

JOIN US

for the State of the Science Meeting on Hearing Enhancement and 4th Annual ANSD Training Course

October 3–5, 2011 | Wilmington, DE



STATE OF THE SCIENCE CONFERENCE ON HEARING ENHANCEMENT: Assessment, Technologies, Rehabilitation and Outcomes
Tuesday, October 4 and Wednesday, October 5, 2011 | 3rd Floor Lecture Hall | Nemours/Alfred I. duPont Hospital for Children

ABOUT THE CONFERENCE:

We are pleased to announce a two-day State of the Science Conference on Hearing Enhancement to be held at the Nemours/Alfred I. duPont Hospital for Children, in Wilmington, Delaware, October 4–5, 2011. The conference is hosted by Rehabilitation Engineering Research Center on Hearing Enhancement (RERC-HE) in conjunction with the Nemours Center for Pediatric Auditory and Speech Sciences (CPASS), Gallaudet University, and George Washington University. This year's focus will be on *“Assessment/Diagnosis, Hearing Technologies, Multilingual Factors and Rehabilitation Outcomes.”* A satellite workshop on Auditory Neuropathy Spectrum Disorder on October 3, 2011, will precede the conference with the aim of training professionals in the diagnosis and management of Auditory Neuropathy Spectrum Disorder.

In keeping with our close ties between the clinic and laboratory, this year's conference topic is intended to provide a forum for researchers and clinicians to present and discuss important issues related to hearing assessment and rehabilitation with a special emphasis on pediatric populations. The goal of this State of the Science Conference is to present an overview of current practice and lay out future research directions for hearing rehabilitation.

What is the RERC on Hearing Enhancement? The Rehabilitation Engineering Research Center (RERC) on Hearing Enhancement is a national project funded by the United States Department of Education, National Institute on Disability and Rehabilitation Research (NIDRR) in the Office of Special Education and Rehabilitation Services (OSERS). The objective of the project is to conduct research programs that promote technological solutions to problems confronting people with hearing loss.

The mission of the RERC on Hearing Enhancement is to build and test components of a new model of aural rehabilitation tools, services and training, for the purpose of: 1) improving assessment and fitting of hearing technologies and 2) increasing availability, knowledge and use of hearing enhancement devices and services to assure a better match for individuals in their natural environments.

LEARNING OBJECTIVES:

MONDAY, OCTOBER 3, 2011

Participants will be able to:

- Describe three auditory characteristics of patients presenting with Auditory Neuropathy Spectrum Disorder.
- Accurately interpret physiologic auditory test results.
- Describe options available for the management of Auditory Neuropathy Spectrum Disorder in infants and children.

TUESDAY & WEDNESDAY, OCTOBER 4-5, 2011

Participants will be able to:

- Describe three major factors that contribute to successful outcomes of pediatric rehabilitation for children with cochlear implants or hearing aids.
- Discuss the possible implications of learning multiple auditory and/or visual languages on the rehabilitation outcomes of children with hearing loss.
- List the most current developments in pediatric cochlear implant and hearing aid technology, and discuss the impact of the technologies on rehabilitation outcomes.
- Discuss the assessment of pediatric hearing loss and the implications of different hearing loss categories on rehabilitative outcomes.

Cancellation Policy: A full refund will be given for written cancellations received before September 23, 2011. No refunds will be given after that date. The hospital is not responsible for any cancellation or change fees assessed by airlines, hotels or travel agencies.

Americans with Disabilities Act: In accordance with the Americans with Disabilities Act, the Nemours/Alfred I. duPont Hospital for Children will provide modifications in teaching methodologies to accommodate individual needs. To request disability accommodations, contact us at least 15 days in advance of the program (302) 651-6839.

Disclosure: Nemours must ensure balance, independence, objectivity and scientific rigor in its education activities. All faculty involved in the development of CEU content are required to disclose to Nemours their relevant financial relationships. An individual has a relevant financial relationship if he/she has a financial relationship in any amount occurring in the last 12 months with a commercial interest whose products or service are discussed in the CEU activity content over which the individual has control. Nemours has policies in place to resolve potential financial conflicts of interest. Relevant financial relationships will be disclosed to the activity audience.

Educational Grants: This course is supported in part by educational grants. Supporters and exhibitors will be disclosed during the conference.

Nemours Alfred I. duPont
Hospital for Children

AGENDA

MONDAY, OCTOBER 3, 2011 | 3RD FLOOR LECTURE HALL
NEMOURS/AIDHC | ANSD WORKSHOP

- 8:15 a.m. **Registration / Continental Breakfast**
- 8:45 a.m. **Welcome & Opening Comments**
Moderator – *Thierry Morlet, PhD*
Nemours/Alfred I. duPont Hospital for Children, Wilmington, DE
- 9:00 a.m. **Physiology of Hearing: Laying the groundwork regarding diagnosis and management of ANSD – Charles I. Berlin, PhD**
University of South Florida, Tampa, FL
All Children's Hospital, St. Petersburg, FL
- 10:15 a.m. **Break / Equipment Demos**
- 10:45 a.m. **Hearing development, diagnostic variation, differential diagnosis, EVA, absent/small cochlear nerves, APD, Friedreich ataxia, imaging, balance testing – Thierry Morlet, PhD**
- 12:15 p.m. **Lunch, Classrooms 2 & 3**
- 1:15 p.m. **Variation among patients, speech perception, mild AN, genetics, management and outcomes, protocols for evaluation and management – Linda J. Hood, PhD**
Vanderbilt University, Nashville, TN
- 2:45 p.m. **Break / Equipment Demos**
- 3:15 p.m. **Management issues, educational needs, changes over time, future directions, case studies**
Charles I. Berlin, PhD, Linda J. Hood, PhD and Thierry Morlet, PhD
- 4:30 p.m. **Final Comments / Questions / Evaluations**

TUESDAY, OCTOBER 4, 2011 | 3RD FLOOR LECTURE HALL
NEMOURS/AIDHC | STATE OF SCIENCE MEETING

- 8:30 a.m. **Registration / Continental Breakfast**
- 9:00 a.m. **Welcome / Opening Comments**
Session 1 – Rehabilitation Outcomes, Current Practice, EI & Future Directions
Moderator – *H. Timothy Bunnell, PhD*
Nemours/Alfred I. duPont Hospital for Children, Wilmington, DE
- 9:15 a.m. **Emily Tobey, PhD**
University of Texas at Dallas, Dallas, TX
- 10:15 a.m. **Break / Equipment Demos**
- 10:45 a.m. **Susan Nittrouer, PhD**
Ohio State University Medical Center, Columbus, OH
- 11:45 a.m. **Discussion Session 1**
- 12:30 p.m. **Lunch: Classrooms 3 & 4**
Session 2 – Bilingualism aspects and emerging populations, what is the future?
Moderator – *James Mahshie, PhD*
George Washington University, Washington, DC
- 1:30 p.m. **Cynthia Core, PhD, CCC-SLP**
George Washington University, Washington, DC
- 2:30 p.m. **Break / Equipment Demos**
- 3:00 p.m. **Deborah Chen Pichler, PhD**
Gallaudet University, Washington, DC
- 4:00 p.m. **Discussion Session 2**
- 4:45 p.m. **Final Comments**

WEDNESDAY, OCTOBER 5, 2011 | 3RD FLOOR LECTURE HALL
NEMOURS/AIDHC | STATE OF SCIENCE MEETING

- 8:30 a.m. **Registration / Continental Breakfast**
- 9:00 a.m. **Welcome / Opening Comments**
Session 3 – Cochlear Implants and Hearing Aid Technology
Moderator – *Matthew Bakke, PhD*
Gallaudet University, Washington, DC
- 9:15 a.m. **Ruth Litovsky, PhD**
University of Wisconsin-Madison, Madison, WI
- 10:00 a.m. **Break / Equipment Demos**
- 10:30 a.m. **Susan Scollie, PhD**
University of Western Ontario, Ontario, Canada
- 11:15 a.m. **Discussion Session 3**
- 12:00 p.m. **Lunch: Classrooms 3 & 4**
Session 4 – Assessment and Characterization of Hearing
Moderator – *Thierry Morlet, PhD*
Nemours/Alfred I. duPont Hospital for Children, Wilmington, DE
- 1:00 p.m. **Fan-Gang Zeng, PhD**
University of California, Irvine, Irvine, CA
- 2:00 p.m. **Break / Equipment Demos**
- 2:30 p.m. **Christine Yoshinaga-Itano, PhD, CCC-A**
University of Colorado, Boulder, CO
- 3:30 p.m. **Discussion Session 4**
- 4:15 p.m. **Closing / Final Comments**



A.I. duPont Hospital for Children 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.



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These courses are offered for 0.55 ASHA CEUs (Advanced level; Professional area) for Oct. 3-5 each day. (Pending)

Registration Form Detach and return by September 23, 2011 to Shirley Morrison, Nemours Biomedical Research, 1701 Rockland Road, Wilmington, DE 19803, Phone (302) 651-6839 or register online at <https://www.nemoursresearch.org/symposia>

Name: _____ Title / Degree: _____

Facility / Employer / Practice: _____ Address: _____

City: _____ State: _____ Zip Code: _____

Phone Number: _____ Fax Number: _____ Email: _____

Would you like more information? _____ Yes _____ No Topic: _____

Fax Payment with Cover Sheet (Credit Card Only)

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REGISTRATION FEE: Rates

Before/On September 23, 2011

After September 23, 2011

_____ Professional

\$100/day or \$250 for 3 days

\$125/day or \$325 for 3 days

_____ Student (Must show ID)

\$25/day or \$75 for 3 days

\$50/day or \$100 for 3 days

_____ Associate (Nemours & Affiliate)

No Fee

No Fee

**State of the Science Meeting
On Hearing Enhancement and
4th Annual ANSD Training Course**

Early Registration Deadline: September 23, 2011