OBJECTIVES

It is estimated that genetic disorders account for approximately 50-60 percent of the cases of hearing loss identified at birth. More than 70 genes which cause hereditary hearing loss have been identified. Powerful new genome sequencing technologies are making it easier to access genomic information allowing us to appropriately use this information to improve health and prevent disease in infants and children. With our knowledge of hearing loss-based genetics in the infancy stage, further advances in genomic sequencing have the potential to diagnose a vast number of disorders at birth. Ultimately, we can hope to prevent or lessen the effects of mutations in these genes that affect hearing, cancer, autism and other disorders.

Our speakers will give a unique prospective on the impact genetics play in many of the lives of the children we see. Amplification strategies to address specific hereditary hearing disorders that lead to atresia/microtia and single-sided deafness will be provided. In addition, relevant case histories will be presented. Throughout, connections beyond the audiogram will be explored.

CONTINUING EDUCATION

The Sound Wave Symposium
October 14th and 15th, 2016
AMN Healthcare
12400 High Bluff Drive, San Diego, CA 92130

The Sound Wave Symposium is approved by the American Academy of Audiology to offer CEUs for this activity. The program is worth a maximum of 1.5 CEUs. The program is worth a maximum of 1.5 CEUs.

AGENDA DAY ONE

7:30 Registration and Continental Breakfast
8:00 Welcome
Julie Purdy, PhD
8:15 Genomics at Rady Children's Hospital
Sherri M. Jones, PhD
8:45 Genetics of Hearing Loss/ Vestibular Disorders
Dennis John Kuo, MD
10:15 Break
10:30 Gene Testing on Tumors to Help Determine Prognosis and Treatment
Dennis John Kuo, MD
11:00 Novel Genomic Technologies
Lauge Farmae, MD, PhD
11:30 Cancers with Inherited Risks
Diane Masser-Frye, MS
12:30 Lunch
1:30 The Genetics of Craniofacial Anomalies and Clefting
Robert J. Shprintzen, PhD
3:15 Break
3:30 Genetics of Rare Infectious Diseases and Inflammatory Hearing Loss
Rady Children's Audiometry Team
5:30 Adjourn/Cocktail Reception

AGENDA DAY TWO

7:30 Registration and Continental Breakfast
8:00 Welcome
Julie Purdy, PhD
8:15 DNA Technologies for Improving the Diagnosis and Treatment of Autism
Jonathan Sebat, PhD
9:45 Implantable Bone Conduction Technology
Daniela Carvalho, MD
10:15 Break
10:30 Options for Working with Atresia/Microtia
Tiffany Brown, AuD
11:00 Lunch and Exhibit
12:00 Hearing Aid and Remote Microphone Combinations for Single-sided Deafness
Erica Koehler, AuD
2:00 Teenagers and Hearing Loss
Tiffany Brown, AuD
4:15 Case Studies: Hereditary Hearing Loss and Deafness
Rady Children's Audiometry Team
5:30 Adjourn

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Day one is offered for 0.75 ASHA CEUs; day two is offered for 0.65 ASHA CEUs (Intermediate level). Basic Communication Processes area.

Rady Children's Hospital-San Diego is approved by the American Academy of Audiology to offer ACES for this activity. The program is worth a maximum of 1.4 ACES. 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 procedures.

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WANT TO GET TO KNOW SAN DIEGO?

Take a walking tour of the Gaslamp District with SoDiego Tours.

We have organized a 2 ½ hour walking tour of the Gaslamp District run by SoDiego Tours.

You will learn about the post-Gold Rush history era that cultivated the traditions and attractions of San Diego. You will stop at four locations for bites and brews along the way! You will be transported by bus from the AMN Building at 6:30 pm on Friday and brought back to either the AMN or the Doubletree hotel by 10:30 pm. The cost is $60.00 and includes transportation, tour and food/drink.

Interested? Contact SoDiego Tours directly to book a spot.

Phone: (619) 233-8687; Email: info@sodiegotours.com

Rady Children’s Hospital-San Diego will not be responsible for any issues that may arise from participating with the SoDiego Tour.