

# Optimizing Amplification for Children with Hearing Loss



Children's<sup>SM</sup>  
Healthcare of Atlanta

Ryan McCreery, PhD  
Saturday, October 19, 2019

## Location

[Children's Healthcare of Atlanta Office Park](#)

Classroom 3  
1680 Tullie Circle  
Atlanta, GA 30329

## Course description

Experience with sound shapes development, but to date, most research on the perceptual, linguistic, and cognitive outcomes of children with hearing loss have focused on deficits compared to children with typical hearing. Dr. McCreery's research team has engaged in longitudinal research to examine the influence of variability in a child's experience with sound on a wide range of developmental domains. The results of this research support the prediction that individual differences in outcomes for children who wear hearing aids can be predicted based on the quantity and quality of their auditory experiences over time. Evidence from multiple recent studies that have examined the influence of auditory access on outcomes will be presented. The clinical protocol and strategies for optimizing hearing aids for children with hearing loss and supporting their families will be highlighted.

## Agenda

**Saturday, October 19**

- 7:30 a.m. *Registration & Continental Breakfast*
- 8:00 a.m. Introduction: What is cumulative auditory experience?
- 8:30 a.m. Lecture: Understanding speech audibility
- 9:45 a.m. *Break*
- 10:00 a.m. Lecture/Lab: Maximizing hearing aid use
- 11:30 a.m. *Lunch (on your own)*
- 12:30 p.m. Lecture: Outcome measures for hearing aid fitting
- 1:30 p.m. Lecture/Lab: Development of amplification outcomes protocols
- 2:45 p.m. *Break*
- 3:00 p.m. Lecture/Lab: Complex case studies in pediatric amplification
- 4:00 p.m. *Adjourn*

**=6.5 Contact Hours**

## Registration

**Registration Price** (includes continental breakfast):

Regular Registration	\$160
Group Discount (2 or more attendees from the same facility)	\$135
Children's Healthcare of Atlanta Staff	\$110

**Space is limited, register today at <https://cvent.me/o8kAD>**

Contact [michelle.moore@choa.org](mailto:michelle.moore@choa.org) for more information.

## Target audience

This conference is intended for pediatric audiologists.

## Course Objectives

At the conclusion of the conference, the participant will be better able to:

- Implement audibility-based hearing aid candidacy protocols in a clinical setting.
- Develop strategies to support consistent hearing aid use.
- Incorporate practical and actionable outcome measures to assess development in children who wear hearing aids.
- Manage complex cases of pediatric amplification, including mild bilateral hearing loss, unilateral hearing loss, and auditory neuropathy spectrum disorder.

## Speaker

**Dr. Ryan McCreery** is the Director of Research and Director of the Audibility, Perception and Cognition Laboratory at Boys Town National Research Hospital in Omaha, Nebraska. As Director of Research, Ryan oversees the 23 laboratories in five research centers that comprise the BTNRH research program. Ryan's NIH-sponsored research characterizes the effects of hearing loss and amplification on auditory perceptual development in children.

## Continuing Education



Children's Healthcare of Atlanta is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology and audiology. **See course information for number of ASHA CEUs, instructional level and content area.** ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

This program is offered for **.65 ASHA CEUs** (Intermediate level; Professional area)

### Instructor Disclosure

*Financial:* Dr. McCreery is receiving an honorarium from Children's Healthcare of Atlanta for this presentation. He is a consultant for the British Columbia Early Hearing Program and receives research grants from the National Institutes of Health *Non-Financial:* Dr. McCreery does not have any non-financial relationships to disclose.

## Accommodations

### Courtyard Atlanta Executive Park/Emory

1236 Executive Park Drive NE

Atlanta, GA 30329

404-728-0708 (Call and ask for Children's Healthcare of Atlanta rate)

Click [here](#) for Children's reduced rate to book online

### Doubletree Hotel Atlanta North Druid Hills

2061 North Druid Hills Road

Atlanta, GA 30329

Click [here](#) for website. (Click on Special Rate Codes and then enter 0009885641 under Corporate Account)

*All programs are intended to be accessible to all persons. If you have a disability and require assistance in order to fully participate in the conference activities, call the conference coordinator to discuss your specific needs.*

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