

18th Annual BRI Symposium

Event Agenda

- 9 – 9:30 am **Meeting Opening**
Presented by: **Elder Wanda Whitebird**
- 9:30 – 9:50 am **Welcoming Remarks**
Julia Hanigsberg, president and CEO
Dr. Mary Forhan, associate professor and chair, Department of Occupational Science & Occupational Therapy, Temerty Faculty of Medicine, University of Toronto
Co-hosts:
- **Dr. Evdokia Anagnostou**, vice president, research and director, Bloorview Research Institute
 - **Tharsiny Markandu**, family leader and morning co-host
 - **Ivona Novak**, family leader and afternoon co-host
- 9:50 – 10:10 am **BRI Strategic Priorities: 2023 - 2030 presentation**
Dr. Evdokia Anagnostou and **Liam Cosgrove**, youth ambassador
- 10:10 – 11:10 am **Keynote: Mickey Milner International Professorship**
Why we need global research to meet the needs of local communities
Presented by: **Petrus de Vries**, Struengmann Professor of Child & Adolescent Psychiatry, Division of Child & Adolescent Psychiatry, University of Cape Town, South Africa and Founding Director, Centre for Autism Research in Africa (CARA)
- 11:10-11:30 am **Quick Hits Research Presentations**
- **Azadeh Aghamohammadi Sereshki** - A Preliminary Investigation of E-I balance as a Potential Marker of Adaptive Functioning in ASD
 - **Josie Kearney** - Community provider perspectives on an autism learning health network: a qualitative study
 - **Nicolas Ivanov** - Towards user-centric brain-computer interface design: Unsupervised learning and Markov chain-based methods to understand user capabilities
 - **Daniela Testani** - Exploring predictors of participation from preschool to school aged children with cerebral palsy
 - **Gabriel Ng** - Machine learning for holistic, long-term rehabilitation monitoring
 - **Erin Dowds** - Barriers and facilitators to the Social ABCs caregiver -mediated intervention for toddlers with emerging autism spectrum disorder

- **Atty Yazdy** - Evaluating the reliability of virtually obtained upper limb motor assessments for children with cerebral palsy

11:30 am -12:15 pm

Co-Designing Authentic, Meaningful Research Engagement: Lived Experience Perspectives

Panelists:

- **Pat Furlong**, president and founder of Parent Project Muscular Dystrophy
- **Terry Pirovolakis**, founder of CureSPG50
- **William Goessart**, orthotics and prosthetics technician and Holland Bloorview client
- **Shirley Wynne**, parent from Kashechewan First Nation
- **Tesla Koostachin**, parent from Attawapiskat

Moderator:

- **Dr. Melanie Penner**, senior clinician scientist and developmental pediatrician, Bloorview Childrens Hospital Foundation Research Chair in Developmental Pediatrics

12:15-1:15 pm

Lunch/ Poster sessions/tours&demos/exhibition showcase

1:15 - 2.15 pm

Breakout sessions

Breakout Session #1: Driving Change: The Transformative Impact of Knowledge Mobilization and Commercialization in Pediatric Rehabilitation

Moderator: **Christa Studzinski**, director of business development and partnerships, Ontario Brain Institute

Panelists:

- **Sharon Wong**, director of commercialization, BRI
- **Dr. Jessica Brian**, senior clinician scientist, psychologist, co-lead of the Autism Research Centre, BRI
- **Christine Provvidenza**, knowledge translation lead, Evidence to Care and NOVEL Lab, BRI
- **Dr. Jan Andrysek**, senior scientist, PROPEL Lab, BRI

Breakout Session #2: Data, AI, and Personalized Health: Successes, Opportunities, and Challenges

Moderator: **Dr. Azadeh Kushki**, associate chief of data science, senior scientist, Autism Research Centre, BRI, and associate professor, Insitute of Biomedical Engineering, University of Toronto

Panelists:

- **Peter Welsh**, family leader
- **Dr. Marc Fiume**, co-founder and CEO, DNASTack
- **Dr. Fahad Razak**, internist, St. Michael's Hospital, senior fellow at Massey College and Canada Research Chair in

Data-Informed Health Care Improvement, University of Toronto

- **Dr. Anna Goldenberg**, Varma Family Chair in Biomedical Informatics and Artificial Intelligence, Hospital for Sick Children Research Institute

2:15 - 3:15 pm

IDEAA Keynote

Re-thinking EDIA in 2023

Presented by: Dr. Gaynor Watson-Creed, associate dean of Serving and Engaging Society and assistant professor in the Department of Community Health and Epidemiology, Dalhousie University

3:15 - 3:45 pm

BRI Research Talks

Testing a movement-tracking video game for upper limb rehabilitation: a family-centred approach for children with cerebral palsy living in Costa Rica

Presented by: Dr. Elaine Biddiss, senior scientist and Bloorview Childrens Hospital Foundation Chair in Pediatric Rehabilitation

Mental health and concussion

Presented by: Dr. Shannon Scratch, clinician scientist and Holland Family Professorship in Acquired Brain Injury

3:45 - 4:00 pm

Listening to the Margins: Art Exhibit Introduction and Viewing

Presented by: Zehra Kamani, research coordinator, EPIC Lab

4 - 4:30 pm

RECEPTION (Coriat Atrium)

4:30 - 5:30 pm

Awards Ceremony & Closing Remarks (Coriat Atrium)

