

A watercolor-style world map serves as the background. The continents are depicted with soft, blended colors: North America in shades of blue and purple, Europe and Africa in deep purples and magentas, and Asia and Australia in warm reds, oranges, and yellows. The oceans are a light, textured white.

The SECD Journey **Lessons in Mobilizing Research** **into Action**

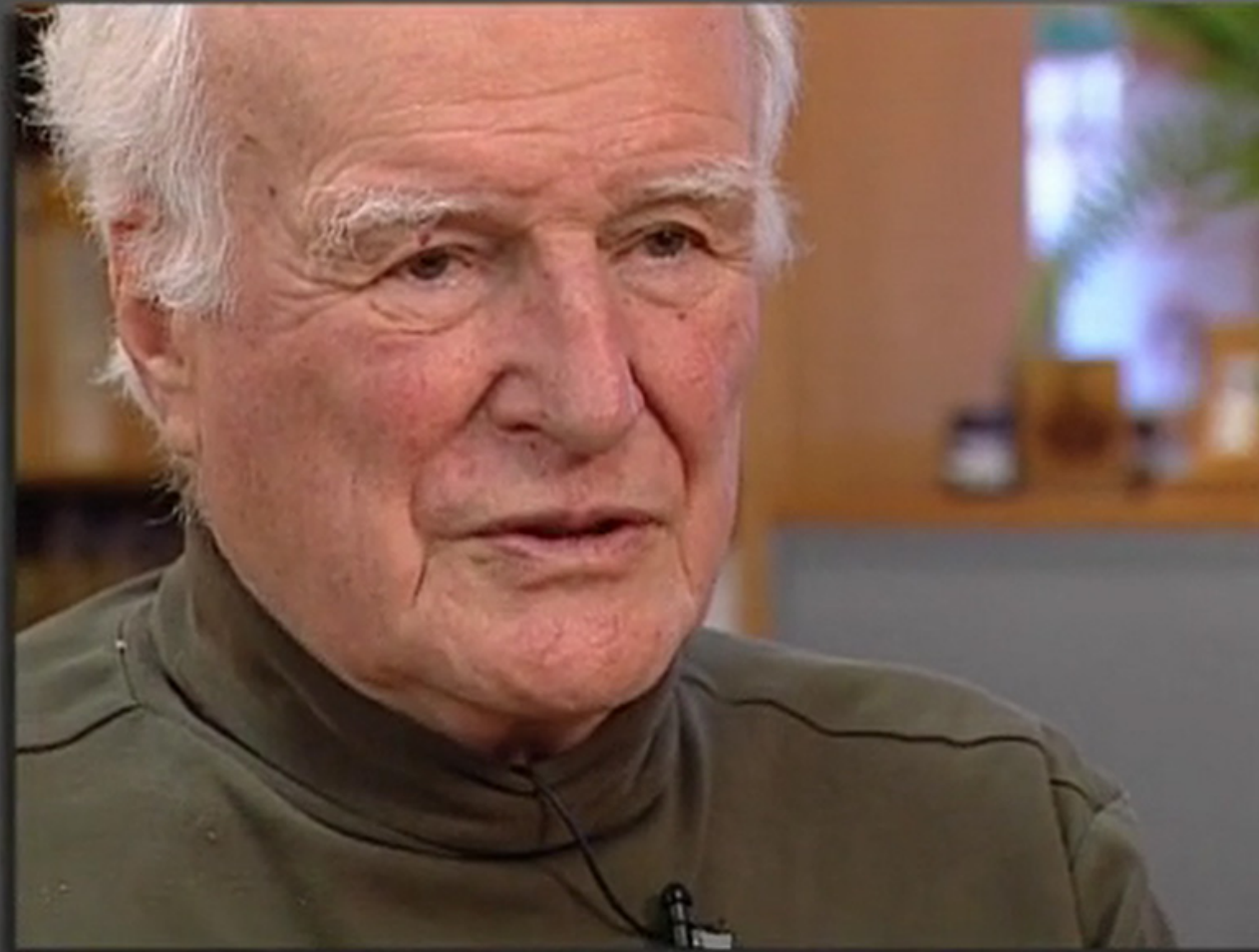
Around the world and back again



Why?

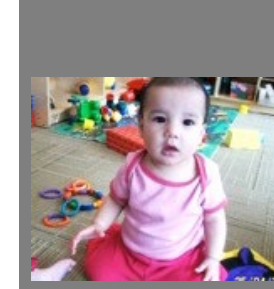
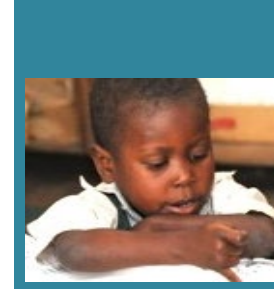
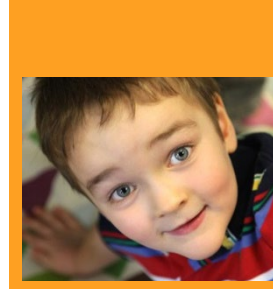
What??

How?????



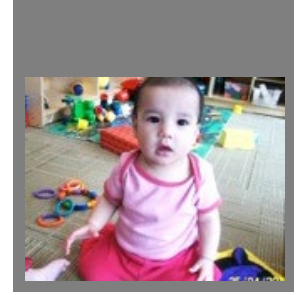
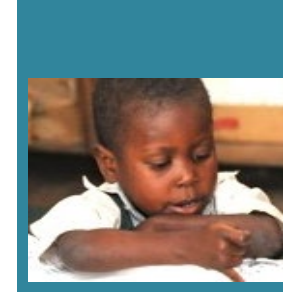
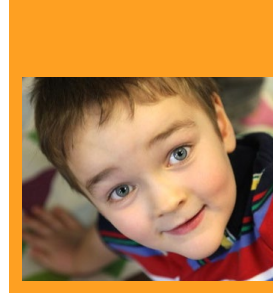
Mustard-
optimizing brain
stimulation

SECD



A knowledge translation and mobilization initiative started at Red River College in partnership with the U of T aimed at making current research available to anyone interested in the profound impact of the early years on lifelong health and well-being.





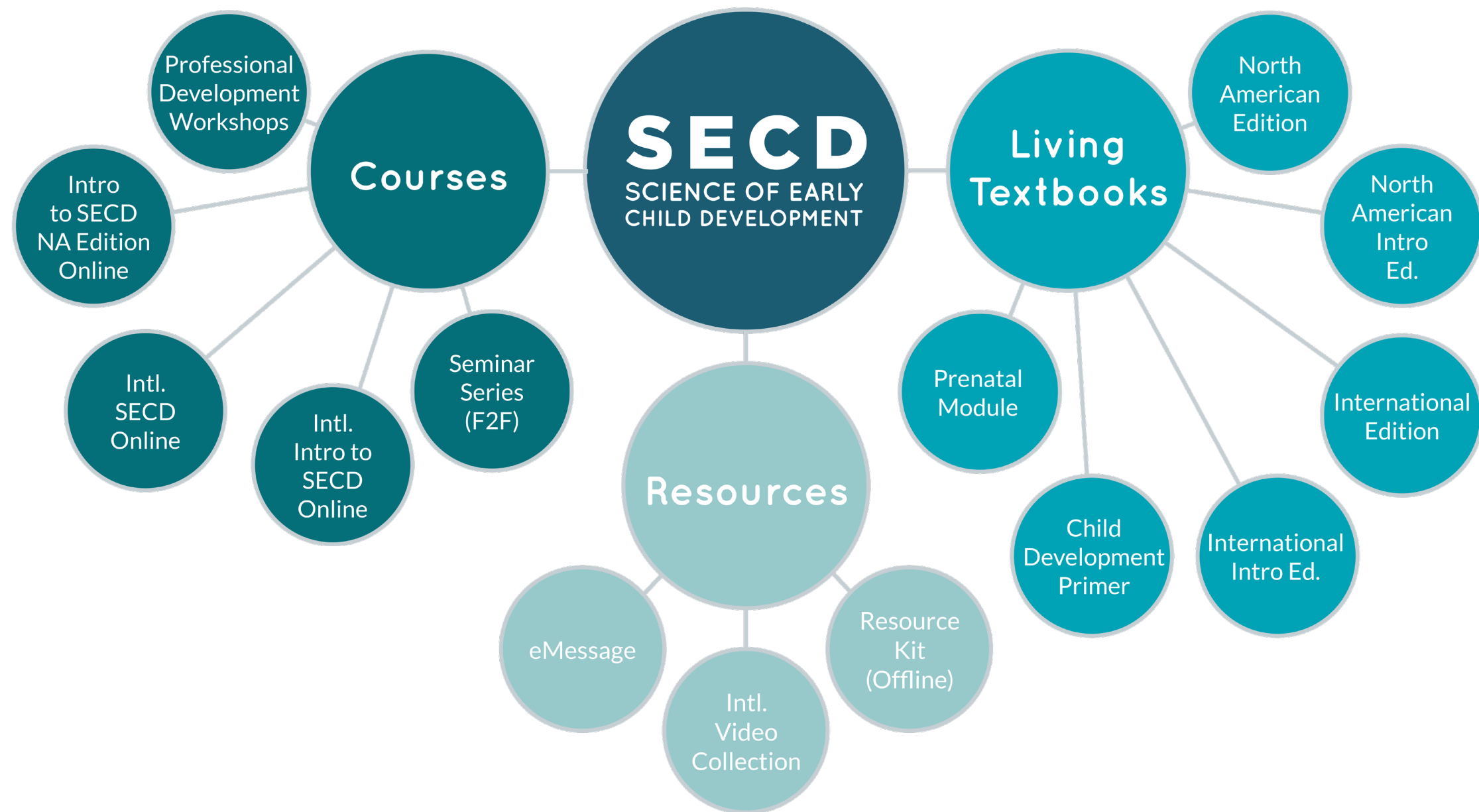
What you need to know about early human development

- Scientific evidence is clear that the period from conception through the first 3 years of life is critically important for development of the brain and other biological systems.
- The quality of a child's environment, the nurturing, and the responsiveness of adults is vitally important for shaping brain architecture setting the foundation for later development and health.

SECD – an introduction



If you have enjoyed this video and would like to learn more about SECD's online living textbooks, [click here.](#)
If you'd like to order an SECD resource, [click here.](#)



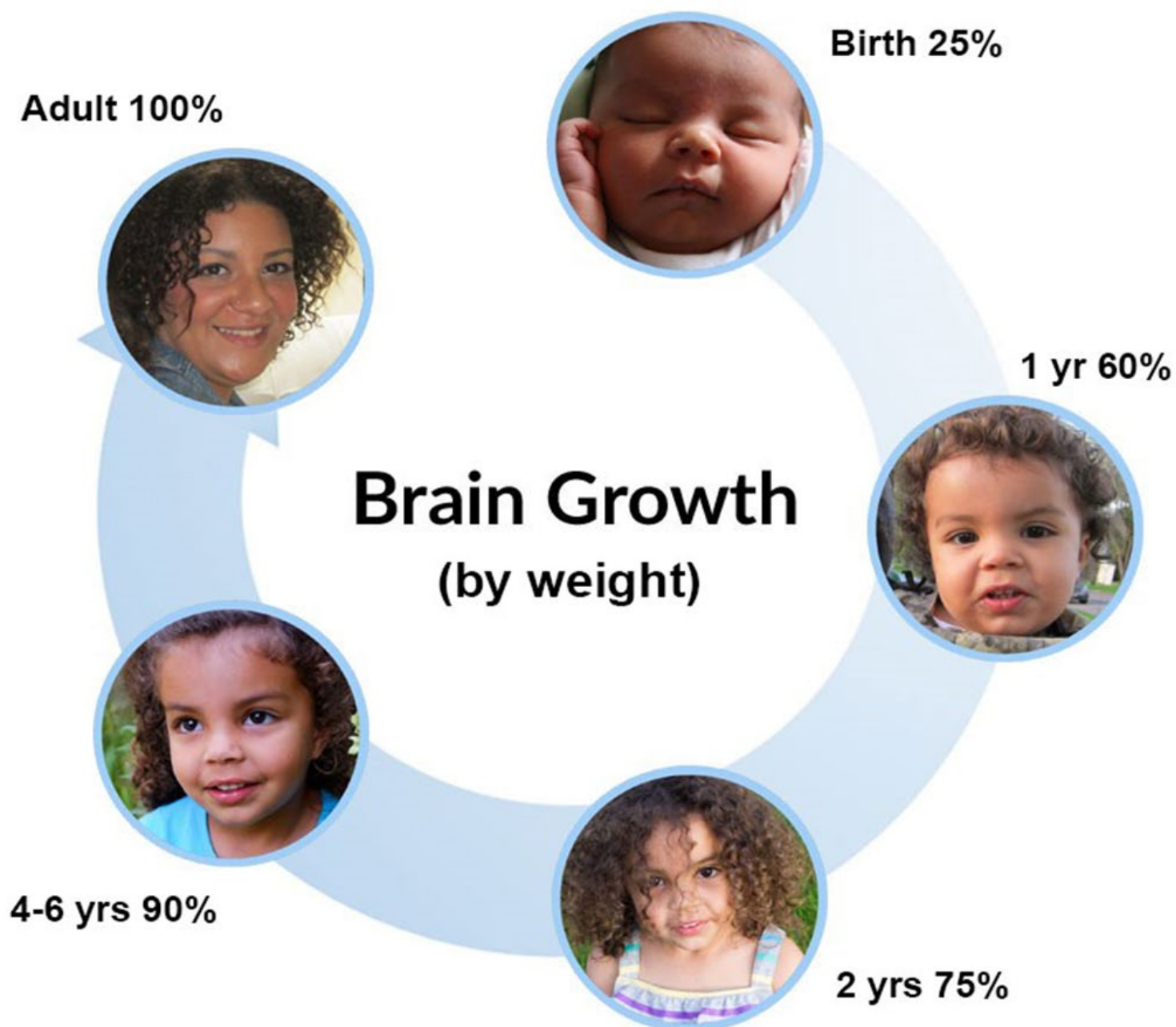


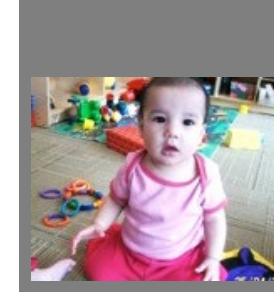
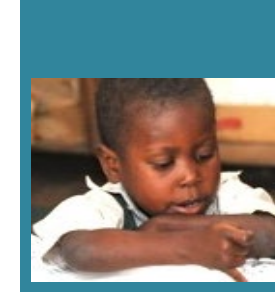
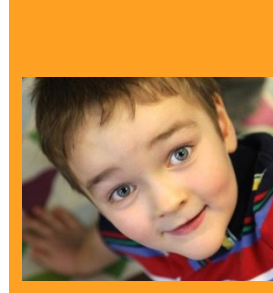
Shanker-
Evolution

SECD



RED RIVER COLLEGE



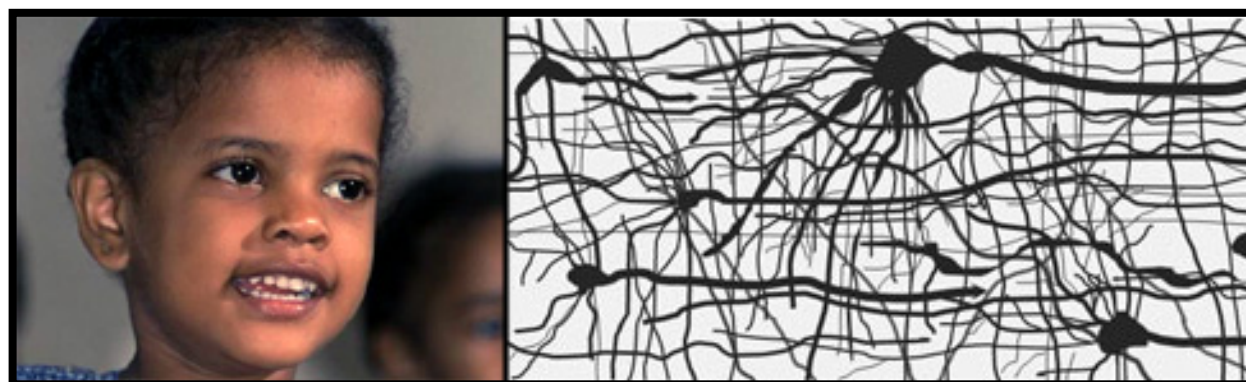


Synaptic density

At birth



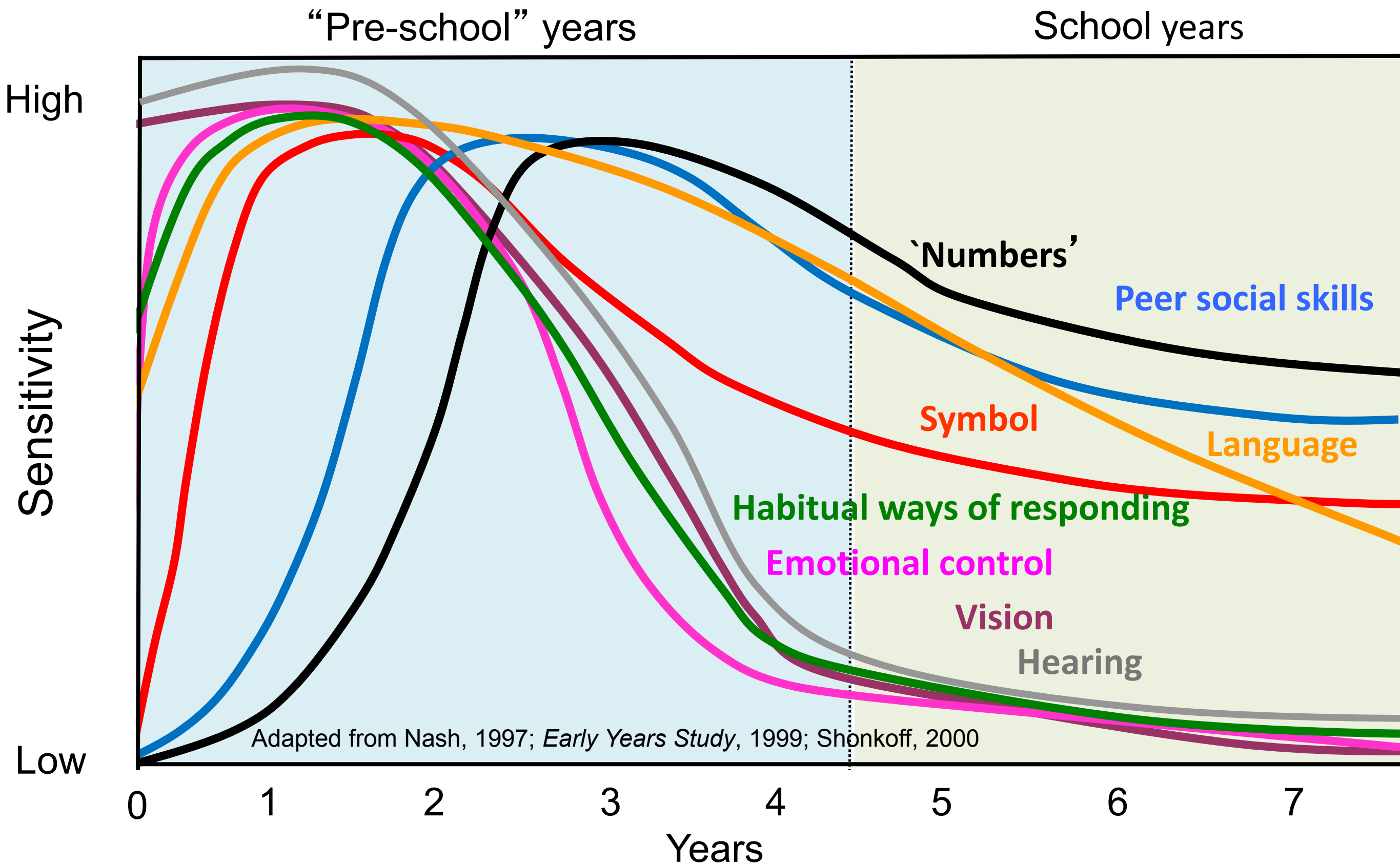
At age six

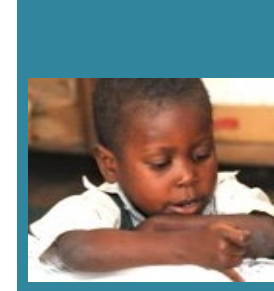
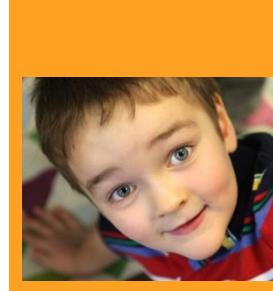


At age fourteen



`Sensitive periods' in early brain development





Peek-a-boo and the brain

Back and forth interactions, in which an adult notices and responds to a child's signals to play, build brain architecture.

The universal game of peek-a-boo is a good example.



A stylized world map in a light tan color is centered on a blue background. The background features a pattern of thin, parallel diagonal lines. A dark horizontal band is positioned across the middle of the map, containing the title text.

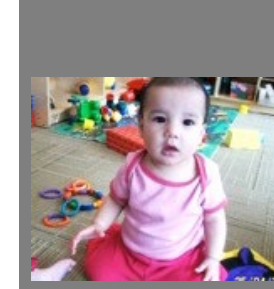
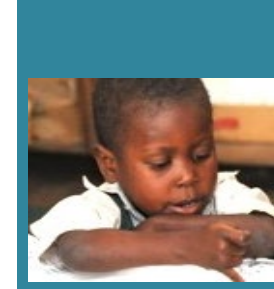
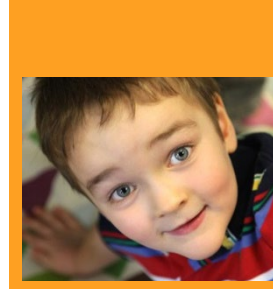
International partnerships

المدينة ايشل مرع برياني

بالله



Our Journey with AKDN



Phase 1 – Build and pilot the International SECD version and course

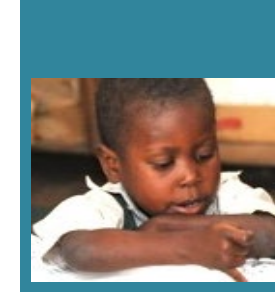
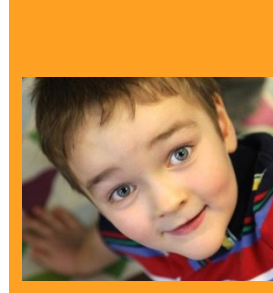


Collaboration

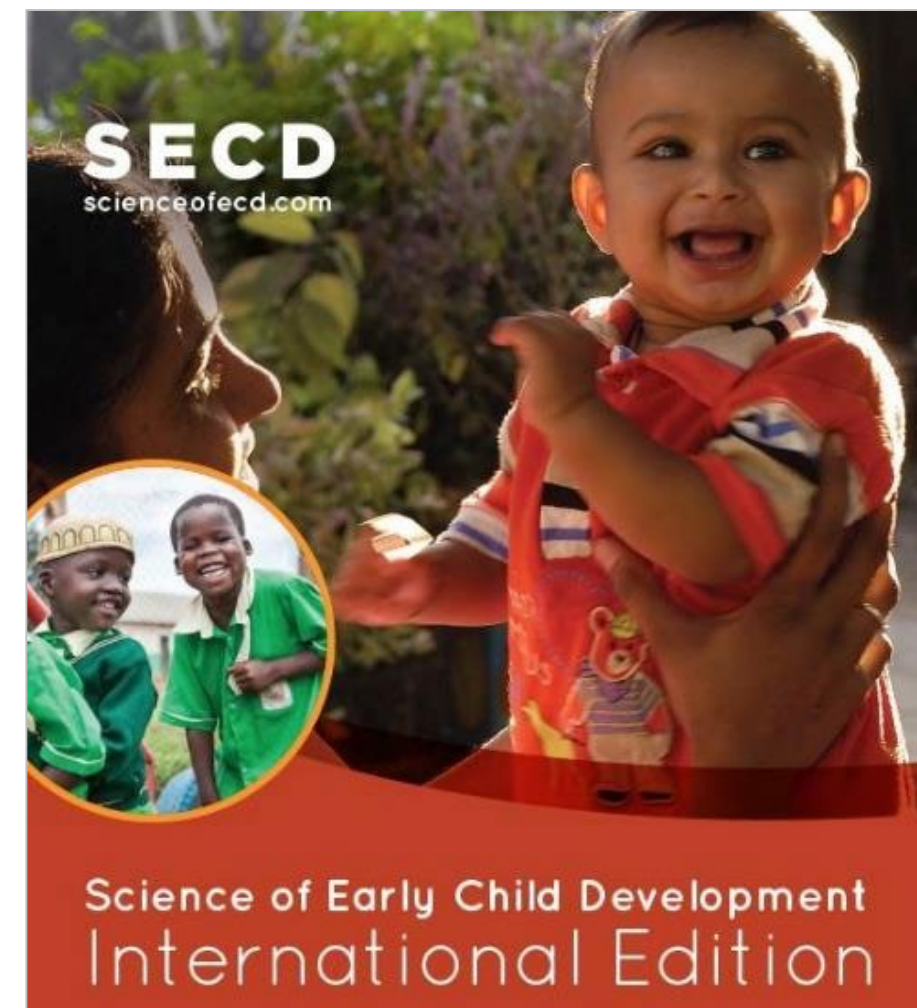
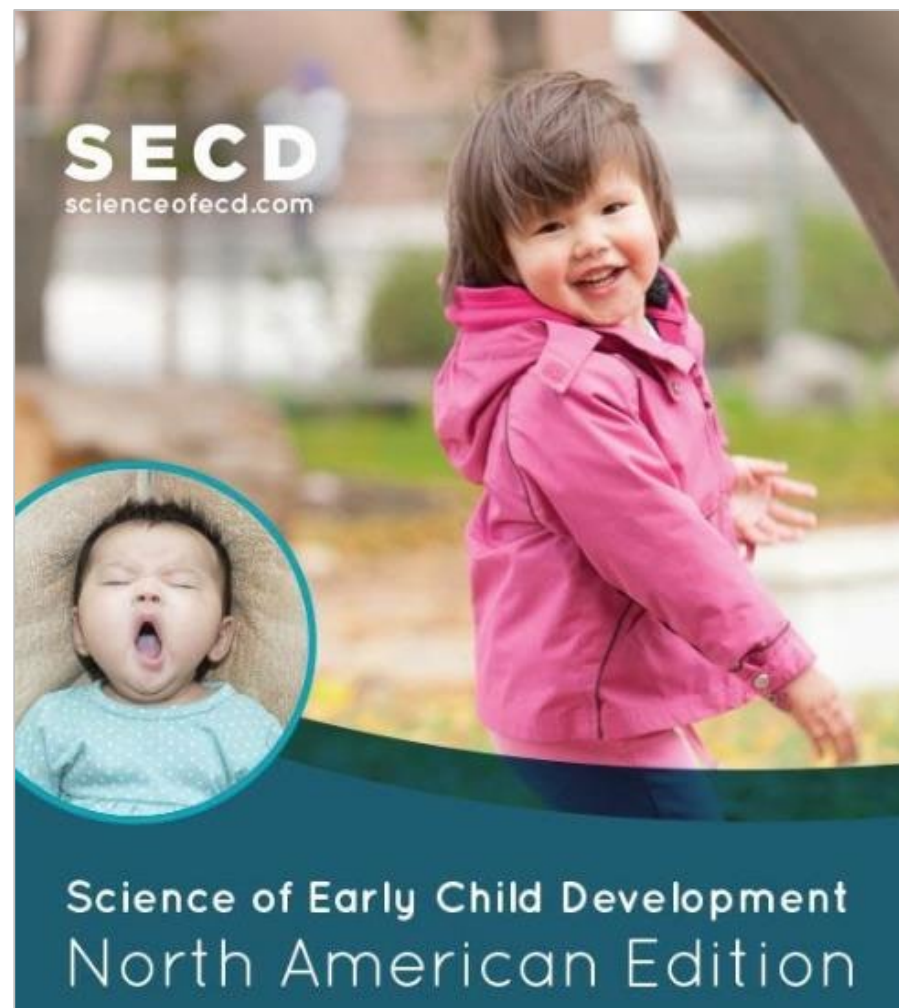
Contextualize

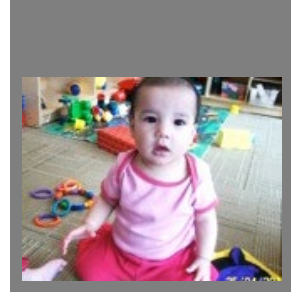
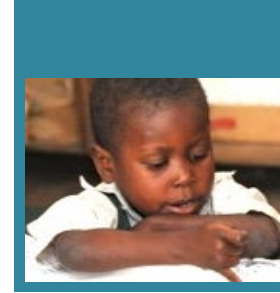
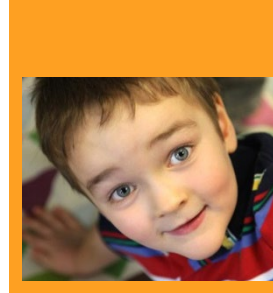
Filming

Instructor
Development



Contextualizing for relevance to the majority world





Into communities and homes



Phase 2



Collaboration

Continued Phase
1 activities

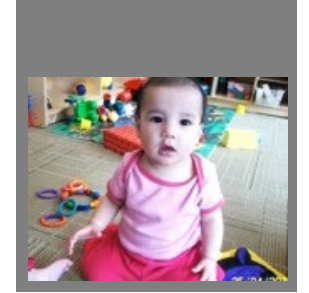
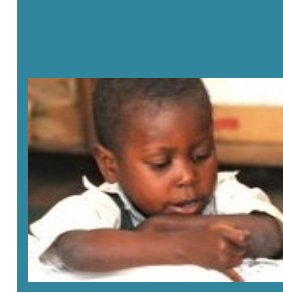
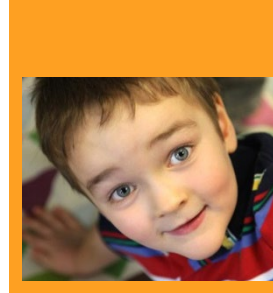
New online &
offline resources

New filming +
overview video

New intro online
course

SECD and MECP





Translations (done or underway)

- Burmese
- Chinese
- Portuguese
- French
- Tajik
- Kiswahili
- Russian
- Arabic
- Myanmar



Global impact

5

Educational resources and accompanying courses

85+

former course participants trained as mentors and instructors

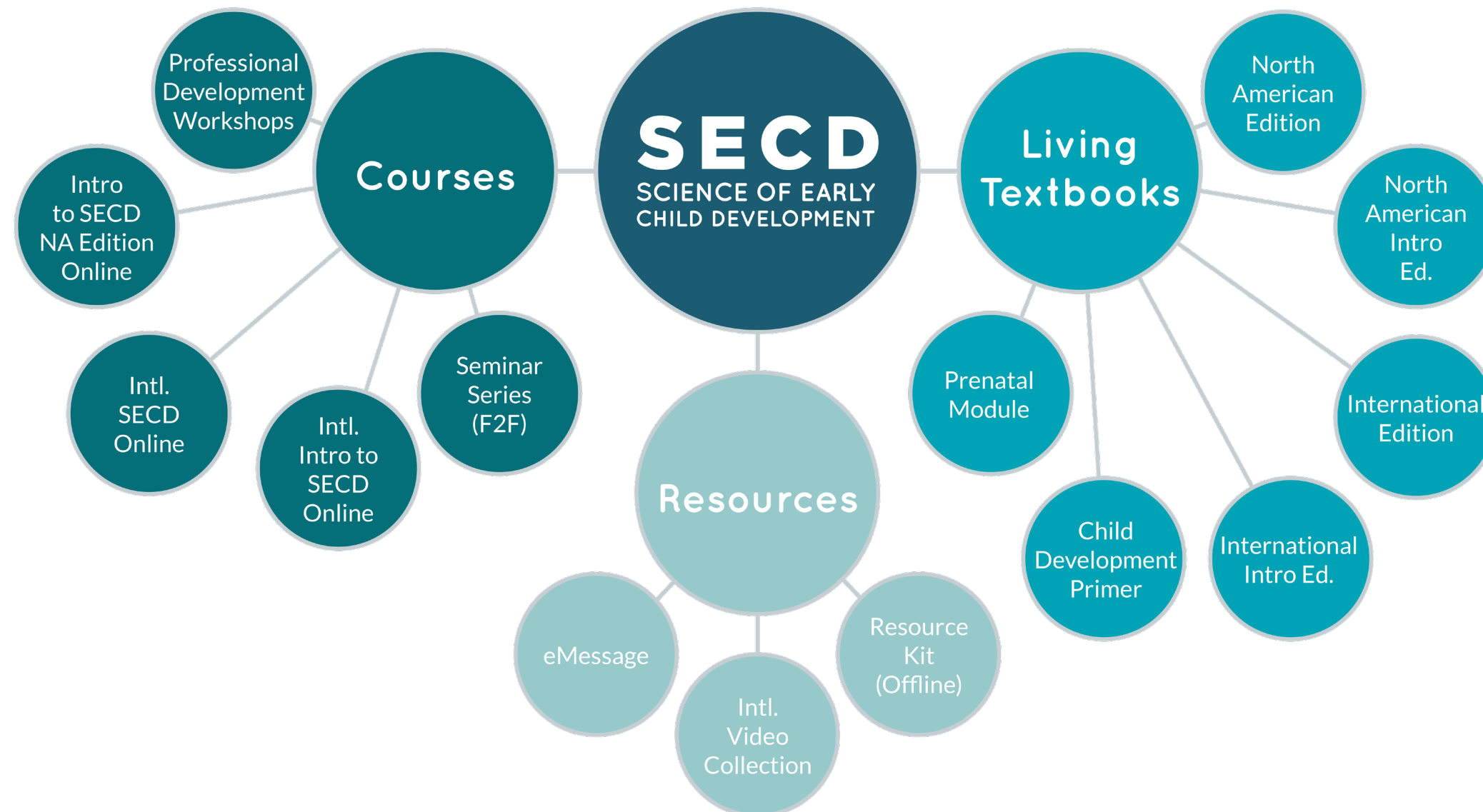
1000+

course participants from 43 countries

6000+

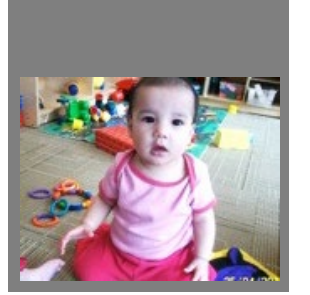
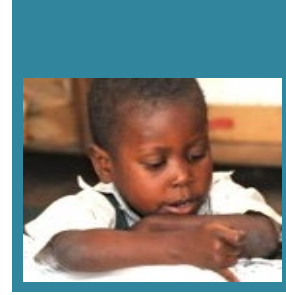
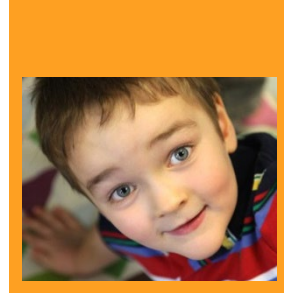
reached globally —from parents and caregivers to educators, health professionals, managers, leaders and policymakers







**Broadening our reach:
Evolution from 2017 to the present**

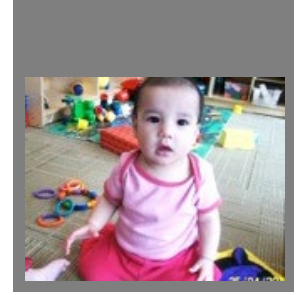
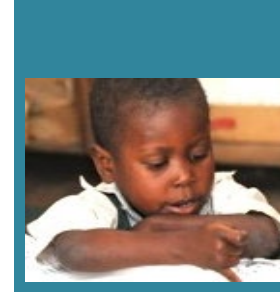
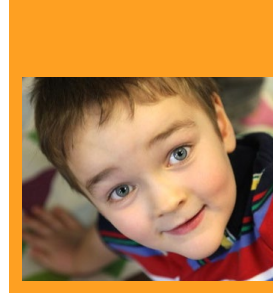


Specialized courses:

- World Forum Foundation – Global Leaders for Young Children
- World Bank – African Early Years Fellowship (AKU-IHD)
- Aga Khan Foundation – Canada
- Yangon University of Education – Myanmar

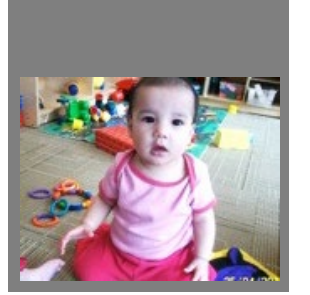
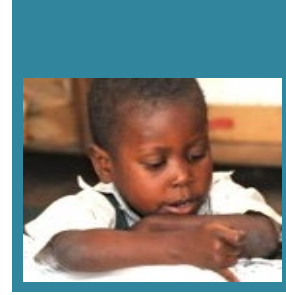
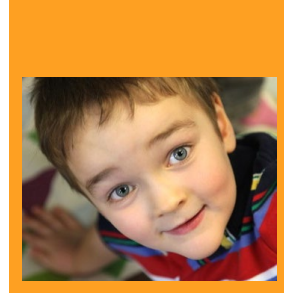
Enhancing interventions:

- UNICEF – China/ China National Children's Center
- China Development Research Foundation
- Crianze Feliz, Brazil



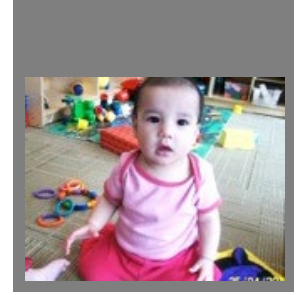
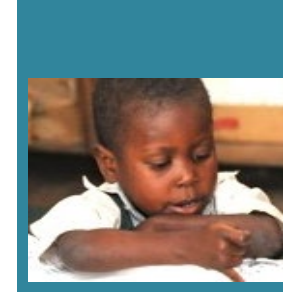
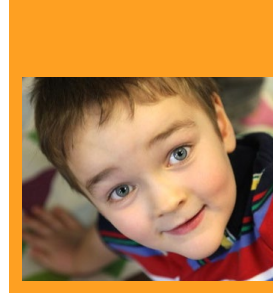
Closer to Home

- The Truth and Reconciliation Commission Recommendation 12
- The Martin Family Foundation Early Years Initiative
- Manitoba First Nations Education Resource Centre
- Indigenous content and involvement



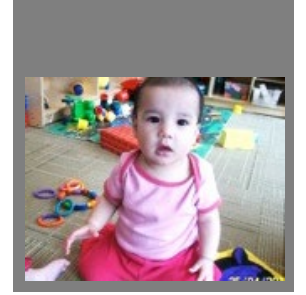
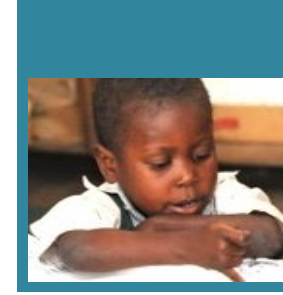
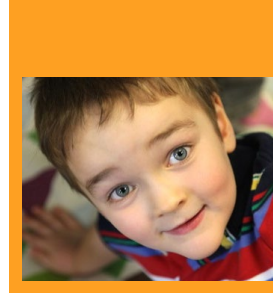
Research Agenda

- Social Services and Humanities Research Council grants:
 - Lord Selkirk Park Abecedarian Project
 - Science to Practice to Play



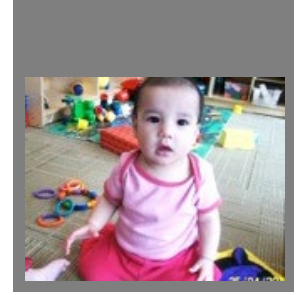
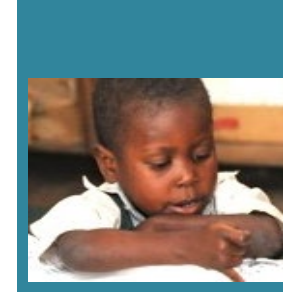
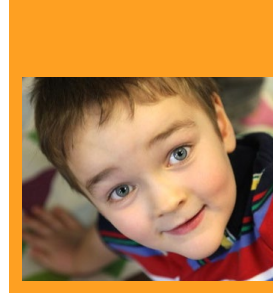
Staying Current – Our Commitment

- “Living textbooks”
- Emerging research
- Emerging policy perspectives
- Tailoring and curating to meet community and organizational needs



Lessons Learned and Learning

- Engage your own content experts and give them freedom to imagine a new way;
- Provide professional development ;
- Reduce or remove other responsibilities;
- Attention to detail...the right video clip, carefully edited can illuminate complex scientific concepts;
- Engage external experts and champions and keep them on board;



Lessons Learned and Learning (cont'd)

- Look for mutual benefits eg researchers have an obligation to mobilize their research;
- International partnerships: Play the “long game” and be willing to compromise for the sake of the longer relationship;
- Establish legal frameworks/contracts etc, but leave some wiggle room for opportunity ;
- Expect and embrace continuous learning.



Open Access

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- bc.scienceofecd.com

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Long Reach of Early Childhood



FOR MORE INFORMATION
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