

# Otolaryngology

## Division Details

### RESEARCH AND TRAINING DETAILS

Faculty	11
Joint Appointment Faculty	3
Research Fellows and Post Docs	1
Research Graduate Students	5
Total Annual Grant Award Dollars	\$93,664

### CLINICAL ACTIVITIES AND TRAINING

Clinical Fellows	6
Inpatient Encounters	911
Outpatient Encounters	50,297



Row 1: C Myer IV, C Hart, S Ishman, R Cotton, S Shott, C Myer III

Row 2: M Rutter, D Choo, A de Alarcon, J Greinwald, J Willging

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## Division Highlights

### Forty-one Years of Cincinnati Children's Pediatric Otolaryngology Fellowship Training

In May 2017, the Cincinnati Children's held a fellowship reunion during the annual American Society of Pediatric Otolaryngology (ASPO) meeting in Austin, Texas. This gathering brought together Cincinnati trained fellows from both around the country, and a few from international venues as well. The reunion consisted of a full-day academic program where select fellows, on the cutting edge of the field, presented the latest in Pediatric Otolaryngology care, research and quality improvement. After the event, old friends and colleagues held a reunion dinner to share the common thread of being Cincinnati Children's trained, to catch up, and to reminisce.

## Division Publications

1. Fowler KB; McCollister FP; Sabo DL; Shoup AG; Owen KE; Woodruff JL; Cox E; Mohamed LS; Choo DI; Boppana SB. **A Targeted Approach for Congenital Cytomegalovirus Screening Within Newborn Hearing Screening.** *Pediatrics.* 2017; 139:e20162128.
2. Smith DF; Hossain MM; Hura A; Huang G; McConnell K; Ishman SL; Amin RS. **Inflammatory Milieu and Cardiovascular Homeostasis in Children With Obstructive Sleep Apnea.** *Sleep.* 2017; 40.
3. Ehsan Z; Ishman SL; Kimball TR; Zhang N; Zou Y; Amin RS. **Longitudinal Cardiovascular Outcomes of Sleep Disordered Breathing in Children: A Meta-Analysis and Systematic Review.** *Sleep.* 2017; 40.

4. Patino M; Kalin M; Griffin A; Minhajuddin A; Ding L; Williams T; Ishman S; Mahmoud M; Kurth CD; Szmuk P. **Comparison of Postoperative Respiratory Monitoring by Acoustic and Transthoracic Impedance Technologies in Pediatric Patients at Risk of Respiratory Depression.** *Anesthesia and Analgesia*. 2017; 124:1937- 1942.
5. Ishman S; Heubi C; Jenkins T; Michalsky M; Simakajornboon N; Inge T. **OSA Screening with the Pediatric Sleep Questionnaire for Adolescents Undergoing Bariatric Surgery in Teen-LABS.** *Obesity*. 2016; 24:2392-2398.
6. Kukwa W; Migacz E; Ishman S; Wichniak A. **Increased severity of sleep-disordered breathing is associated with insomnia and excessive somnolence in primary school children.** *Sleep Medicine*. 2016; 23:1-5.
7. Sidell DR; Wood RE; Hart CK. **Conservative Management of Pediatric Tracheal Rupture.** *Pediatric Pulmonology*. 2017; 52:E1-E3.
8. Mahmoud M; Ishman SL; McConnell K; Fleck R; Shott S; Mylavarapu G; Gutmark E; Zou Y; Szczesniak R; Amin RS. **Upper Airway Reflexes are Preserved During Dexmedetomidine Sedation in Children With Down Syndrome and Obstructive Sleep Apnea.** *The Journal of Clinical Sleep Medicine*. 2017; 13:721-727.
9. Fleck RJ; Ishman SL; Shott SR; Gutmark EJ; McConnell KB; Mahmoud M; Mylavarapu G; Subramaniam DR; Szczesniak R; Amin RS. **Dynamic Volume Computed Tomography Imaging of the Upper Airway in Obstructive Sleep Apnea.** *The Journal of Clinical Sleep Medicine*. 2017; 13:189-196.
10. Smith DF; Dalesio NM; Benke JR; Petrone JA; Vigilar V; Cohen AP; Ishman SL. **Anthropometric and Dental Measurements in Children with Obstructive Sleep Apnea.** *The Journal of Clinical Sleep Medicine*. 2016; 12:1279-1284.
11. Ishman S. **Screening and Follow-up of Children Who Snore When Polysomnography Is Not Available Reply.** *JAMA Otolaryngology-Head and Neck Surgery*. 2016; 142:711-712.
12. DeMarcantonio MA; Hart CK; Yang CJ; Tabangin M; Rutter MJ; Bryant R; Manning PB; de Alarcón A. **Slide Tracheoplasty Outcomes in Children With Congenital Pulmonary Malformations.** *The Laryngoscope*. 2017; 127:1283-1287.
13. Smith DF; Sa T; Fenchel M; Cohen AP; Heubi C; Shott SR; Gourin CG; Ishman SL. **Temporal trends in inpatient pediatric sleep apnea surgery: 1993-2010.** *The Laryngoscope*. 2017; 127:1235-1241.
14. Prosser JD; Shott SR; Rodriguez O; Simakajornboon N; Meinzen-Derr J; Ishman SL. **Polysomnographic Outcomes Following Lingual Tonsillectomy for Persistent Obstructive Sleep Apnea in Down Syndrome.** *The Laryngoscope*. 2017; 127:520-524.
15. Friedman NR; Parikh SR; Ishman SL; Ruiz AG; El-Hakim H; Ulualp SO; Wooten CT; Koltai PJ; Chan DK. **The Current State of Pediatric Drug-Induced Sleep Endoscopy.** *The Laryngoscope*. 2017; 127:266-272.
16. Howell RJ; Pate MB; Ishman SL; Isseroff TF; Rubin AD; Soliman AM; Postma GN; Pitman MJ. **Prospective multi-institutional transnasal esophagoscopy: Predictors of a change in management.** *The Laryngoscope*. 2016; 126:2667-2671.
17. Yang CJ; Lavender V; Meinzen-Derr JK; Cohen AP; Youssif M; Castiglione M; Manickam V; Bachmann KR; Greinwald JH. **Vestibular Pathology in Children With Enlarged Vestibular Aqueduct.** *The Laryngoscope*. 2016; 126:2344- 2350.
18. Gold JM; Hall M; Shah SS; Thomson J; Subramony A; Mahant S; Mittal V; Wilson KM; Morse R; Mussman GM. **Long length of hospital stay in children with medical complexity.** *Journal of hospital medicine (Online)*. 2016; 11:750- 756.
19. Kandil A; Subramanyam R; Hossain MM; Ishman S; Shott S; Tewari A; Mahmoud M. **Comparison of the combination of dexmedetomidine and ketamine to propofol or propofol/sevoflurane for drug-induced sleep endoscopy in children.** *Pediatric Anesthesia*. 2016; 26:742-751.
20. Tawfik KO; Ishman SL; Altaye M; Meinzen-Derr J; Choo DI. **Pediatric Acute Otitis Media in the Era of Pneumococcal Vaccination.** *Otolaryngology - Head and Neck Surgery*. 2017; 156:938-945.
21. Brietzke SE; Ishman SL; Cohen S; Cyr DD; Shin JJ; Kezirian EJ. **National Database Analysis of Single-Level versus Multilevel Sleep Surgery.** *Otolaryngology - Head and Neck Surgery*. 2017; 156:955-961.

22. Ishii LE; Tollefson TT; Basura GJ; Rosenfeld RM; Abramson PJ; Chalet SR; Davis KS; Doghramji K; Fariior EH; Finestone SA. **Clinical Practice Guideline: Improving Nasal Form and Function after Rhinoplasty.** *Otolaryngology - Head and Neck Surgery.* 2017; 156:S1-S30.
23. Ishii LE; Tollefson TT; Basura GJ; Rosenfeld RM; Abramson PJ; Chalet SR; Davis KS; Doghramji K; Fariior EH; Finestone SA. **Clinical Practice Guideline: Improving Nasal Form and Function after Rhinoplasty Executive Summary.** *Otolaryngology - Head and Neck Surgery.* 2017; 156:205-219.
24. Roditi RE; Ishman S; Lee S; Lin S; Shin JJ. **Medications for Allergic Rhinitis: An Opportunity for Quality Improvement?.** *Otolaryngology - Head and Neck Surgery.* 2017; 156:70-80.
25. Tang AL; Cohen AP; Benke JR; Stierer KD; Stanley J; Ishman SL. **Obstructive Sleep Apnea Resolution in Hypopnea- versus Apnea-Predominant Children after Adenotonsillectomy.** *Otolaryngology - Head and Neck Surgery.* 2016; 155:670-675.

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## Grants, Contracts, and Industry Agreements

### Annual Grant Award Dollars

Investigator	Title	Sponsor	ID	Dates	Amount
Alessandro de Alarcon, MD	Development of Imaging Biomarkers for Voice After Pediatric Airway Reconstruction	The Triological Society	2016 Triologic Caree	07/01/2016 - 06/30/2018	\$20,000
Alessandro de Alarcon, MD	Monitoring Juvenile Onset Recurrent Respiratory Papillomatosis (JORRP)	Ctr for Disease Control and Prevention (Eastern Virginia Medical School)	200-2016-91451	09/30/2016 - 09/29/2017	\$12,024
Stacey Ishman, MD-MPH	Inspire Pediatric Hypoglossal Study	Massachusetts Ear & Eye Infirmary	MEEI_Ishman	01/17/2017 - 01/16/2022	\$61,640
<b>Total Annual Grant Award Dollars</b>					<b>\$93,664</b>

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