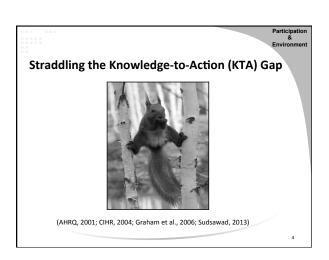
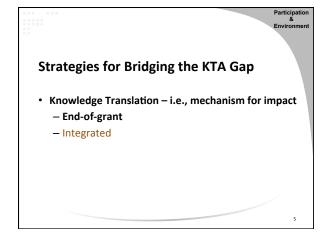
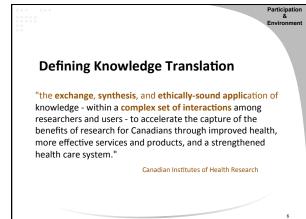




Short Course Objectives
 Define Knowledge Translation (KT)
 Describe why and how we used the KTA framework to guide the development of the Participation Knowledge Hub
 Identify evaluation strategies that we are using to assess for uptake and exchange of knowledge via the Participation Knowledge Hub

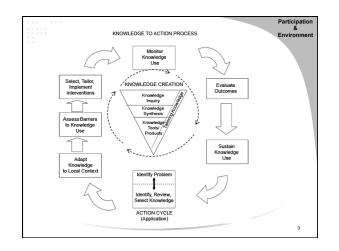


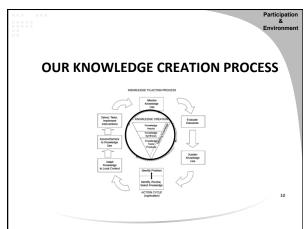






## Core Requirements for Effective KT Who: The dissemination source must be perceived as competent, credible and trustworthy The intended user must perceive the relevance of the materials to their own needs, and understand the material in the context of their work. What: The content must be perceived as relevant, usable, methodologically sound, and comprehensive to users. When and How: The medium must be timely, accessible, user-friendly and clearly understandable.





Need for New Measures of
Children's Participation and Environment

- Participation is an important outcome for children and youth. Participation is associated with children's health and well-being, reduction in health and social risk factors, and development of skills and relationships
- Children's participation influenced by child-related factors (e.g., age, gender), family-related factors (e.g., income) and environmental factors
- Children's environments may be amenable to change but has rarely been the primary focus of intervention
- Few available measures of children's participation and environment that are grounded in ICF and suitable for use in large-scale research to identify participation patterns and environmental supports and barriers to participation
- Ambiguity in ICF-CY about how to define participation and environment
- Family perspectives are often excluded in the design of measures



Coster & Khetani, 2008; Darrah, et al., 2012; King, et al., 2003; Larson & Verma, 1999; Law, 2002; Tseng & Seidman, 2002; Weisner, 2002; WHO, 2007; WHO & World Bank, 2011

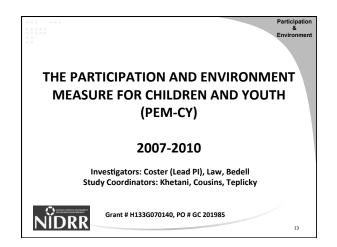


Challenges Bring Opportunities

There are unique opportunities for researchers, service providers, families and other stakeholders to benefit from new measures of children's participation and environment that:

- Are suitable for population-level research (i.e., short, can be filled out independently)
- Are comprehensive (i.e., capture all relevant settings, activities, and factors)
- That account for the viewpoints of children and youth of diverse ages, disabilities, and backgrounds

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## What Parents Taught us about Children's Participation & Environment... Important Activities: Parents identified home, school, and community activities For the most part, there was consistency in responses regardless of whether the child had a disability or not

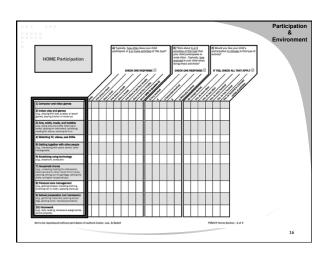
Participation

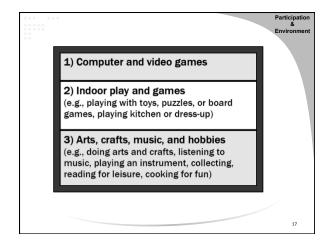
- - Parents identified a <u>broader</u> range of environmental factors than what is reported in ICF
    Parents identified factors specific to the <u>home, school, and community</u> settings
- Ways of appraising children's participation:

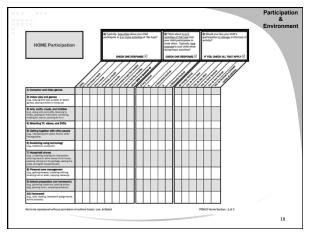
  - Participation is a <u>multidimensional</u> construct
     Experience of participation is <u>inextricably</u> linked with the environment
  - Appraising participation and environment naturally lends itself to a conversation about parents' strategies to promote participation

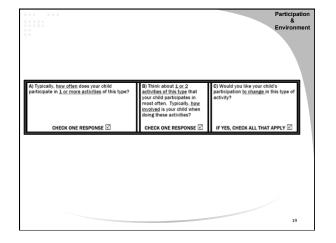
Bedell, G. M., Khetani, M., et al., 2011

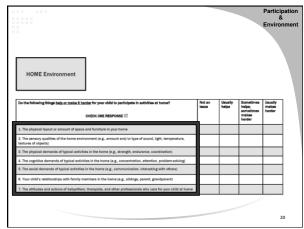
**PEM-CY** • Parent-report - takes 20-30 minutes to complete • Appropriate for parents of children and youth, ages 5 to 17, with and without disabilities • 3 sections: Home (10 items), School (5 items), and Community (10 items) • Each section asks about participation and environment, and parent strategies to promote participation in that setting Coster, Law, & Bedell, 2010

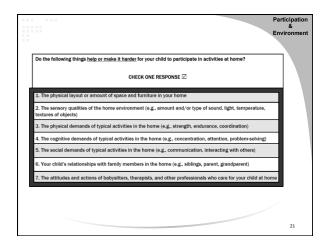


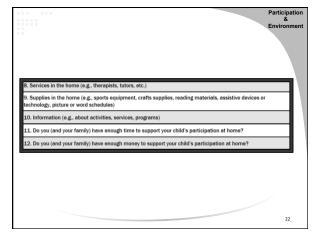


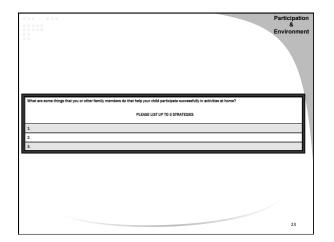


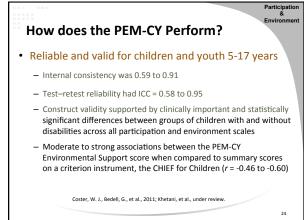


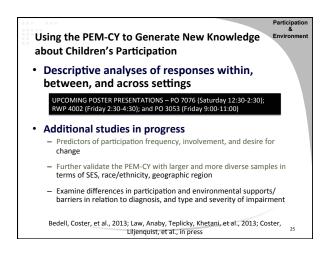


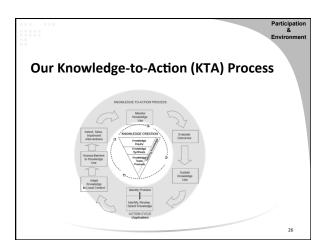


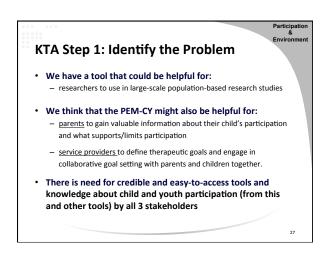


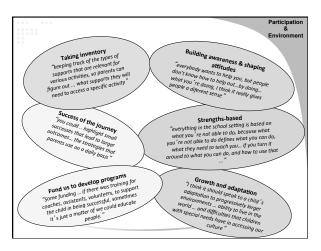


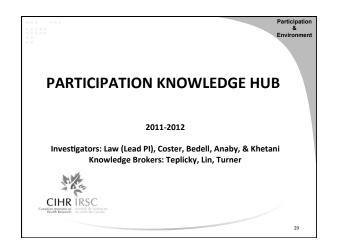


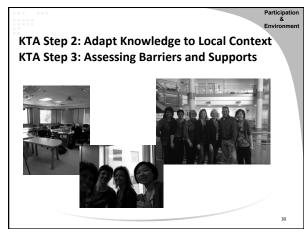












# \*\*Environment\*\* \*\*Environment\*\* \*\*Environment\*\* \*\*Environment\*\* \*\*Day 1: Semi-structured dialogue with parents (n=5), service providers (n=5), a researcher and a KT specialist\*\* 1. Meeting agenda and overview of topic mailed to each participant\*\* 2. Presentation focused on what we had learned about children's participation and environment via PEM-CY development\*\* 3. Large Group Brainstorming: What do you want to know about child and youth participation?\* 4. Small Group Discussion: How would you like to receive information about child and youth participation?\* • Day 2: 1-hour webinar to 62 service providers, program directors, educators and researchers world-wide to introduce the PEM-CY

Participation
Environment

Results from Stakeholder Meeting:

• What is needed:

1. Knowledge Hub with tailored layout for diverse user groups (parent, practitioner, researcher)

2. Downloadable PEM-CY with automated scoring and reports, space for note-taking

3. PEM-CY Translations

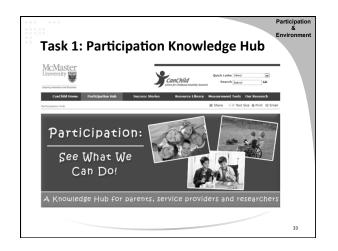
4. Tip Sheets and Educational Modules

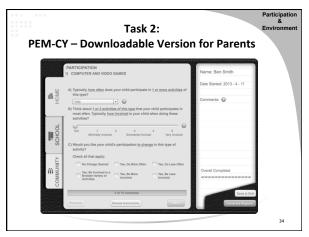
• Anticipated Barriers to Uptake:

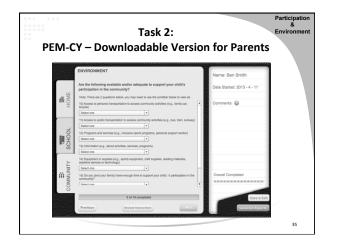
— Limited time and human resources

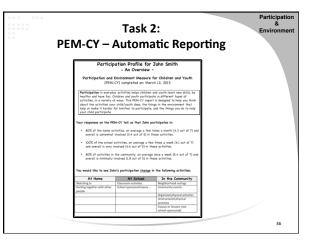
— Lack of access to research

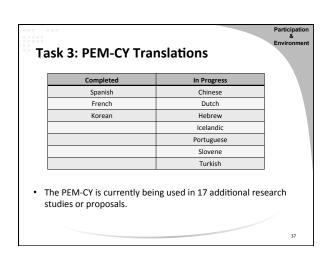
— Findings not easily translated into practice

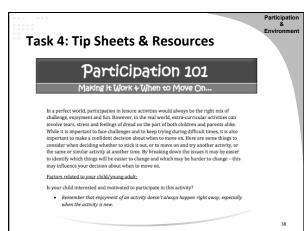


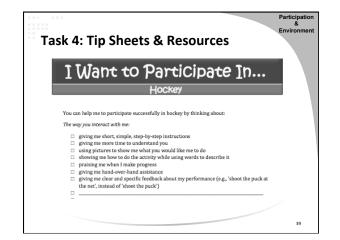


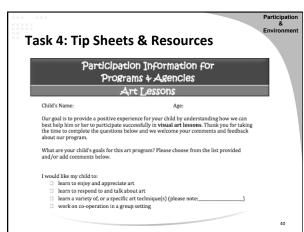


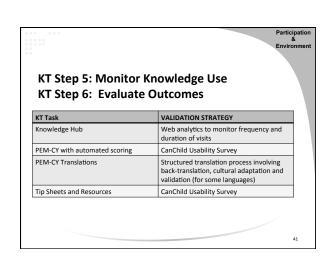


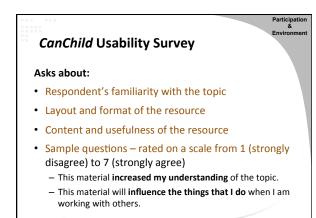












Participation & Environment

Participation Knowledge Hub: Future Directions!

Online data collection using the PEM-CY for use by programs and agencies

Preliminary Studies to Explore the Utility of the PEM-CY for Intervention Planning

Psychometric and Cultural Validation of a Young Children's Participation and Environment Measure (YC-PEM)



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## For more information about the PEM-CY or Hub:

- Rachel Teplicky, Research CoordinatorPhone: 905-525-9140, ext.26851
- E-mail: teplicr@mcmaster.ca

### For more information about the YC-PEM:

- Mary Khetani, Director, Children's Participation & Environment Research Lab
- Phone: 970-491-6349
- E-mail: marv.khetani@colostate.edu
- Weblink: http://www.cperl.colostate.edu

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