

## REGISTRATION

**Cost:** \$410/3 day course

**Registration Deadline:** Payment and registration must be received by February 27, 2015.

**To register online,** go to [childrenshospitalofillinois.org/ribcage](http://childrenshospitalofillinois.org/ribcage)

**To register by mail,** send your completed form and payment to:

Children's Hospital of Illinois  
Pediatric Rehabilitation  
Attn: Denise Neuhaus  
530 NE Glen Oak Ave.  
Peoria, IL 61637

*Checks payable to Children's Hospital of Illinois.*

Please print:

NAME

ADDRESS

HOME PHONE

CELL PHONE

BUSINESS PHONE

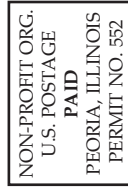
E-MAIL ADDRESS *(needed for confirmation)*

LICENSE #

Discipline:  PT  OT  SLP Other \_\_\_\_\_

**Cancellation Policy:** Cancellations must be received in writing by February 27, 2015.

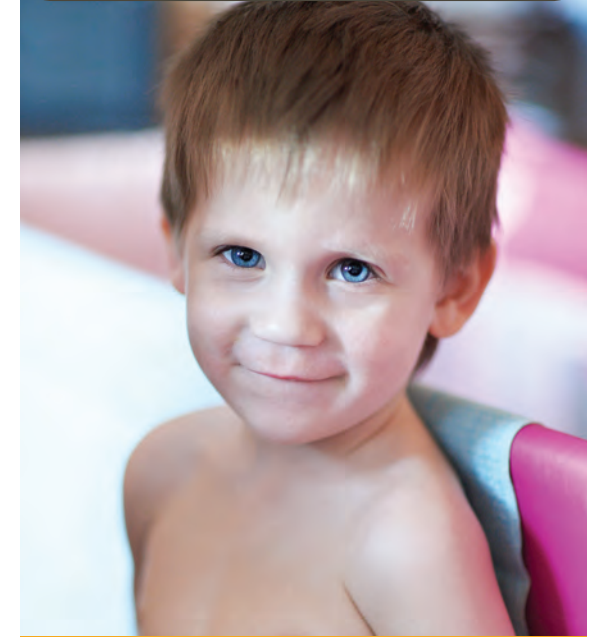
**Questions:** Call 309.655.6409



530 NE Glen Oak Ave.  
Peoria, Illinois 61637

## RIB CAGE:

Focus on the Rib Cage  
for Improvement in  
Respiration, Phonation,  
and Postural Control



**March 19-21, 2015**

Hosted by:  
Pediatric Developmental Rehabilitation  
Children's Hospital of Illinois  
Peoria, Illinois



## SCHEDULE

### DAY ONE

- 9:00 am Introduction/Discussion of Workshop Plan  
9:15 am Significant Anatomical/Kinesiological Characteristics of Typical Rib Cage, Oral-Motor and Respiratory Musculature Function  
10:45 am Break  
11:00 am Anatomical/Kinesiological Characteristics (cont.) Significant Developmental Characteristics of Typical Respiratory Coordination and Function  
12:30 pm Lunch  
1:30 pm Developmental Characteristics (cont.)  
2:45 pm Break  
3:00 pm The Rib Cage as it Relates to Respiratory Coordination and Function in Children with Cerebral Palsy  
4:30 pm Adjourn

### DAY TWO

- 9:00 am Respiratory Coordination and Function in Children with Cerebral Palsy (cont.)  
The Rib Cage as it Relates to the Formulation of Goals and Strategies  
10:30 am Break  
10:45 am Group Lab: Strategies for Improved Rib Cage and Respiratory Musculature Activity  
Noon Lunch  
1:00 pm Patient Demonstration/Discussion (Child I)  
2:30 pm Break  
2:45 pm Group Lab (cont.)  
4:30 pm Adjourn

### DAY THREE

- 9:00 am Group Lab: Strategies for Improved Rib Cage and Respiratory Musculature Activity  
10:30 am Break  
10:45 am Patient Demonstration/Discussion (Child II)  
Noon Break  
12:30 pm Group Lab (cont.)  
3:00 pm Questions/Discussion/Wrap-Up

## COURSE DESCRIPTION

This 3-day workshop will focus on the rib cage and its related structures as they impact the coordination of respiratory function with general movement, phonation, and oral motor activities in infants and children with primary diagnosis of cerebral palsy. Anatomical and kinesiological characteristics of the respiratory and phonatory development will be explored especially in regard to their relationship to early general movement development. The respiratory coordination, development and functioning of children with cerebral palsy will be examined and implications for intervention programming will be discussed. Treatment strategies with emphasis on handling to improve rib cage and respiratory musculature activity will be discussed and demonstrated extensively through group lab sessions and patient demonstrations.

## OBJECTIVES

At the completion of this course, participants will be able to:

1. Identify significant anatomical and kinesiological characteristics of the respiratory mechanism.
2. Identify significant aspects of typical, early respiratory-phonatory development and their relationship to early general movement development.
3. Identify significant aspects of respiratory coordination development and function in children with cerebral palsy.
4. Formulate treatment goals and strategies for the coordination of respiratory function with general movement, phonation, and oral motor activities in infants and children with cerebral palsy.

## ACCOMMODATIONS

Mark Twain Hotel  
225 NE Adams Street, Peoria, IL 61602  
309.676.3600

*Attendees will receive a discounted rate for hotel stay. Must give course name upon making hotel reservation in order to receive the discounted rate of \$99.*

## BIO

**Rona Alexander, PhD, CCC-SLP, BCS-S, C/NDT** is a speech-language pathologist specializing in the assessment and treatment of oral motor, feeding/swallowing, and respiratory-phonatory function in infants and children with neuromuscular involvement. She maintains a private practice; provides consultation services; and conducts workshops on oral motor, feeding/swallowing, and respiratory coordination development, assessment, and treatment. As a qualified speech instructor in Neuro-Developmental Treatment, Dr. Alexander teaches in basic pediatric and advanced NDT courses. Dr. Alexander has contributed chapters to numerous publications, and authored and co-authored books and CEU products on oral motor, feeding/swallowing, and respiratory-phonatory function in infants and children with neuromotor involvement.

## MEALS

Continental breakfast, lunch, and snacks will be provided each day.

## CE APPROVAL

This activity is being offered in cooperation with OSF Saint Francis Medical Center Rehabilitation Services, an approved Illinois Department of Professional Regulation CE Sponsor, for the following professions – for 17 CE. Full attendance required to receive credit.

Occupational Therapy – CE Sponsor License # 224-000011  
Physical Therapy – CE Sponsor License # 216-000024  
Speech Language Pathology – CE Sponsor License # 202-000164

This program has been approved through the Illinois Early Intervention Training Program for 17 contact hours:

4.0 Typical Development  
4.0 Atypical Development  
9.0 Intervention