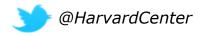


Driving Science-Based Innovation to Achieve Breakthrough Outcomes for Young Children Facing Adversity

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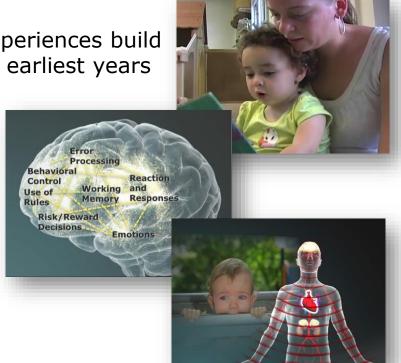
First 1000 Days Kickoff Event Olympia, WA | June 21, 2017



Three Core Scientific Concepts Underscore the Importance of the First 1000 Days

Responsive relationships and positive experiences build strong brain architecture, starting in the earliest years of life.

- Coaching, modeling, and practice support the development of key capabilities that are needed to thrive in school, at work, as a parent, and as a contributing member of a community.
- Significant adversity can disrupt the early development of these capabilities as well as the ability to rely on them later under conditions of duress.



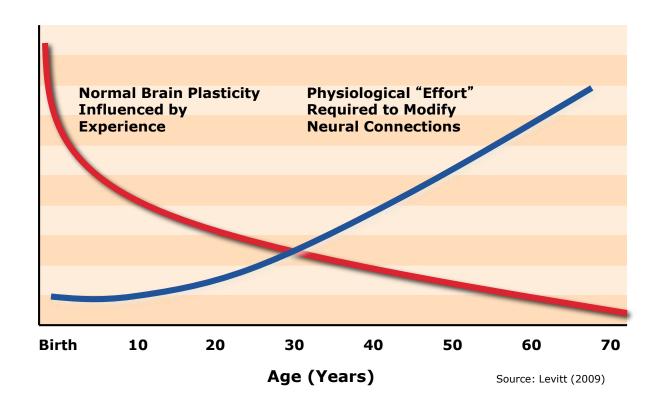
Capabilities that Promote Healthy Development are Built on Foundational Skills in Executive Function and Self-Regulation



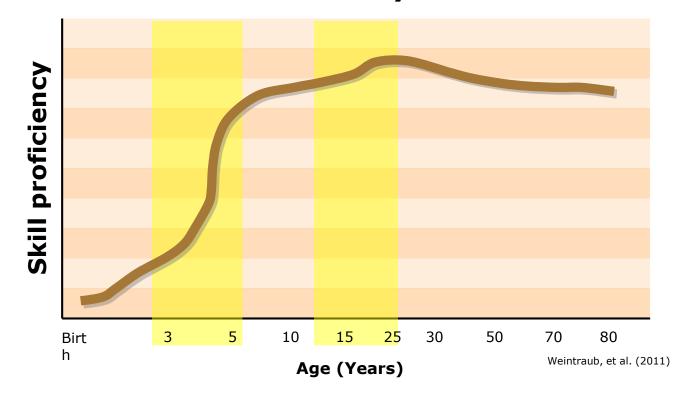
These core dimensions of development include the ability to:

- focus and sustain attention
- set goals, make plans, and monitor actions
- make decisions and solve problems
- follow rules, control impulses, and delay gratification

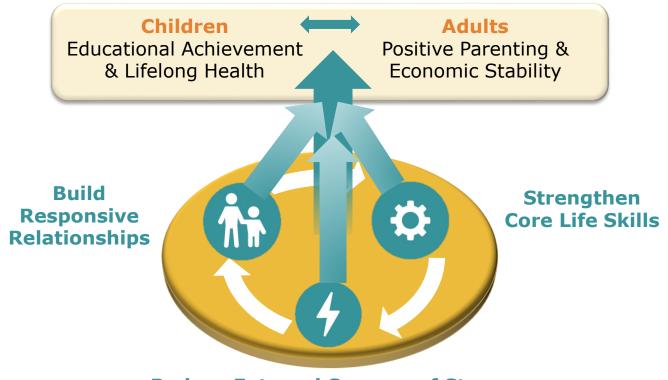
The Challenge: The Ability to Change Brains and Behavior Decreases Over Time



Two Windows for Intervention: The Development of Executive Function Skills Begins in Early Childhood and Extends Into the Early Adult Years



Leveraging Science to Strengthen Current Efforts and Drive Innovation in Policies & Programs



Reduce External Sources of Stress

Why These Three Principles?



For children:

- promotes heathy development of brain architecture, biological stress response, attachment & social-emotional capacities
- provides buffering protection to prevent even very challenging experiences from producing a toxic stress response

For adults:

- provides practical and emotional support
- helps build hope and confidence
- models relationship skills

Why These Three Principles?



For children:

- Support educational & social success
- Resist decisions that risk health

For adults:

- Needed to succeed in the workplace
- Better able to provide responsive care
- Better able to maintain stable home environment

For both:

- Promote agency, belief in self
- Better able to manage stress

Why These Three Principles?



For children:

- Encounter fewer and briefer situations that trigger an extreme stress response
- Directly promotes brain development, health, and well-being

For adults:

- Open up "bandwidth" to promote the healthy development of children
- Enable more effective access and use of core capabilities
- More opportunities for responsive caregiving



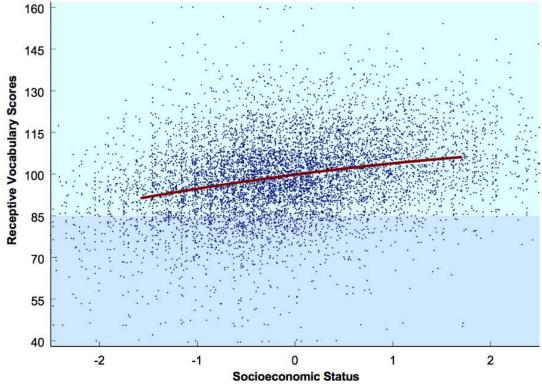
The Time Has Come to Really Find Out What Works — and How, for Whom, and in What Contexts

We rarely know precisely what an "evidence-based" intervention actually does and why or how it changes developmental trajectories.

We know even less about for whom it produces a large effect and for whom it has very little or no impact.

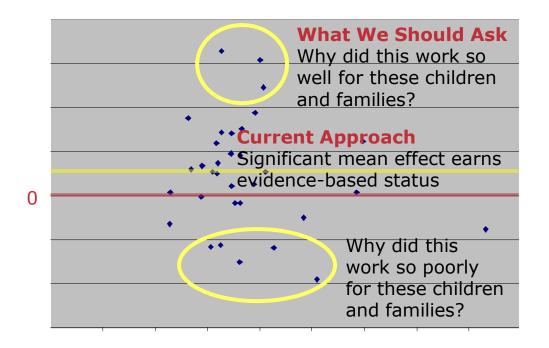
It's time to shift from a 20th century agenda focused on proof of concept and returns on investment to a 21st century quest for larger impacts at scale.

Understanding Human Variability is Essential for Developing and Implementing More Effective Policies and Programs

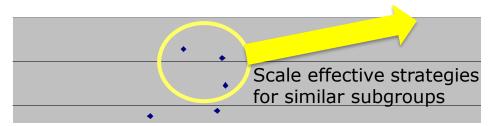


Source: NLSCY, Cycle 4 (2000-01)

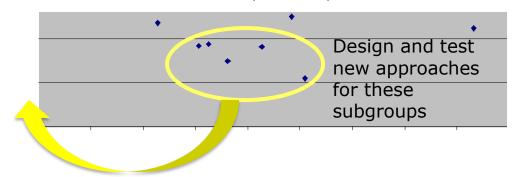
Achieving Greater Impact at Scale Requires Rethinking the Criteria for Defining Evidence-Based Investments



Achieving Greater Impact at Scale Requires Rethinking the Criteria for Defining Evidence-Based Investments



Build a suite of programs and policies **across sectors** that matches different strategies to different resources, needs, and outcomes



Lessons We've Learned Over the Past Five Years

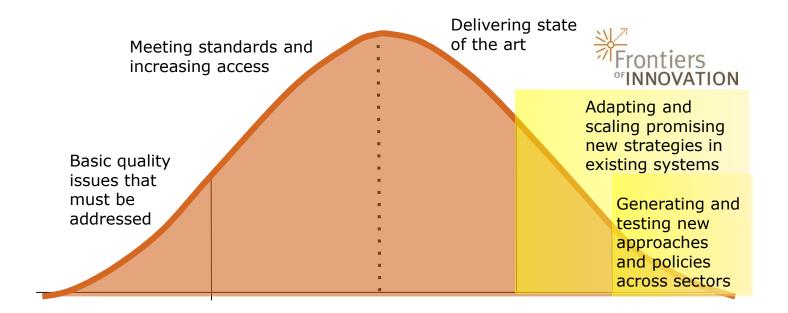
Identifying specific challenges or unmet needs

Balancing **rigorous criteria and flexibility** for design, testing, and evaluation

Activating untapped energy across sectors, agencies, and systems – and emphasizing the importance of risk taking and learning from failure

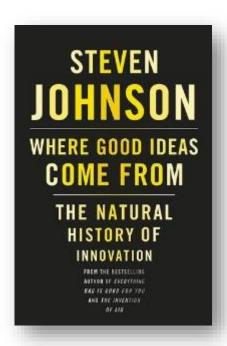
Recognizing the **challenge of building adult capabilities** in early childhood settings

Greater Impacts in Contexts or Systems that Intersect with Early Childhood Require a Full Spectrum of Engagement



(Adapted from Everett Rogers, Diffusion of Innovations, 2003)

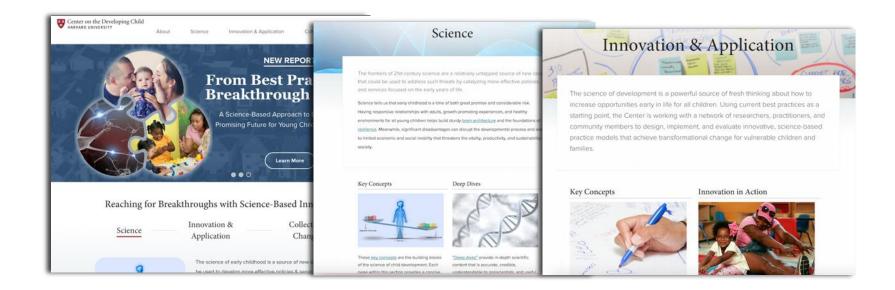
The Fundamental Importance of Strategic Collaboration and the Benefits of Productive Collisions



"Encouragement does not necessarily lead to creativity. Collisions do—the collisions that happen when different fields of expertise converge in some shared physical or intellectual space. That's where the true sparks fly."



Center on the Developing Child HARVARD UNIVERSITY



www.developingchild.harvard.edu

