

# KAALAN ERIK JOHNSON

**Work:** Seattle Children's Hospital | Research | Foundation  
Division of Otolaryngology – Head and Neck Surgery  
4800 Sand Point Way  
Seattle, WA 98105  
Phone: (206) 987-2402  
Fax: (206) 987-3878  
[kaalan.johnson@seattlechildrens.org](mailto:kaalan.johnson@seattlechildrens.org)

## ACADEMIC APPOINTMENT

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2011-2013: Assistant Professor, Division of Otolaryngology – Head and Neck Surgery, Cincinnati Children's Hospital Medical Center and Department of Otolaryngology – Head and Neck Surgery, University of Cincinnati Cincinnati, OH

2013-Present: Assistant Professor, Division of Otolaryngology – Head and Neck Surgery, Seattle Children's Hospital, and Department of Otolaryngology – Head and Neck Surgery, University of Washington Seattle, WA

## EDUCATION

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2009-2011 Cincinnati Children's Hospital Medical Center, Fellowship in Pediatric Otolaryngology Cincinnati, OH  
*Completed June 30, 2011*

2004-2009 Eastern Virginia Medical School, Residency in Otolaryngology – Head and Neck Surgery Norfolk, VA  
*Graduated June 30, 2009, Board Certified AB-OTO June 2010*

2000 – 2004 Loma Linda University Loma Linda, CA  
*MD May 13, 2004*

1995-2000 Seattle Pacific University Seattle, WA  
*BS in Electrical Engineering, Magna Cum Laude*

1990-1995 Sedro-Woolley High School Sedro-Woolley, WA  
*Valedictorian*

## HONORS AND AWARDS

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- 1<sup>st</sup> Place Resident Research Presentations, Northeastern Ohio Otolaryngology Head & Neck Surgery Society Meeting, Project PI, 2014.
- Unsung Heroes Award Winner, Cincinnati Children's Hospital Medical Center, 2010 (Hospital-wide yearly award, given for unsolicited effort on Epic EMR implementation).
- Eunice Baxter Award for Outstanding Chief Surgical Resident at Sentara Norfolk General Hospital, 2009.
- 1<sup>st</sup> Place, Resident Podium Presentations, Virginia Society of Otolaryngology Annual Meeting, Project Presenter, 2009.
- 1<sup>st</sup> Place, Resident Research Award, Basic Science Category, AAO-HNSF, Project Presenter, 2007.
- Alpha Omega Alpha Honor Society Member (2004 initiate).
- College Recipient of Servant Scholar of the Year Award.
- SPU Scholar Award Winner (largest academic scholarship).
- College Crew Team Scholar Athlete Award winner, qualified for National Crew Regatta.

## PROFESSIONAL ORGANIZATIONS

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- American Medical Association (AMA) 2000-Present.
- American Academy of Otolaryngology – Head and Neck Surgery (AAO-HNS), 2006-Present
- Society for Simulation in Healthcare (SSIH), 2009-Present
- Association for Surgical Education (ASE), 2010-Present

## RESEARCH PRESENTATIONS

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- **Kaalan Johnson**, Pattaramon Chomchumpol, Amy Faherty, Kim DeMarre, Sanjay Parikh, Jennifer Soares, David Horn. Inter-Arytenoid Augmentation for Persistent Pharyngeal Dysphagia: Methods of Predicting Successful Outcomes. Podium presentation for Aerodigestive Conference in Nashville, November 5<sup>th</sup>, 2016.
- Steven Coppess, Jennifer Soares, Matthew Waller, Mahek Shah, **Kaalan Johnson**. Methodology for Continuous Systematic Evaluation of an Aerodigestive Program: Cost Optimization in

the Clinical Setting. Poster presentation for Aerodigestive Conference in Nashville, November 4<sup>th</sup>, 2016.

- Richard Harbison, Craig Miller, Maya Sardesai, Greg Davis, **Kaalan Johnson**. A modular low-cost otolaryngology task trainer. Simulation Showcase presentation for AAO-HNS September 19, 2016.
- Michael Kao, Mason Hinchcliff, Spencer Brewer, Jason Speich, Troy Reihisen, **Kaalan Johnson**. Emergent surgical airway simulation – a low cost biologic model. Simulation Showcase presentation for AAO-HNSF September 19, 2016.
- Michel Nassar, Rachel Kaye, Merona Hollingsworth, Jeremy Torrisi, Craig Miller, Randall Bly, **Kaalan Johnson**. Low cost laryngeal suturing simulator as a training model for otolaryngology residents and fellows. Simulation Showcase presentation for AAO-HNSF September 19, 2016.
- Richard Harbison, **Kaalan Johnson**, Greg Davis. Construct Validation of a Low-Cost, Non-Biologic, Sinus Surgery Task Trainer. Poster presentation to American Rhinologic Society Meeting at AAO-HNSF September 17, 2016.
- Craig Miller, Patricia L Purcell, John P. Dahl, **Kaalan Johnson**, David Horn, Maida L Chen, Dylan K. Chan, Sanjay R Parikh. Does Brodsky tonsil score correlate with lateral pharyngeal wall obstruction seen on pediatric sleep endoscopy? Poster presentation for Triologic Society April, 2016.
- **Kaalan Johnson**, Pattaramon Chomchumpol, Amy Faherty, Kim DeMarre, Sanjay Parikh, Jennifer Soares, David Horn. Inter-Arytenoid Augmentation for Persistent Pharyngeal Dysphagia: Methods of Predicting Successful Outcomes. Poster presentation for ASPO April, 2016.
- Jennifer Soares, Amanda M. Striegl, **Kaalan Johnson**, Leslie Elder, Sanjay Parikh, Thida Ong. Pre-discharge Airway Evaluation in Tracheostomy-Dependent Children: A Quality Improvement Safety Initiative. Poster presentation for American Thoracic Society, 2016.
- Dahl JP, Miller C, Purcell PL, Zopf DA, **Johnson K**, Horn DL, Chen ML, Chan DK, Parikh SR. Airway Obstruction during Drug-Induced Sleep Endoscopy Correlates with Apnea-Hypopnea Index and Oxygen Nadir in Children. Podium presentation at AAO-HNS September, 2015.
- April Landry, Catherine Hart, Meredith Tabangin, Jamie Gentile, Eric Gantwerker, **Kaalan Johnson**, Michael Rutter, Alessandro De Alarcon. Decannulation in children with a tracheotomy:

Evaluation of a standardized protocol. Poster presentation at AAO-HNS September 28, 2015.

- John P. Dahl, Evan J. Propst, Andrew F. Inglis, Jr, Robin T. Cotton, **Kaalan Johnson**. Comprehensive Reference Tools for Modern Airway Evaluations. Poster presentation at AAO-HNS September 28, 2015.
- **Kaalan Johnson**, Daniel Dudley, Andy Inglis, Sanjay Parikh, Kim DeMarre, David Horn. Standardizing Laryngeal Cleft Evaluations: Feasibility of the Inter-Arytenoid Region Assessment Protocol. Poster presentation at ASPO in April 23, 2015.
- JP Giliberto, Nathan Wiebracht, Charles Myer IV, Keith Casper, **Kaalan Johnson**. Pilot Testing of a Novel Surgical Simulator for Endoscopic Zenker's Diverticulotomy. 1<sup>st</sup> Place Award for Podium presentations at Northeastern Ohio Otolaryngology Head & Neck Surgery Society, October 8, 2014.
- JP Giliberto, Nathan Wiebracht, Charles Myer IV, Keith Casper, **Kaalan Johnson**. Pilot Testing of a Novel Surgical Simulator for Endoscopic Zenker's Diverticulotomy. Podium presentation at ABEA in Las Vegas, NV, May 15, 2014.
- Angela Donaldson, Allen Seiden, Gary McPhail, **Kaalan Johnson**. Pulmonary Function Test Decline Stable after First Sinus Surgery in Pediatric Patients with Cystic Fibrosis. Poster presented at ARS in Vancouver, BC, September 28, 2013.
- Jennifer Oehler, Benjamin Kerrey, Jerome Bauer, Gary Geis, **Kaalan Johnson**. Simulation to Design and Implement a Critical Airway Team. Podium and poster presentation at the Emergency Nurses Association Annual Conference, Nashville, TN, September 2013.
- Eric Gantwerker, Peter Toth, Matthew Provenzano, Jareen Meinzen-Derr, Charles M. Myer III, **Kaalan E. Johnson**. A Novel Low Cost Task Trainer for Tonsillectomy Simulation. Poster presentation at AAO-HNS, Washington DC, September, 2012.
- Marci J. Neidich, Angela P. Black, Catherine K. Hart, Lina Lander, Rahul K. Shah, **Kaalan E. Johnson**. Pediatric Epiglottitis: Predictors of Conservative Treatment. Poster presentation at AAO-HNS, Washington DC, September, 2012.
- **Kaalan Johnson**, Gary Geis, Jennifer Oehler, Jeffrey Houlton, Meredith Tabangin, Charles Myer III, Benjamin Kerrey. High Fidelity Simulation to Design a Novel System of Care for

Pediatric Critical Airway Obstruction. Podium presentation for ASPO at COSM, San Diego, CA, April 2012.

- Peter Anderson, Jareen Meinzen-Derr, **Kaalan Johnson**. A Single Institution Otolaryngology Emergencies Boot Camp: Cost-Effective Resident Preparation. Poster presentation for ASPO at COSM, San Diego, CA, April 2012.
- **Kaalan Johnson**, Jeffrey Houlton, Jennifer Oehler, Jerome Bauer, Gary Geis, Benjamin Kerrey. Multi-Disciplinary Development of a High-Fidelity Simulation Scenario for Pediatric Airway Emergencies. Podium Presentation, International Meeting on Simulation in Healthcare, San Diego, CA, January 2012.
- **Kaalan Johnson**, Jennifer Oehler, Jeffrey Houlton, Gary Geis, Brian Pio, Benjamin Kerrey. High Fidelity Simulation to Assess Airway System of Care. Poster presentation of preliminary data at the Academy of Otolaryngology - Head and Neck Surgery Annual Meeting, San Francisco, CA, September 2011.
- **Kaalan Johnson**, Jennifer Oehler, Jeffrey Houlton, Gary Geis, Brian Pio, Benjamin Kerrey. High Fidelity Simulation to Assess Airway System of Care. Podium presentation at “Creating a Culture of Change” Regional Simulation Conference, Cincinnati OH. September 2011.
- **Kaalan Johnson**, Susan Baker Brehm, Barbara Weinrich, Jareen Meinzen-Derr, Alessandro deAlarcon. Comparison of Pediatric Voice Handicap Index with Perceptual Voice Analysis in Pediatric Patients with Vocal Fold Lesions. Travel Grant awardee, Podium Presentation at ASPO 2011, Chicago, IL.
- Jeffrey Houlton, Alessandro deAlarcon, **Kaalan Johnson**, Jareen Meinzen-Derr, Susan Baker-Brehm, Barbara Weinrich, Ravindhra Elluru. Voice Outcomes Following Adult Cricotracheal Resection. ALA Award, Podium Presentation at ALA 2011, Chicago, IL.
- **Kaalan Johnson**, Mike Nguyen, Jareen Meinzen-Derr, John Greinwald Jr. Pediatric High Frequency Sensorineural Hearing Loss. Podium Presentation, ASPO 2010, Las Vegas, CA.
- Joseph Han, **Kaalan Johnson**, Rachel Moebus. Histologic Examination of Chronic Rhinosinusitis Polyps. Podium Presentation, AAO-HNSF 2009, San Diego, CA.
- Joseph Han, **Kaalan Johnson**, Rachel Moebus. Histologic Examination of Chronic Rhinosinusitis Polyps. First Place, Resident Podium Presentations, Virginia Society of Otolaryngology Annual Meeting, 2009.

- **Kaalan Johnson**, Andrew Vaughan, Craig Derkay, Camille Welch, Alice Werner, M. Ann Kuhn, Sylvia Singletary, Peter Bondy. Microdebrider vs. Electrocautery: Randomized, Controlled Comparison of Tonsillar Wound Healing Histopathology in a Canine Model. First Place, Resident Research Basic Science Category, Podium Presentation, AAO-HNSF 2007, Washington, DC.
- **Kaalan Johnson**, Andrew Vaughan, Craig Derkay, Camille Welch, Alice Werner, M. Ann Kuhn, Sylvia Singletary, Peter Bondy. Microdebrider vs. Electrocautery: Randomized, Controlled Comparison of Tonsillar Wound Healing Histopathology in a Canine Model. Podium Presentation Selection for EVMS Research Forum 2007 Norfolk VA.
- **Kaalan Johnson**, David Bloom, Gretchen Meyer, Joseph DeChant. Auditory Dyssynchrony and Corpus Callosal Agenesis: A Clinically Significant Association. Podium Presentation at SENTAC 12/2007. Also 4<sup>th</sup> place in Poster Competition NMCP 2007 (4<sup>th</sup> of 150 posters).
- **Kaalan Johnson**, Melissa Pineda, Craig Derkay. Neonatal Upper Airway Obstruction in Osteogenesis Imperfecta: A Series of 3 Cases and Review of the Literature. Podium Presentation at ABEA at COSM 2007, San Diego, CA.
- **Kaalan Johnson**, Melissa Pineda, Craig Derkay. Neonatal Upper Airway Obstruction in Osteogenesis Imperfecta: A Series of 3 Cases and Review of the Literature. Invited Oral Presentation Osteogenesis Imperfecta 4th Annual International Conference 4/2007, Baltimore, MD.

## **PUBLICATIONS**

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- Jennifer Soares, Amanda M. Striegl, **Kaalan Johnson**, Leslie Elder, Sanjay Parikh, Thida Ong. Pre-discharge Airway Evaluation in Tracheostomy-Dependent Children: A Quality Improvement Safety Initiative. Manuscript in preparation.
- April Landry, Catherine Hart, Meredith Tabangin, Jamie Gentile, Eric Gantwerker, **Kaalan Johnson**, Michael Rutter, Alessandro De Alarcon. Decannulation in children with a tracheotomy: Manuscript in preparation.
- **Kaalan Johnson**, Pattaramon Chomchumpol, Amy Faherty, Kim DeMarre, Sanjay Parikh, Jennifer Soares, David Horn. Inter-Arytenoid Augmentation for Persistent Pharyngeal Dysphagia:

Methods of Predicting Successful Outcomes. Manuscript in Preparation.

- John P. Dahl, Evan J. Propst, Andrew F. Inglis, Jr, Robin T. Cotton, **Kaalan Johnson**. Comprehensive Reference Tools for Modern Airway Evaluations. Manuscript in preparation.
- **Kaalan Johnson**, Elizabeth Hahn, Daniel Dudley, Andy Inglis, Sanjay Parikh, Kim DeMarre, David Horn. Standardizing Laryngeal Cleft Evaluations: Feasibility and Reliability of the Inter-Arytenoid Region Assessment Protocol. Manuscript in preparation.
- Michael J. Rutter, Catherine K. Hart, Alessandro de Alarcon, Sam Daniel, Sanjay R. Parikh, Karthik Balakrishnan, Derek Lam, MD, **Kaalan Johnson**, Douglas R. Sidell. Endoscopic Anterior-Posterior Cricoid Split For Infant Bilateral Vocal Fold Paralysis. Submitted to Laryngoscope September 2016.
- Craig Miller, Patricia L Purcell, John P. Dahl, **Kaalan Johnson**, David Horn, Maida L Chen, Dylan K. Chan, Sanjay R Parikh. Does Brodsky tonsil score correlate with lateral pharyngeal wall obstruction seen on pediatric sleep endoscopy? In press to Laryngoscope.
- Richard Harbison, **Kaalan Johnson**, Craig Miller, Maya Sardesai, Greg Davis. Face, Content, and Construct Validation of a Low-Cost, Non-Biologic, Sinus Surgery Task Trainer. Accepted to International Forum of Allergy & Rhinology, September, 2016.
- JP Giliberto, Nathan Wiebracht, Charles Myer IV, Keith Casper, **Kaalan Johnson**. Pilot Testing of a Novel Surgical Simulator for Endoscopic Zenker's Diverticulotomy. In press to Laryngoscope, accepted May 2016.
- Dahl JP, Miller C, Purcell PL, Zopf DA, **Johnson K**, Horn DL, Chen ML, Chan DK, Parikh SR. Airway Obstruction during Drug-Induced Sleep Endoscopy Correlates with Apnea-Hypopnea Index and Oxygen Nadir in Children. Otolaryngol Head Neck Surg. 2016 Jun 14. pii: 0194599816653113.
- Taylor Sawyer, Thomas Strandjord, **Kaalan Johnson**, Dan Low. Neonatal Airway Simulators, How Good Are They? A Comparative Study of Physical and Functional Fidelity. J Perinatol. 2016; 36(2):151-6.
- **Kaalan Johnson**, Meredith Tabangin; Jareen Meinzen-Derr, Aliza P. Cohen, John Greinwald Jr. High Frequency Sensorineural Hearing Loss in Children. Laryngoscope. 2016; 126(5):1236-40.
- **Kaalan Johnson**, Gary Geis, Jennifer Oehler, Jerome Bauer, Charles Myer III, Benjamin Kerrey. Simulation to implement a

novel system of care for pediatric critical airway obstruction. Arch Otolaryngol Head Neck Surg. 2012; 138(10):907-11.

- Stacey L. Ishman, MD, MPH, James R. Benke, BS, **Kaalan Johnson, MD**, Karen B Zur, MD, Ian Jacobs, MD, Marc C. Thorne, MD, MPH, David J Brown, MD, Sandra Y Lin, MD, Nasir Bhatti, MD, MPH, Ellen Deutsch, MD. Blinded Evaluation of Inter-rater Reliability of an Operative Competency Assessment Tool for Direct Laryngoscopy and Rigid Bronchoscopy. Arch Otolaryngol Head Neck Surg. 2012, 17:1-7. [Epub].
- **Kaalan Johnson**, Susan Baker Brehm, Barbara Weinrich, Jareen Meizen-Derr, Alessandro deAlarcon. Comparison of Pediatric Voice Handicap Index with Perceptual Voice Analysis in Pediatric Patients with Vocal Fold Lesions. Arch Otolaryngol Head Neck Surg. 2011; 137(12):1258-62.
- Jeffrey Houlton, Alessandro deAlarcon, **Kaalan Johnson**, Jareen Meizen-Derr, Susan Baker-Brehm, Barbara Weinrich, Ravindhra Elluru. Voice Outcomes Following Adult Cricotracheal Resection. Laryngoscope. 2011; 121(9):1910-4.
- Brandon Hopkins, **Kaalan Johnson**, Jeff Ksiazek, Gordon Sun, John Greinwald, Mike Rutter. H1N1 influenza A presenting as bacterial tracheitis. Otolaryngol Head Neck Surg. 2010; 142(4):612-4.
- **Kaalan Johnson**, Craig Derkay. Palliative aspects of recurrent respiratory papillomatosis. Otolaryngol Clin North Am. 2009; 42(1):57-70, viii.
- **Kaalan Johnson**, Andrew Vaughan, Craig Derkay, Camille Welch, Alice Werner, M. Ann Kuhn, Sylvia Singletary, Peter Bondy. Microdebrider vs. Electrocautery: Randomized, Controlled Comparison of Tonsillar Wound Healing Histopathology in a Canine Model. Otolaryngol Head Neck Surg. 2008; 138(4):486-91.
- **Kaalan Johnson**, Melissa Pineda, Craig Derkay. Neonatal Upper Airway Obstruction in Osteogenesis Imperfecta: A Series of 3 Cases and Review of the Literature. Ann Otol Rhinol Laryngol. 2008; 117(1):27-31.
- Florea A, Zwart JE, Lee CW, Depew A, Park SK, Inman J, Wareham R, **Johnson K**, John E, Wall GM, Jung T. Effect of topical dexamethasone versus rimexolone on middle ear inflammation in experimental otitis media with effusion. Acta Otolaryngol. 2006; 126(9):910-5.



## **BOOK CHAPTERS**

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- David Darrow, **Kaalan Johnson**. Book Chapter: Management of Sleep-Related Breathing Disorders in Children. Sleep Apnea and Snoring: Surgical and Non-surgical Therapy. Michael Friedman, MD. Published 2008.
- **Kaalan Johnson**, Craig Derkay. Recurrent Respiratory Papillomatosis. Chapter for European Pediatrics Vol. 2. Published 2008.

## **RESEARCH SUPPORT**

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- NIH Loan Repayment Program: **Validation of High-Fidelity Pediatric Airway Endoscopy Simulation**  
  
Amount: \$54,879.80 over 2 year grant 2011-2013  
  
Role: Principal Investigator
- Institutional Support Funding: **The Simulation Initiative**  
  
Cincinnati Children's Hospital Medical Center  
  
Amount: 50% Salary Support for first 2 years 2011-2013  
  
Role: Principal Investigator
- Unrestricted Educational Grant: **Tonsillectomy Technique Comparison in Beagle Model**  
  
Xomed Medtronic Incorporated  
  
Amount: \$105,000 for project 2006-2007  
  
Principal Investigator: Craig Derkay, M.D.  
  
Role: Primary Resident Co-Investigator

## **LEADERSHIP/COMMITTEES**

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- Member of AAO-HNS Simulation Education Committee, 2016-Present.
- Member of Seattle Children's Professional Education and Billing Committee, 2016-Present.

- Program owner of CPI Event for Aerodigestive Program at Seattle Children's Hospital, December, 2014
- Surgical Director of the Aerodigestive Program at Seattle Children's Hospital (August 2013 – Present)
- Member of the Seattle Children's Hospital Difficult Airway Committee (2013 – Present)
- Member of CPI (Continuous Performance Improvement) Event on Tracheostomy Safety, January 2014
- Program owner of CPI Alignment Event for Aerodigestive Program at Seattle Children's Hospital, December 2013
- Epic Super-user and Departmental Epic Educational Coordinator

*Departmental Training Coordinator (2010)*

*Community Physician Training Coordinator (2010)*

- Member of Surgical Services, Pharmacology, and Peer Review, Ambulatory Care, and Critical Care Committees during Residency.
- Loma Linda University CMDA Student Chapter

*Vice-President (2000-2001)*

*President (2001-2002)*

- Seattle Pacific University Centurions Service Organization

*President (1999-2000)*

- Seattle Pacific University Residence Life

*Residence Hall President (1996-1997)*

*Peer Advisor on Residence Hall Floor (1997-1999)*

*Hall Council Advisor (1998-1999)*

## **LECTURES/MINI-SEMINARS/COURSES**

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- Invited Lecturer: Pediatric Sleep Apnea. Current Management Techniques in Otolaryngology, Virginia Mason, November 12, 2016.
- Panelist: Sleep Apnea. Current Management Techniques in Otolaryngology, Virginia Mason, November 12, 2016.

- Panelist: Time Driven Activity Based Costing in an Aerodigestive Model. Aerodigestive Conference in Nashville, November 3<sup>rd</sup>, 2016.
- Panelist: The Speech Pathologist and the Diagnosis and Management of Laryngeal Clefts. Aerodigestive Conference in Nashville, November 3<sup>rd</sup>, 2016.
- Invited Faculty. Basics of Bronchoscopy. Toronto International Pediatric Endoscopic Course, 10/20/2016.
- Invited Faculty. Human Cricotracheal Resection. Toronto International Pediatric Open Airway Surgery Course, 10/21/2016.
- Invited Lecture: Surgical Simulation in Otolaryngology: From Smoke and Mirrors to Safer Practices, 4th Annual Resident/Fellow Education Conference for the American Society of Pediatric Otolaryngology at AAO-HNS, September 17, 2016.
- Invited Graduation Day Lecture: Humanitarian Mission to Honduras, 6/17/2016.
- Panel Moderator: Pediatric Neck Mass Evaluation: Case Presentations, Pediatric Otolaryngology Primary Care Update, May 14<sup>th</sup>, 2016.
- Course Director: Northwest Airway Course, May 7<sup>th</sup>, 2016.
- Invited Lecture: Management of Laryngomalacia, Otolaryngology Nurse Practitioners Educational Lecture Series, 2/25/2016.
- Invited Lecture: Otolaryngologic Airway and Dysphagia Management, Otolaryngology Interest Group, 2/11/2016.
- Invited Lecture: Management of Otolaryngology Patients Post-Operatively, Pulmonary and Critical Care Medicine Division, 2/3/2016.
- Panelist: Controversies in Pediatric Sinusitis, Northwest Academy of Otolaryngology Meeting, 1/30/2016.
- Moderator and Speaker: Type 1 Laryngeal Cleft Management, Third Annual Contemporary Management of Aerodigestive Disease in Children, Denver, CO, 11/7/2015.
- Otolaryngology Resident Lecture: Aerodigestive Airway Endoscopy, October 14, 2015.
- Pediatric Grand Rounds Presentation: The Aerodigestive Program: A New Resource, 7/30/2015.

- Invited Graduation Day Lecture: Humanitarian Mission to Honduras, 6/26/2015.
- PEDScore Lecture to Pediatric Surgery Department: Airway Management, 5/28/2015.
- Pediatric Feeding Association Invited Lecture: Aerodigestive Dysphagia, 5/19/2015.
- NICU Difficult Airway Course, Invited Faculty, 5/19/2015.
- NICU Grand Rounds: Airway Management, 5/19/2015.
- Surgical Unit Nursing Grand Rounds: Tracheostomy Emergency Management. 10/12/2015.
- Invited Lecturer: Laryngomalacia: Current Management and Pathophysiology, Aerodigestive Educational Conference, 3/17/2015.
- Invited Faculty. Airway Simulation: Practicing Equipment Assembly and Technique. Toronto International Pediatric Endoscopic Course, 10/16/2014.
- Invited Faculty. Cricotracheal Resection in a Porcine Model. Toronto International Pediatric Open Airway Surgery Course, 10/17/2014.
- Invited Presenter. Airway Pathology: Case-Based Challenges You May Have to Transport. Airlift Northwest Grand Rounds, 10/8/2014.
- Panelist. Can Simulation and Human Factors Improve Systems and Safety? AAO-HNS Miniseminar Presentation, 9/24/2014.
- Surgery Grand Rounds - Visiting Professor. Pediatric Critical Airway Obstruction: Complex Systems of Care for Challenging Environments. Lurie Children's Hospital, Chicago IL, 9/15/2014.
- Invited presenter. Pediatric Airway Abnormalities and Indications for Tracheotomy: The Trach Safe Program. Regional Nursing Grand Rounds, 9/4/2014.
- Invited Presenter. Bacterial Tracheitis and Croup. Institutional Patient Safety Conference, 9/3/2014.
- Course Co-Director, UW Otolaryngology Emergencies Boot Camp for Residents & Fellows, 7/2/2014, 7/15/2015, and 7/13/2016.
- Course Co-Director, Trach Safe Emergencies Course for regional nursing care facility and home care agency administrators and

nurses, 6/3/2014, 10/29/2014, 7/30/2015, 12/3/2015, 4/28/2016, and 10/6/2016.

- Invited Lecturer. Aerodigestive Evaluation and Treatment. Craniofacial Educational Retreat at Seattle Children's Hospital, January 13<sup>th</sup>, 2014.
- Invited Lecturer. Respiratory Airway Pathology. Infant Transport Team Conference, December 5<sup>th</sup>, 2013.
- Otolaryngology Resident Lecture: Aerodigestive Program and Simulation, October 28, 2013.
- Panelist. Efficacy of Surgical Simulators for Otolaryngology Training. Presented at AAO-HNS in Vancouver, BC, October 2, 2013.
- Moderator. Challenging Airway Cases – Real and Simulated. Conversations in Pediatric Otolaryngology at Seattle Children's Hospital September 27, 2013.
- Panelist. Critical Airway Response Teams. Presented at Annual Meeting of the American Society of Pediatric Otolaryngology, Alexandria, VA, 4/28/2013.
- Panelist. Tonsillectomy Task Trainer: ORL Simulation FORUM: A Potpourri from the Cutting Edge, Moderator Kelly Malloy. AAO-HNS 9/2012.
- Course Director, Second Annual Cincinnati ENT Emergencies Simulation Boot Camp, 7/9/2012.
- Otolaryngology Resident Lecture: Emergency Airway Management, 7/11/2012.
- Course Director, Midwest Airway Course, 5/18-19/2012.
- Emergency Medicine Fellow Lecture: Pediatric Airway Management, 1/27/2012.
- Invited Faculty, CHOP Endoscopy Course, 2/4/12.
- Invited Faculty, Carolinas Airway Course, 10/13-14/11.
- Course Director, Inaugural Cincinnati ENT Emergencies Simulation Boot Camp for Junior Residents, 7/9/2011.
- Otolaryngology Resident Lecture: Emergency Airway Management, 7/6/2011.
- Fellow Faculty, CHOP Endoscopy Course, 2/4-5/11.
- Department Case Presentation: Adolescent with Esophageal Web, 6/30/2010.

- Department Case Presentation: Pediatric Neck Mass: Ganglioneuroma, 2/24/2010.
- Invited presentation at State of the Department Address: Medical Simulation in Otolaryngology: The Department Simulation Initiative, 2/22/2010.
- Fellow Faculty, CHOP Endoscopy Course, 2/5-6/10.
- Department Case Presentation: H1N1 Influenza Presenting as Bacterial Tracheitis, 10/28/2009.
- Department Grand Rounds: Laryngomalacia and Supraglottoplasty, 4/21/2009.
- Resident Lecture: Labrynthine Anatomy, 3/3/2009.
- Resident Lecture: Tympanoplasty Techniques, 2/3/2009.
- Co-directed Weekly Resident In-Service Review Series for 3 months before the exam including 13 topics prepared and presented to residents, 12/2008-2/2009.
- Otolaryngology Resident Lecture: Endocrine Jeopardy, 8/26/2008.
- Otolaryngology Resident Lecture: Head and Neck & Peds, 7/29/2008.
- Otolaryngology Resident Lecture: The Airway, 7/1/2008.
- Otolaryngology Grand Rounds: Midface Fractures, 4/15/2008.
- Interesting Case Presentation at Grand Rounds: Idiopathic Pediatric Fronto-Ethmoid Mucocele, 12/18/2007.
- Interesting Case Presentation at Grand Rounds: Parathyroid Carcinoma, 8/9/2007.
- Otolaryngology Resident Lecture: The Airway, 7/22/2007.
- Navy Preoperative Conference presentation: Vascular Slings, 6/6/2006.
- Navy Preoperative Conference presentation: Obstructive Sleep Apnea Surgery, 5/11/2006.
- Grand Rounds: Venous Thrombo-Embolism Prophylaxis in Head and Neck Surgery, 4/2007.
- Navy Preoperative Conference presentation: Exploratory Tympanotomy , 12/7/2006.
- Interesting Case Presentation at Grand Rounds: Dysphagia due to Esophageal Foreign Body, 11/2006.
- Grand Rounds: Auricular Reconstruction 4/25/2006.

- Interesting Case Presentation at Grand Rounds: Upper Airway Obstruction and Facial Lesions, 4/4/2006.
- Interesting Case Presentation at Grand Rounds: Suprastomal Granuloma, 11/22/2005.
- Invited presentation to incoming Surgical Interns: Surgical Internship 101, 6/28/2005.
- Intern Lecture Series: Transfusion Medicine, Fall/2004.
- American Medical Student Association's Invited Presenter: The Inside Track: Academic Advice for Sophomore Year Success, Summer/2002.

## **SUPPLEMENTAL INFORMATION**

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- Member of ad-hoc committee responsible for establishing the need for and coordinating implementation of a just-in-time airway training simulation space at Seattle Children's Hospital.
- Coordinator of Poll Everywhere Audience Response System at ASPO meeting in Las Vegas, May 16-18, 2014.
- Co-Coordinator of ad-hoc committee coordinating changes to hospital-wide critical airway response protocols at Cincinnati Children's Hospital.
- As administrative chief in residency, coordinated transition of hospital ENT supply room to more functional OR space and oversaw inventory and stocking protocols, worked with nursing care coordinators to re-vamp tracheotomy protocols hospital-wide, supervised move to new departmental office space including contributing to residents space design and layout, educational material organization, furniture purchase and layout, and computer purchase and assignment. Instituted quarterly "chief dinners" for resident organization and feedback.
- Structured and implemented departmental transition to new scheduling and patient list protocol on web-based media, and oversaw resident components of departmental transition to hospital-wide EMR system.
- Conversational Spanish speaker
- Participant in Multiple Mission Trips to Latin America

*Participant in multiple medical mission trips to orphanage in Baja California, Mexico with family and church.*

*Organized and lead college mission trip for 9 students twice to orphanage in Baja California, Mexico.*

*Medical school mission trips to Juliaca, Peru and Balfate, Honduras.*

*Organized and helped lead OTO-HNS Medical Mission Trips to Hospital Loma de Luz in Balfate, Honduras from EVMS since 2008 and from UW since 2015.*

- Tennis, Basketball, Soccer, Snowboarding, Hiking
- Guitar, Piano, Singing
- Wakeboarding

*Washington State Amateur Tour Champion (1995).*

*Semi-Professional Sponsored by Jobe Watersports (1995-1997)*

E-MAIL: [KAALANJOHNSON@GMAIL.COM](mailto:KAALANJOHNSON@GMAIL.COM)  
18325 47<sup>TH</sup> PL NE, LAKE FOREST PARK, WA 98155 • PHONE: (206) 258-1387