*. Military Medicine. 1993 Feb;158(2):120-1.
5. Perkins JA, Morris MR. *Treatment of acute frontal sinusitis: A survey of current therapeutic practices among members of the Northwest Academy of Otolaryngology*. American Journal of Rhinology. 1993;7(2):67-70.
6. Perkins JA, Canonico DM, Morris MR, Moore KH. *Neuropeptide levels in the nasal secretions and nasal mucosa of patients with chronic sinusitis and nasal polyposis*. American Journal of Rhinology. 1994;8(3):117-21.
7. Perkins JA, Sie KC, Milczuk H, Richardson MA. *Airway management in children with craniofacial anomalies*. Cleft Palate Craniofacial Journal. 1997 Mar;34(2):135-40.
8. Sie KC, Perkins JA, Clarke WR. *Acute right heart failure due to adenotonsillar hypertrophy*. Int J Pediatr Otorhinolaryngol. 1997 Jul;41(1):53-58.

9. Alsarraf R, Jung C, Perkins JA, Gates G, Crowley C. *Otitis media health status evaluation: a pilot study for the investigation of cost-effective outcomes of recurrent acute otitis media*. Ann Otol Rhinol and Laryngology. 1998 Feb;107(2):120-8.
10. Perkins JA, Inglis AF, Richardson M. *Iatrogenic airway stenosis with recurrent respiratory papillomatosis*. Arc Otolaryngol Head and Neck Surg. 1998 Mar;124 (3):281-7.
11. Kanne TJ, Perkins JA. *Potential pitfalls of initiating a newborn hearing screening program*. Archives of Otolaryngol Head Neck Surg. 1999 Jan;125(1):28-32.
12. Alsarraf R, Jung CJ, Perkins J, Crowley C, Alsarraf NW, Gates GA. *Measuring the indirect and direct costs of acute otitis media*. Arch Otolaryngol Head Neck Surg. 1999 Jan;125(1):12-8.
13. Ruegamer JL, Perkins JA. *Combined rigid and flexible endoscopic removal of a BB foreign body from a peripheral bronchus*. Int J Pediatr Otorhinolaryngol. 1999 Jan 25;47(1):77-80.
14. Ruegamer JL, Perkins JA, Azarow KS, Thomas RW, Nelson RE. *The effect of the Palmaz balloon-expandable metallic stent in the trachea of pigs*. Otolaryngol Head and Neck Surg. 1999 Jul;121(1):92-97.
15. Thomas RW, Perkins JA, Ruegamer JL, Munaretto JA. *Surgical excision of pilomatrixoma of the head and neck: a retrospective review of 26 cases*. Ear Nose Throat J. 1999 Aug;78(8):541, 544-6, 548.
16. Perkins JA, Sie K, Gray S. *Presence of 22q11 deletion in postadenoidectomy velopharyngeal insufficiency*. Arch Otolaryngol Head Neck Surg. 2000 May;126(5):645-8.
17. Coppit III GL, Perkins JA, Manning SC. *Nasopharyngeal teratomas and dermoids: a review of the literature and case series*. Int J Pediatr Otorhinolaryngol. 2000 May 30;52(3):219-27.
18. Coppit III GL, Perkins JA, Munaretto J, Nielsen R, McKinney L, Ulnick K. *The effects of mitomycin-C and stenting on airway wound healing after laryngotracheal reconstruction in a pig model*. Int J Pediatr Otorhinolaryngol. 2000 Jun 30;53(2):125-35.
19. Ulnick K, Perkins JA. *Extraintestinal Crohn's disease: case report and review of the literature*. Journal of Ear, Nose & Throat. 2001 Feb;80(2):97-100.
20. Perkins JA. *Medical and surgical management of otitis media in children*. Otolaryngology Clinics of North America. 2002 Aug;35(4):811-25.
21. Conway K, Gibson R, Perkins JA, Cunningham ML. *Pulmonary agenesis: expansion of the VCFS phenotype*. Am J of Medical Genetics. 2002 Nov 15;113(1):89-92.
22. Lewis CW, Carron JD, Perkins JA, Sie KCY, Feudtner JC. *Tracheotomy in pediatric patients: a national perspective*. Arch Otolaryngol Head Neck Surg. 2003 May;129(5):523-9.
23. Inglis Jr. AF, Manning SC, Perkins JA, Mouzakes J. *Endoscopic posterior cricoid split and rib grafting: experience in 10 children*. Laryngoscope. 2003 Nov;113(11):2004-9.

24. Lee S, Sze R, Finn L, Perkins J, Sie K. *Gorham Stout syndrome (disappearing bone disease): two additional case reports and a review of the literature*. Arch Otolaryngol Head Neck Surg. 2003 Dec;129(12):1340-3.
25. Perkins J, Dahiya R. *Microdissection needle tonsillectomy and postoperative pain: a pilot study*. Arch Otolaryngol Head Neck Surg. 2003 Dec;129(12):1285-8.
26. Perkins J, Mouzakes J, Pereira R, Manning SC. *Bacterial biofilm presence in pediatric tracheotomy tubes*. Arch Otolaryngol Head Neck Surg. 2004 Mar;130(3):339-343.
27. Suver DW, Perkins JA, Manning SC. *Somatostatin treatment of massive lymphorrhea following excision of a lymphatic malformation*. Int J Pediatr Otorhinolaryngol. 2004 Jun;68(6):845-50.
28. Suver DW, Perkins JA, Manning SC. *Klippel-Trenaunay-Weber syndrome with labyrinthine bony overgrowth and hearing loss*. Int J Pediatr Otorhinolaryngol. 2004 Aug; 68(8):1075-9.
29. Bloom DC, Perkins JA, Manning SC. *Management of lymphatic malformations*. Curr Opin Otolaryngol Head Neck Surg. 2004 Dec;12(6):500-4.
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Publications Accepted

1. Padia R, Theeuwens H, Bly R, Zhuang R, Bull Catherine, Sapin A, Ganti S, Manning S, Meyer S, Perkins J. *Good Compliance with Propranolol Therapy in Young Children with Infantile Hemangioma.*

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Abstracts and Posters:

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