



The Medical University of South Carolina | Otolaryngology - Head & Neck Surgery

The 7th MUSC Pediatric Audiology Conference

Implantable Pediatric Hearing Devices: Technology and Candidacy Updates

A Virtual Live Streaming Interactive Event

March 19, 2021

MUSC Course Co-Directors

Kara Leyzac, AuD, Ph.D.

Assistant Professor
Director, Cochlear Implant Program

Kimberly A. Orr, AuD, CCC-A

Instructor
Director of Audiology

MUSC Speakers

Elizabeth L. Camposeo, AuD, CCC-A

Clinical Assistant Professor
Assistant Director, Cochlear Implant
Program

Clarice Hauschildt, AuD, CCC-A

Clinical Instructor

Kaylene A. King, AuD, CCC-A

Clinical Instructor

David R. White, M.D.

Professor, Director, Pediatric
Otolaryngology
MUSC Children's Health Surgeon in Chief

Guest Speakers

Sharon Cushing, M.D., MSc

Associate Professor
University of Toronto
Hospital for Sick Children

Lisa S. Davidson, Ph.D., CCC-A

Associate Professor
Director of Audiology Outcomes
Central Institute for the Deaf
Washington University School of
Medicine

Lisa Park, AuD, CCC-A

Assistant Professor, Research Audiologist
UNC School of Medicine

Complete faculty disclosures and a list of commercial
supporters can be found on our website: muscd.edu/ent/cme

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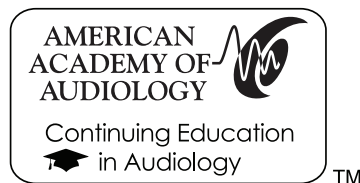
The 7th MUSC Pediatric Audiology Conference Implantable Pediatric Hearing Devices: Technology and Candidacy Updates

This one-day conference is designed for all hearing healthcare team members (audiologists, speech pathologists, teachers of the deaf and hard-of-hearing, early interventionists, hearing aid specialists, physicians, NPs, PAs, etc) involved in the care of hearing impaired children. The course will cover many key topics in the management of children with hearing loss, with a focus on candidacy, technology, and outcomes related to implantable hearing systems. Information is presented to attendees to facilitate best current practices when servicing children with hearing loss.

Credit Designations



Medical University of South Carolina is pending approval by AG Bell Academy for Listening and Spoken Language to offer LSLSTM CEUs for this activity. The program is worth 7.0 CEUs.



Medical University of South Carolina is pending approval by the American Academy of Audiology to offer Academy CEUs for this activity. The program is worth .70 CEUs. Academy approval of this continuing education activity is based on course content only and does not imply endorsement of course content, specific products, or clinical procedure, or adherence of the event to the Academy's Code of Ethics. Any views that are presented are those of the presenter/CE Provider and not necessarily of the American Academy of Audiology.



Medical University of South Carolina 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 0.7 ASHA CEUs (Intermediate level; Professional area.)

An annual ASHA CE Registry fee is required to register ASHA CEUs. CE Registry fees are paid by the participant directly to the ASHA National Office. The annual ASHA CE Registry fee allows registration of an unlimited number of ASHA CEUs for the calendar year. Contact the ASHA CE staff at (800) 498-2071 ext. 8591 for CE Registry fee subscription information.

Americans with Disabilities Act

It is the policy of the Medical University of South Carolina not to discriminate against any person on the basis of disabilities. If you feel you need services or the auxiliary aids mentioned in this act in order to fully participate in this continuing education activity, please call the Department of Otolaryngology - Head & Neck Surgery at 843-876-0943 or attach a note to your registration.

Agenda - Friday, March 19, 2021

MUSC Otolaryngology - Head & Neck Surgery Division of Audiology

At the end of each presentation, learner should be better able to achieve the respective objective stated.

- 7:30 - 8:00 a.m. **Registration and Vendor Slideshow**
- 8:00 - 8:05 a.m. **Welcome and Opening Remarks** Kara Leyzac, AuD, Ph.D.
- 8:05 - 8:35 a.m. **Updates in Cochlear Implant Technology** Elizabeth L. Camposeo, AuD, CCC-A
1.) Review current cochlear implant technology for all three manufacturers and summarize recent updates in cochlear implant technology; 2.) Outline basic concepts of cochlear implant function in pediatric patients
- 8:35 - 9:35 a.m. **Candidacy Guidelines for Pediatric Cochlear Implantation** Kaylene A. King, AuD, CCC-A
Analyze pediatric cochlear implant evaluation process, define standards for cochlear implantation, and review guidelines for cochlear implant referrals
- 9:35 - 9:50 a.m. **Morning Break and Vendor Slideshow**
- 9:50 - 10:20 a.m. **Updates in Bone Conduction Technology** Clarice Hauschildt, AuD, CCC-A
1.) Review current OI and bone conduction technology for all three manufacturers and summarize recent updates in osseointegrated implant technology; 2.) Outline basic concepts of osseointegrated implant function in pediatric patients
- 10:20 - 11:20 a.m. **Candidacy Guidelines for OI Technology in Pediatric Patients** Kimberly A. Orr, AuD, CCC-A
1.) Analyze pediatric osseointegrated implant evaluations, define current standards for osseointegrated implant candidacy, and review guidelines for osseointegrated implant referrals; 2.) Compare and contrast appropriate candidacy for OI versus CI device
- 11:20 - 11:50 a.m. **Single-Sided Deafness** David R. White, M.D.
Interpret why imaging is important before surgical treatment of single sided deafness in children
- 11:50 - 12:50 p.m. **Lunch, Visit Virtual Exhibit Hall**
- 12:50 - 1:50 p.m. **Bone Conduction Hearing Aids: Shifting from Burden to Benefit**..... Sharon Cushing, M.D., MSc
1.) Evaluate the clinical indications for bone conduction hearing aids in children, identify the benefits of existing and new technologies and summarize the surgical considerations, and limitations in the application of bone conduction technology 2.) Explore the ability to reduce the developmental impact of congenital conductive losses
- 1:50 - 2:50 p.m. **Electroacoustic Programming and Outcomes in Children**..... Lisa Park, AuD, CCC-A
1.) Improve management of audiological care for children with post-operative residual hearing.
2.) Evaluate cochlear implant candidacy in children with pre-operative residual hearing more effectively
- 2:50 - 3:05 p.m. **Afternoon Break and Vendor Slideshow**
- 3:05 - 4:05 p.m. **The Effects of Early Acoustic Hearing On Spoken Language Skills For Pediatric Cochlear Implant Recipients**..... Lisa S. Davidson, Ph.D., CCC-A
1.) Demonstrate knowledge of the unique roles of segmental and suprasegmental speech perception on spoken language skills of pediatric cochlear implant recipients. 2.) Assess how acoustic hearing may benefit speech perception skills of pediatric cochlear implant recipients.
- 4:05 - 4:35 p.m. **Q&A and Closing Remarks**..... Kimberly A. Orr, AuD, CCC-A
- 4:35 p.m. **Adjourn - Complete And Submit All CEU Forms - Thank you!**
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Registration

For Easy Online Registration: musc.edu/ent/cme

Name _____ Last 4 digits of SSN _____
Preferred name _____
Address _____
City _____ State _____ Zip _____
E-mail address _____
Telephone #1 _____ Telephone #2 _____
Practice name _____
I am an __ M.D. __ Ph.D. __ NP __ PA __ AuD __ SLP __ Other _____
Specialty _____

	Register on or before 2/26/21	Register 2/27/21 to 3/16/21
<input type="checkbox"/> M.D., Ph.D., NP, PA, AuD, SLP, other	\$125.00	\$175.00
<input type="checkbox"/> Residents and Students	\$60.00	\$60.00

An electronic syllabus will be available online for all registrants prior to the conference.

Payment must accompany registration

Check payable to:
MUSC Otolaryngology - Head & Neck Surgery
Pediatric Audiology Conference
135 Rutledge Avenue, MSC 550
Charleston, SC 29425-5500

Visa MasterCard AMEX Discover
Card # _____
Exp. Date _____
Cardholder's Name _____

For additional conference information:
P: 843-876-0943 | E: taylojul@musc.edu

Cancellations

Refunds for cancellation can be given if requested in writing before March 4, 2021. A \$50.00 administrative fee will be retained if you cancel. **No refunds will be made on or after March 4, 2021.**

This conference is subject to cancellation and if this should happen, persons registered for this conference will be notified by telephone, using the telephone number listed on the registration form. In the event of cancellation by MUSC, registration fees will be refunded in full.