

Kids Brain Health Network Research Day

Our Vision

All children living with neurodevelopmental disabilities enjoy a good quality of life, inclusion in all aspects of society and reach their full potential.

Our Mission

Through catalyzing collective action across sectors, KBHN ensures optimal care and better outcomes for children with neurodevelopmental disabilities and their families.

August 28, 2022

Morris J Wosk Centre for Dialogue
580 West Hastings St. Vancouver,
BC, V6B 1 L6



PROGRAM at a glance

Sunday, August 28, 2022

Asia Pacific Hall RM #100

7:45 AM	Breakfast
8:15 AM	Opening Remarks Geoff Pradella, Board Chair Dr. James Reynolds, CSO
8:35 AM	Research Presentations
9:50 AM	Nutrition Break
10:10 AM	Research Presentations
11:20 AM	Fraser Mustard Award Presentation Dr. Vikram Patel Remarks - Dr. James Reynolds, Geoff Pradella
11:35 AM	Lunch
1:00 PM	Research Presentations
2:20 PM	Closing Remarks Nicola Lewis, CEO

KBHN Research Day

Sunday, August 28, 2022

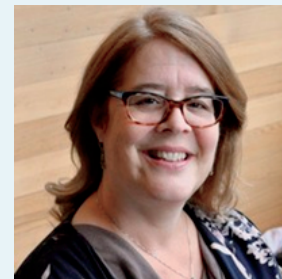
Asia Pacific Hall RM #100

8:35 AM - 9:50 AM

**Research Presentations |
THEME: Intervention (Training)**

8:35 - 8:50 AM

Social ABCs – from program development to service delivery



Jessica Brian, PhD

Presenters

PI: Jessica Brian, PhD (Holland Bloorview Rehabilitation Institute)

Partner: Nadine DeWolfe, PhD C. Psych (Health PEI)

Social ABCs parent-mediated intervention for toddlers with autism or related social communication challenges: The journey from program development to wide-scale implementation across Canada and beyond

8:55 - 9:10 AM

Implementation of a collaborative ACT intervention for family caregivers



Johanna Lake, PhD, C.Psych

Our Acceptance and Commitment Training (ACT) model for caregivers of people with neurodevelopmental disabilities is not only co-designed by caregivers and clinicians, but also delivered in partnership with them. We sought to understand the impact of our family engagement ACT model on caregiver and clinician facilitators.

Presenters

PI: Johanna Lake, PhD, C.Psych (Centre for Addiction and Mental Health)

Partners: Lee Steel (Peer Support Worker, CAMH) & Sacha Bailey MSW (BC Centre for Ability)

9:15 - 9:30 AM

Implementing KidsAction Coaching: Partnering for Indigenous cultural safety



Stephanie Glegg, OT, PhD

KidsAction aims to get kids with disabilities across Canada moving, to foster opportunities for inclusive physical activity and improve health for them and their families. Personalized coaching, home practice & online resources help bring KidsAction to you, wherever you live.

Presenters

Co-PI: Stephanie Glegg, OT, PhD (BC Children's Hospital Research Institute)

Partner: Tara Nault, MSc: Indigenous Sport, Physical Activity & Recreation Council (ISPARC)

9:35 - 9:50 AM

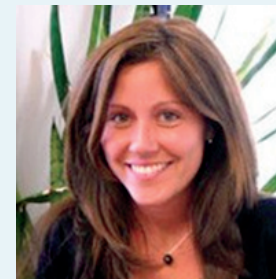
The Family Check-Up: Implementing a New Family-Centred Ecological Model within Autism Services



Terry Bennett, MD, PhD

Presenters

Co-PIs: Terry Bennett, MD, PhD (McMaster University and McMaster Children's Hospital) & Irene Drmic, PhD, C.Psych (McMaster Children's Hospital)



Irene Drmic, PhD, C.Psych

The Family Check-Up (FCU) is a brief, family-centred, evidence-based intervention that has been shown to decrease child emotional and behavioural problems and improve family well-being. Our team is conducting a hybrid implementation-effectiveness study of the FCU in an Ontario Autism Program setting.

10:10 AM -
11:20 AM

**Theme: Intervention
(eHealth-Tech)**

10:10 - 10:25 AM

eHealth for NDD



**Penny Corkum, PhD,
R.Psych**

Presenters

PI: Penny Corkum, PhD
R.Psych (Dalhousie University)

Partners: Jim Fitt (CEO,
Velsoft Training Materials Inc.)

Understanding the implementation of two eHealth interventions for children with NDDs, an eLearning program for teachers in the inclusive classroom setting, ASSIST, and an eHealth intervention for parents of children with neurodevelopmental disorders with insomnia, BNBD-NDD, as well as ensuring the sustainability for these programs

10:30 - 10:45 AM

Community Implementation of Dino Island: A Serious Game Cognitive Intervention



**Sarah Macoun, PhD,
R.Psych**

Presenters

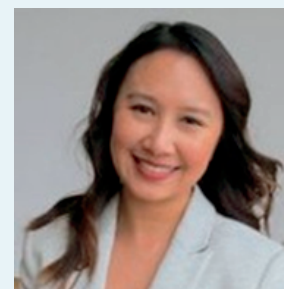
PI: Sarah Macoun, PhD, R.Psych
(University of Victoria)

Partners: Robyn Woods (CEO,
The Uncomplicated Family)

Dino Island (DI) is one of the first attention/EF interventions developed for children to be affordable, accessible, and deliverable outside of specialized therapeutic settings. It is based in 30 years of research and integrates two complementary neuroscientifically-validated treatment approaches, combining the appeal of tablet-based gaming with an in-person, interventionist-child structure.

10:50 - 11:05 AM

The SASs-Go! Project: Evaluating the Implementation of the Secret Agent Society Small Group Program for Autistic Children in Community-Based Services, Ottawa



Vivian Lee, PhD

Presenter

PI: Vivian Lee, PhD
(Carleton University)

Dr. Vivian Lee will give an overview of the Secret Agent Society Proof-of-Concept Community Evaluation project, present quantitative and qualitative results from parents and therapists, and implications for implementation of mental health interventions for autistic children in community-based settings.

11:10 - 11:15 AM

Using artificial intelligence to improve quality of life of sound-sensitive children on the autism spectrum



Elina Birmingham, PhD

Presenters

Co-PIs: Elina Birmingham, PhD (Simon Fraser University) & Siamak Arzanpour, PhD, (Simon Fraser University)

Implementing an artificial intelligence technique for detecting and filtering aversive sounds for children with autism and sound sensitivity



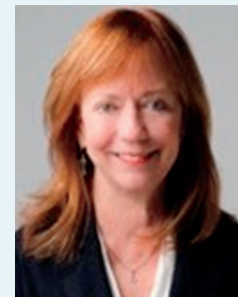
Siamak Arzanpour, PhD

1:00 PM - 2:20 PM

Theme: Family / Community Support

1:00 - 1:15 PM

Navigation: Building Community Capacity in Neurodisability Services



Lucyna Lach, PhD

Presenters

Co-PIs: Lucyna Lach, PhD (School of Social Work, McGill University) & David Nicholas, PhD (Faculty of Social Work, University of Calgary)

The KBHN Navigation Project has generated substantive deliverables and system changes. This presentation will identify outcomes and outputs with implications for advancing navigation support in other regions. Examples include a Community Guide, emerging Communities of Practice, an Integrated Model, and other tangibles.



David Nicholas, PhD

1:20 - 1:35 PM



**Chaya Kulkarni,
BAA, MEd, EdD**

The Infant and Early Mental Health (IEMH) Hub for Training, Resources, and Tools is improving developmental outcomes of young children by enhancing the knowledge and skill of practitioners engaged in the prevention and/or reduction of vulnerability, or intervention and treatment of vulnerability, for at-risk populations.

Nurturing the Seed: Building a System of Infant and Early Mental Health in Partnership with Indigenous Communities

Presenters

PI: Chaya Kulkarni, BAA, MEd, EdD
Partners: Amber King-Robitaille (Georgian Bay Native Women's Association) & Arlene Hache (Wisdom Keepers)

1:40 - 1:55 PM



**Dr. James Reynolds,
PhD**

The Fetal Alcohol Resource Program (FARP) is a stakeholder-driven program that is supporting children and youth with FASD and their caregivers, and building capacity through customized FASD training in various sectors including mental health, justice, housing, and education.

The Fetal Alcohol Resource Program: A multi-system approach to supporting families impacted by FASD

Presenters

PI: James Reynolds, PhD (Queen's University)
Co-I: Heather Lacey, Executive Director (ABLE2)

2:00 - 2:15 PM



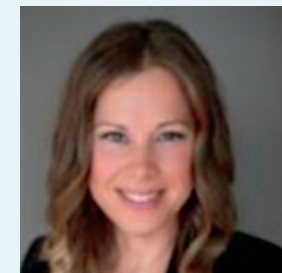
**Jacqueline Pei,
PhD R.Psych**

Using COMPASS to Navigate the Supports and Interventions Journey for FASD

Presenters

Co-PIs: Jacqueline Pei, PhD R.Psych (University of Alberta) & Kaitlyn Mclachlan, PhD C.Psych (University of Guelph)
Partner: Annette Cormier (VitaliteNB)

Individuals with prenatal alcohol exposure can be grouped according to patterns of neurodevelopmental functioning which can identify core pathways of support. Working with clinics and families, we have developed a prototype tool (COMPASS) that can be used by clinics to easily and rapidly generate family-friendly clinical profiles and intervention recommendations and planning tools.



**Kaitlyn Mclachlan,
PhD C.Psych**