

# **Title: 2024 Pediatric Otolaryngology Research Symposium**

**Speakers:** *Tendy Chiang, MD, Amy Derr, RN, Haley Ellett, APRN, Holly Gerth, AuD, Praveen Goday, MD, Steven Goudy, MD, Jennifer Haney, SLP, Meredith Lind, MD, Prashant Malhotra, MD, Brianna Manley, RN, Amy Manning, MD, Matthew McFarland, RptH, PhD, Aaron Moberly, MD, Eric Mull, MD, Nicole Nunn, RN, Charles Elmaraghy, MD, Jason Riggs, AuD, Raul Sanchez, MD, Emily Seitz, RN, Melanie Stevens, SLP, Lauren Yoshihiro, SLP, Caitlin Cummings, SLP*

**Date: April 17, 2024**

**Time: 8:00 am to 4:00 pm**

**Place: Nationwide Children's Hospital, Columbus, Ohio**

**Description:** The Nationwide Children's Hospital Pediatric Otolaryngology Research Symposium is a conference that is directed to presenting clinical updates and research for the otolaryngologic care of children. This meeting will include expert panels, multidisciplinary discussions, and strategies to improve quality of care of children.

## **Learning Objectives:**

1. The participant will be able to discuss the current state of gene therapy.
2. The participant will explain considerations for gene therapy clinical trials.
3. The participant will be able to state the diagnostic processes for congenital CMV in the NICU setting.
4. The participant will be able to summarize potential management options for congenital CMV patients who are symptomatic for hearing loss.
5. The participant will be able to describe the appropriate evaluation and management of speech and language disorders in children from multilingual backgrounds who are deaf/heard of hearing.
6. The participant will be able to describe key features that suggest language difference vs disorder in children from multilingual backgrounds who are deaf/heard of hearing.
7. The participant will be able to discuss the basic understanding of machine learning approaches that can help with medical image analysis.
8. The participant will be able to discuss the value of clinical decision support tools in improving diagnosis of ear disease.
9. The participant will be able to describe the GI and ENT workup with common upper airway problems.
10. The participant will be able to discuss the role of the gastroenterologist and ENT surgeon in children with pediatric feeding disorder.
11. The participant will be able to list basic airway anatomy.
12. The participant will be able to list the benefits of a multidisciplinary approach to complex aerodigestive disorders.
13. The participant will be able to discuss the patients who will most benefit from evaluation and management in the Pediatric Aerodigestive Disorders Clinic.
14. The participant will be able to review and state the role of clinic nursing staff and strategies to enhance competencies for patient care.
15. The participant will be able to discuss strategies for managing clinic flow in a high-volume surgical clinic.
16. The participant will be able to discuss patient care in subspecialty areas beyond the clinic visit.

17. The participant will be able to apply information from topics and discussions presented throughout the symposium to encourage retention of information while working with other disciplines and team building during an interactive game.
18. The participant will be able to discuss the current regenerative limitations to head and neck reconstruction.
19. The participant will be able to state potential regenerative solutions to soft tissue and bone regeneration.
20. The participant will be able to state current innovations developed within the Pediatric Otolaryngology Department at Nationwide Children's Hospital.
21. The participant will be able to discuss different innovation pathways that have been successful, to inform how the learner may develop their own ideas at Nationwide Children's Hospital.

Time Ordered Agenda:

These sessions will be conducted in person and live streamed one time for virtual participants.

Start Time	End Time	Duration	Topic
8:00 am	8:30 am	30 minutes	<b>Conference breakfast and check in *</b>
8:30 am	8:45 am	15 minutes	<b>Introduction *</b> <i>Charles Elmaraghy, MD</i>
8:45 am	9:05 am	20 minutes	<b>Gene Therapy with Sensorineural Hearing Loss</b> <i>Jason Riggs, AuD **</i>
9:05 am	9:25 am	20 minutes	<b>Audiology and CMV: targeted screening in a NICU setting</b> <i>Holly Gerth, AuD **</i>
9:25 am	9:45 am	20 minutes	<b>Speech Pathology – Bilingual speech and language evaluations for children who are deaf / Hard of Hearing</b> <i>Lauren Yoshihiro, SLP, Caitlin Cummings, SLP **</i>
9:45 am	10:05 am	20 minutes	<b>Optimizing Otoscopy to Improve Diagnosis of Ear Disease</b> <i>Aaron Moberly, MD**</i>
10:05 am	10:20 am	20 minutes	<b>Break*</b>
10:20 am	10:40 am	20 minutes	<b>The Intersection of Pediatric Gastroenterology and ENT in Children with Feeding Issues ***</b> <i>Praveen Goday, MD</i>
10:40 am	11:20 am	40 minutes	<b>Aerodigestive Clinic Panel with case discussion ***</b> <i>Moderator: Meredith Lind, MD</i> <i>Panelists: Amy Manning, MD, Eric Mull, MD, Raul Sanchez, MD, Melanie Stevens, SLP, Hayley Ellett, APRN, Dia Gardner, RN</i>
11:20 am	12:00 pm	40 minutes	<b>Keynote - Approaches to head and neck bone and soft tissue regeneration *</b> <i>Steven Goudy, MD</i>
12:00 pm	1:00 pm	60 minutes	<b>Lunch *</b>
1:00 pm	1:40 pm	40 minutes	<b>Nursing Panel on ENT specialty clinics (FEES, Trach, Aerodigestive &amp; Hearing clinics) **</b> <i>Moderator: Brianna Manley, RN,</i> <i>Panelists: Amy Derr, RN, Nicole Nunn, RN, Emily Seitz, RN</i>
1:40 pm	2:25 pm	45 minutes	<b>Tracheal Pursuit – an Interactive Review of presented material **</b>

			<i>Brianna Manley, RN and Haley Ellett, APRN</i>
2:25 pm	2:40 pm	15 minutes	<b>Break</b>
2:40 pm	3:20 pm	40 minutes	<b>Innovation &amp; Commercialization in Pediatric Otolaryngology Panel **</b> <i>Moderator: Tandy Chiang, MD</i> <i>Panelists: Charles Elmaraghy, MD, Prashant Malhotra, MD, Steven Goudy, MD, Matthew McFarland, RPh, PhD</i>
3:20 pm	4:20 pm	60 minutes	<b>Student Quick Shots *</b>

\*ASHA CEUs are **not** available for these sessions

\*\*ASHA CEUs available for speech and Audiology

\*\*\*ASHA CEU's for speech

Tandy Chiang, MD, is an employee of Nationwide Children's Hospital.

Disclosures:

- Financial: None
- Nonfinancial: None

Caitlin Cummings, SLP, is an employee of Nationwide Children's Hospital.

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- Financial: None
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Amy Derr, RN is an employee of Nationwide Children's Hospital.

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Haley Ellett, APRN, is an employee of Nationwide Children's Hospital.

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- Nonfinancial: None

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Praveen Goday, MD, is an employee of Nationwide Children's Hospital.

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- Nonfinancial: None

Steven Goudy, MD, is the Division Chief of Otolaryngology at Children's Healthcare of Atlanta, as well as Professor at Emory University School of Medicine.

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Jennifer Haney, SLP, BCS-S, is an employee of Nationwide Children's Hospital.

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Meredith Lind, MD, is an employee of Nationwide Children's Hospital.

Disclosures:

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Prashant Malhotra, MD, is an employee of Nationwide Children's Hospital.

Disclosures:

- Financial: Ownership-Digital Story Therapies, Inc
- Nonfinancial: None

Amy Manning, MD, is an employee of Nationwide Children's Hospital.

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Matthew McFarland, RPh, PhD, is an employee of Nationwide Children's Hospital.

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Raul Sanchez, MD, is an employee of Nationwide Children's Hospital.

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Emily Seitz, RN is an employee of Nationwide Children's Hospital.

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Melanie Stevens, SLP, BCS-S, is an employee of Nationwide Children's Hospital.

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Lauren Yoshihiro, SLP is an employee of Nationwide Children's Hospital.

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- Financial: None
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