

The Learning Workshop
☎(647) 864-3354
info@thelearningworkshop.ca
www.thelearningworkshop.ca

Decoding Autism: Understanding Neurobiology & Effective Intervention Strategies

Presented By:
Kim Barthel, OT
September 29-30, 2018

Location:
Holland Bloorview Kids Rehab Hospital
150 Kilgour Road
Toronto, Ontario

Sponsored by:
The Learning Workshop

Course Description

This two-day workshop will blend cutting edge neurobiology with treatment strategies supporting clinicians who serve the Autism Spectrum Disordered population. A deeper and current understanding of the mechanisms of the brain-body science of ASD will be explored to allow occupational therapists, speech language pathologists, physiotherapists and other professionals to create evidence informed choices of treatments for individual clients across a wide range of treatment modalities.

Learning Objectives

Day 1- Participants will:

- Develop a preliminary understanding of the current science of genetic/environmental interaction in the development of ASD.
- Develop an advanced understanding of how the immune system and the brain interact and how this affects behavior.
- Understand how the science of sensory regulation and neuroplasticity can be used in therapeutic intervention.
- Learn advanced treatment techniques to support regulation (sensory, cognitive and emotional).

Day 2- Participants will:

- Develop an advanced understanding of sensory processing in the autistic brain.
- Learn advanced sensory processing interventions for the child with autism (sensory processing intervention, therapeutic listening, integrated listening system).
- Develop an advanced understanding of the brain parts involved in motor control in autism.
- Develop an advanced understanding of motor intervention and how this supports clients with autism.

About the Presenter

Kim Barthel is a world-renowned teacher and occupational therapist, actively supporting multi-disciplinary function and healing in many cultures. A pioneer in reinforcing the importance of relationship in therapy, she is known for blending cutting-edge developments in neuroscience with the art of compassionate inquiry. With 30+ years as an OT, Kim's specialties include Neuro-Developmental Treatment, Sensory Processing, Complex Behaviour, Autism, Mental Health, Trauma Informed Practice, and Attachment. To empower personal reflection, she recently co-authored the national best-seller *Conversations with a Rattlesnake* with NHL hockey legend Theo Fleury. Kim's mission is to support the conscious evolution of the human spirit.

To see more about Kim, her website is www.kimbarthel.ca, she's on Twitter @kimbarthelOTR and on Facebook under 'Kimberly Barthel'

Agenda

Day One (Saturday September 29th)

| | |
|---------------|---|
| 8:30-10:30 | Is it nature or nurture? The new science of epigenetics and how genes and the environment work together. How does this impact intervention? |
| 10:30-10:45 | <i>Break</i> |
| 10:45 – 12:15 | Exploring the links between autism, the immune system and the brain. |
| 12:15-1:00 | <i>Lunch</i> |
| 1:00 – 2:00 | How stress affects the immune system. |
| 2:00 – 3:00 | How Regulation through the sensory systems can affect the stress response. |
| 3:00-3:15 | <i>Break</i> |
| 3:15 – 4:30 | Treatment techniques that support regulation: sensory, cognitive and emotional |

Day Two (Sunday September 30th)

| | |
|---------------|--|
| 8:30 – 10:15 | Sensory Processing and the Autistic Brain |
| 10:15-10:30 | <i>Break</i> |
| 10:30 – 12:00 | Sensory processing intervention strategies and how these work for people with autism |
| 12:00-12:45 | <i>Lunch</i> |
| 12:45 – 2:30 | Motor Areas of the Autistic Brain |
| 2:30-2:45 | <i>Break</i> |
| 2:45 – 4:30 | Motor intervention strategies and how these support people with autism |

The Learning Workshop
☎(647) 864-3354
info@thelearningworkshop.ca
www.thelearningworkshop.ca

Registration Fees

\$495 (includes breakfast, snacks, lunch and handouts) + HST (\$64)= \$559

We accept e-transfer payment, cheque, credit card/pay pal.

Make cheque payable to "The Learning Workshop"

Refunds will be given until 30 days prior to the course. A \$50 administrative fee will be applied to all refunds. **No refunds will be given for cancellations made within 30 days of the first day of the course.**

The Learning Workshop reserves the right to cancel a course for just cause. Cancellation due to insufficient registration will not occur less than three weeks prior to the course. In such a case full tuition will be promptly refunded. Non-refundable airfares will not be reimbursed.

Registration

Name:

Address:

Phone:

Email:

Fax:

Profession:

Place of Work:

Register on line:
www.thelearningworkshop.ca

OR

Mail/e-mail registration to:
The Learning Workshop
222 Winding Lane
Thornhill, Ontario, L4J 5J6
Email: info@thelearningworkshop.ca

Phone: (647) 864-3354