

## Course Objectives

The learner will:

1. develop an understanding of how the vestibular and visual systems are wired together in the brain.

2. develop an understanding of how the vestibular system supports visual function and primes the nervous system for movement.

3. develop an understanding of how the brain processes visual information perceptually.

4. acquire an introductory understanding of the assessment of visual perception.

5. develop an understanding of how the visual system modulates and modifies vestibular information in the nervous system.

6. acquire an elementary understanding of the difference between saccadic eye movements and voluntary visual tracking skills.

7. be introduced to the understanding of how visual deficits affect movement patterns and learning of new movements.

8. be introduced to integrated treatment approach encompassing vision and vestibular synthesis.

## Instructor



Kim Barthel is a world-renowned occupational therapist, author and teacher, actively supporting multi-disciplinary function and healing in many cultures. A pioneer in reinforcing the importance of relationship, she blends cutting-edge developments in neuroscience with the art of compassionate inquiry. An advanced NDT instructor with 35+ years' experience as an OT, her special interests include complex behaviour, movement, mental health, trauma-informed practice, sensory processing, developmental disability and attachment. Kim's overall mission is to support the conscious evolution of the human spirit.



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# Seeing and Moving: A Visual Vestibular Course

Presented by:

**Kim Barthel, OTR**

**September 9, 10, 11, 2019**

McClure United Church  
4025 Taylor Street East  
Saskatoon, SK

Presented by:

Provincial Pediatric Therapies  
Conference Committee



**Saskatchewan  
Health Authority**

## Course Description

Join us for a three day discovery of the integration of the vestibular and visual senses. This course will provide an understanding of the neurobiological interaction of these sensory systems and their impact upon the movement and learning systems. Understanding of brain mechanisms to support treatment processes of the visual vestibular integration will be emphasized providing functional intervention strategies.

## Target Participants

This course is designed for occupational therapists treating a wide variety of children and youth with developmental disabilities and neurological challenges. In addition to occupational therapists, this course is open to physical therapists, speech-language pathologists, psychologists, or other professionals.

## Registration

### Fees:

Registration is limited to 100 participants, & offered on a first-come, first-serve basis to Saskatchewan Health Authority (SHA) employees at a rate of \$250.00.

This fee includes the cost of the 3 day course, lunch and refreshments.

If you have specific dietary needs, please supplement on your own.

**After the registration deadline of August 1** the course will be open to **non-SHA** at a registration rate of \$500.00. Registrations will be collected and your name will be placed on a waitlist. We will contact you after August 1st if there is room in the course for you to attend.

### Cancellation Policy:

There will be a \$50 cancellation fee if we are contacted by **August 15, 2019**.

Cancellations submitted after August 15 will be non-refundable. Please make any cancellation requests by contacting Deb Spelay.

## Registration Form

### Seeing and Moving

September 9, 10, and 11, 2019

Registration Deadline: August 1, 2019

Name: \_\_\_\_\_

Occupation: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_

Prov: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Primary Phone: \_\_\_\_\_

Email: \_\_\_\_\_

(We will use your email address to send a confirmation of registration, a link to the handouts before the conference, and your receipt after the conference.)

### Please bring:

- yoga mat (for practical portions)

### Registration Fees Submitted:

- Registration fee of \$250 (SHA)
- Registration fee of \$500 (Non –SHA)

### Registration via:

- Cheque enclosed payable to "SK Pediatric Therapy Conference"
- I will send an e-transfer to deb.spelay@saskhealthauthority.ca

### Please send registrations to:

Deb Spelay, Children's Program  
Wascana Rehabilitation Centre  
2180—23rd Avenue  
Regina, SK S4S 0A5