

# CHILDHOOD APRAXIA OF SPEECH:

## Assessment, Treatment, and Early Literacy Skills



Featured Speaker:

Amy Skinder-Meredith, Ph.D., CCC-SLP



April 12, 2013

St. Catherine University  
Couer de Catherine, Rauenhorst Ballroom  
2004 Randolph Avenue  
St. Paul, MN 55105

### PRESENTER PROFILE



Dr. Skinder-Meredith received her doctorate from the University of Washington and her M.S. from the University of Arizona. She is currently a clinical associate professor at Washington State University in Spokane. She is an experienced clinician who has worked in the public schools, hospitals, and private practice settings. Her primary clinical and research interest is in children with motor speech disorders, and she has published and presented her research on Childhood Apraxia of Speech (CAS) at national

conferences. She has been investigating phonological awareness and early reading skills of children with CAS and will be doing a pilot study in the summer of 2013 on intensive treatment of pre-k children in motor speech disorders and phonological awareness skills. Dr. Skinder-Meredith has given numerous workshops for practicing speech-language pathologists across the country on assessment and treatment of CAS.

#### Disclosure Statement

Amy Skinder-Meredith, Ph.D., CCC-SLP, is a clinical associate professor at Washington State University in Spokane.

**Disclosure:** Dr. Skinder-Meredith is a member of the Childhood Apraxia of Speech Association of North America's (CASANA) Professional Advisory Board. She receives no compensation as a member of CASANA's Professional Advisory Board. There are no other relevant financial or non-financial relationships to disclose.

CASANA  
416 Lincoln Avenue, 2nd Floor  
Pittsburgh, PA 15209

### COURSE ABSTRACT

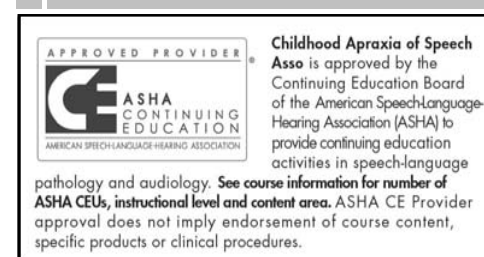
Childhood Apraxia of Speech (CAS) is a pediatric motor speech disorder that baffles many speech language pathologists in terms of how to diagnose it, as well as how to treat it. This session will provide information on the nature of CAS and what to include in the assessment that will allow the clinician to be more confident in his/her diagnosis. Case examples will be provided and discussed to guide the participant in careful observations pertinent to differential diagnosis and determining the relative contribution of various factors to the child's communication disorder. The seminar will also focus on where to begin treatment and how to provide ongoing treatment for children with CAS. Much of the emphasis on treatment will include implementing motor learning principles along with systematic, careful construction of stimuli that is both rewarding and functional for the client. Treatment techniques will be discussed and demonstrated through video examples and will apply to a variety of ages and levels of severity. Ways to incorporate early literacy skills will also be addressed.

### LEARNING OBJECTIVES

*At the end of this seminar the participant will be able to:*

- ◆ Explain three of the hypotheses regarding the underlying deficit of CAS
- ◆ List three key characteristics of CAS
- ◆ Differentially diagnose CAS from phonologic delay, dysarthria, and other communication disorders that can result in speech delay
- ◆ Explain three of the motor learning principles and how they apply to treatment of children with CAS.
- ◆ List three key principles most often suggested as being important to the treatment of CAS
- ◆ Plan and implement treatment for children with CAS using Dynamic Tactile and Temporal Cuing
- ◆ Explain how literacy is often impacted in children with CAS
- ◆ Incorporate early literacy and phonological awareness activities into motor speech therapy

### ASHA CONTINUING EDUCATION CREDIT



This course is offered for .7 ASHA CEU's (Intermediate level, Professional area)

### ASHA CE REGISTRY

- ★ An annual ASHA CE Registry fee is required to register ASHA CEU's. ASHA 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. 4219 for CE Registry fee subscription information.

# REGISTRATION

**WORKSHOP: CHILDHOOD APRAXIA OF SPEECH: ASSESSMENT TREATMENT AND EARLY LITERACY SKILLS – APRIL 12, 2013**  
 St. Catherine's University, 2004 Randolph Avenue, St. Paul, MN 55105

## REGISTRATION INFORMATION

Complete for each registrant: (Copy as needed)

Name \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Phone \_\_\_\_\_ Alternative Phone \_\_\_\_\_

E-Mail \_\_\_\_\_

Please describe any special accommodations required \_\_\_\_\_

Please check one:  
 Professional Early Bird \_\_\_\_\_ \$195  
 Professional received after 3/29 \_\_\_\_\_ \$210  
 Student Early Bird \_\_\_\_\_ \$155  
 Student received after 3/29 \_\_\_\_\_ \$170

Parent Early Bird \_\_\_\_\_ \$155  
 Parent received after 3/29 \_\_\_\_\_ \$170  
 Professional Group Rate of 5 or more \_\_\_\_\_ \$155 each

## METHOD OF PAYMENT

Check \_\_\_\_\_ Money Order \_\_\_\_\_ MasterCard \_\_\_\_\_

Discover \_\_\_\_\_ Visa \_\_\_\_\_ American Express \_\_\_\_\_

Credit Card # \_\_\_\_\_

Expiration Date: \_\_\_\_\_

Month \_\_\_\_\_ Year \_\_\_\_\_ CVV \_\_\_\_\_

**Signature**  
 If the name and billing address on your credit card is different than the above name and address, please let us know the name and billing address for your credit card.

Name \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

# AGENDA – FRIDAY, APRIL 12, 2013

## Timed Agenda

8:00 – 9:45 a.m.

### What Is Childhood Apraxia of Speech (CAS)?

- Definitions of Developmental Motor Speech Disorders
- Model of Speech Production
- Different Beliefs on the Underlying Nature of CAS
- Characteristics of CAS**
- Speech characteristics
- Language and Literacy Implications
- Genetic and neurologic findings
- \*Neurobehavioral disorders associated with CAS

9:45 – 10:00 a.m.

### Break

10:00 – 11:30 a.m.

### How Is CAS Evaluated?

- The Pitfalls of Misdiagnosis
- Differentiating from Other Causes of Speech Sound Disorders
- Overview of Assessment Techniques Designed to Differently Diagnose Phonologic Impairment vs. Childhood Apraxia vs. Dysarthria
- Video and Audio Examples

11:30 – 12:30p.m.

### Lunch

12:30 – 2:30 p.m.

### Principles of Motor Learning

- Applying Motor Learning Principles to Treating the Child with CAS
- Potential use of biofeedback (e.g., electropalatography, real-time spectrogram, voicing feedback, etc.)

2:30 – 2:45 pm

### Treatment of CAS

- Key Principles Most Often Suggested as Being Important to the Treatment of CAS
- Examples of Various Bottom-Up Therapy Techniques
- Dynamic Temporal and Tactile Cueing (DTTC)
- Clinical Decision Making in Treatment and Treatment Planning.
- Critiquing of Video Examples of Treatment

2:45 – 3:45 pm

### Break

### Adding Phonological and Phonemic Awareness to Motor Speech Therapy to Improve Literacy and Speech

- Ideas for pre-school through kindergarten age children
- Ideas for K-2 children

3:45 – 4:30 pm

### Treating Motor Speech Disorders in the Real World

- Problems and Issues in Implementing Motor Approaches to Treatment
- Common Questions
- The Use of Alternative Treatments
- Is Once a Child with Apraxia Always a Child with Apraxia?
- To Use or Not to Use Non-Speech Oral Motor Exercises?

## COURSE LEVEL

Intermediate/Professional Area. Participants are expected to have some prior academic and/or clinical experience with children with severe speech disorders. Families are most welcome at the workshop with the understanding that the level of presentation will be at the intermediate professional level.

*This workshop is sponsored by the Childhood Apraxia of Speech Association of North America (CASANA). To learn more about CASANA or to register online, please visit [www.apraxia-KIDS.org](http://www.apraxia-KIDS.org).*

# GENERAL INFORMATION

## Location:

St. Catherine's University  
 Cover de Catherine, Rauenhurst Ballroom  
 2004 Randolph Avenue  
 St. Paul, MN 55105

## How to Register:

Register by mail, phone or online with a credit card at <http://www.apraxia-kids.org>. Send completed registration form with payment to CASANA, 416 Lincoln Avenue, 2nd Floor. Pittsburgh, PA 15209. We accept Visa, MasterCard, Discover and American Express. Make checks payable to CASANA. Call 412-923-3401 for more information.

## Registration Fee Levels:

Professional Early Bird \$195 / After 3/29 \$210  
 Student Early Bird \$155 / After 3/29 \$170  
 Parent Early Bird \$155 / After 3/29 \$170

To qualify for Early Bird Registration, registration form and fee must be postmarked no later than March 29, 2013.

## Group Rates:

Professional Group Rate of 5 or more registrations \$155 each. Please copy registration form as many times as needed and mail group registrations in the same envelope.

## Confirmation:

Registrations will be confirmed by e-mail only.

## ASHA Continuing Education Eligibility

ASHA CE eligibility for professionals is dependent upon participant attendance. Therefore participants who do not attend the workshop in its entirety, sign attendance sheets and submit required paperwork will not be considered for ASHA Continuing Education Units. This workshop is not being offered for variable credit.

## Registration Fee Includes:

- Coffee, Tea, Juice, and Continental Breakfast.
- A handout prepared by the speaker specifically for the program.
- Certificate of Attendance verifying successful completion of the course.
- ASHA CEU submission.
- Registration Fee **does not** include lunch.

## Cancellation:

Paid registration fees will be refunded, less a \$25 (USD) administration fee, with a written request postmarked no later than March 29, 2013. *There will be no refunds after March 29, 2013.* CASANA reserves the right to cancel this workshop with due cause and refund in full. In the event that this workshop is cancelled by CASANA, full refunds of paid registrations will be made on or before May 15, 2013. Complaints should be directed to the CASANA Education Director at [kathyh@apraxia-kids.org](mailto:kathyh@apraxia-kids.org).

## Directions and Parking:

Directions to the facility and parking information will be included with registration confirmations.

## Accommodations:

- ★ DoubleTree by Hilton Hotel St. Paul Downtown  
 411 Minnesota Street, Saint Paul, MN 55101  
 651.291.8800 (5.4 miles)
- ★ Holiday Inn Saint Paul Downtown  
 175 W 7th Street, Saint Paul, MN 55101  
 651.225.1515 (4.5 miles)

## Walk-Ins:

- ★ If space allows, walk-ins are welcome. However, it is not guaranteed that space will be available.