



**The Scale-up Effect in Early Childhood and Public Policy:
Why interventions lose impact at scale and what we can do about it**

Table of Contents

Chapter	Title	Author(s)
1	Failed to Scale: Embracing the Challenge of Scaling in Early Childhood	Snigdha Gupta, Lauren Supplee, Dana Suskind, John List
Section 1. The Science of Early Childhood and Complexities of Scaling		
2	Early Childhood: The Opportunity to Untap Human Potential	Kimberly G. Noble
3	How Cognitive Biases Can Undermine Program Scale-Up Decisions	Susan Mayer, Rohen Shah, and Ariel Kalil
4	How a Behavioral Economic Framework Can Support Scaling of Early Childhood Interventions	Lisa Gennetian
5	The Economics of Child Development with an Application to Home Visiting at Scale	James J. Heckman, Bei Liu, and Jin Zhou
Section 2. The Scale-up Effect: Understanding the Threats to Scalability		
	Case Study: What Happened When One Successful, High-Impact Experiment Was Scaled to Larger Populations	
6	The Science of Using Science: A New Framework for Understanding the Threats to Scaling Evidence-Based Policies	Omar Al-Ubaydli, Min Sok Lee, John A. List, and Dana Suskind
7	When is Evidence Actionable? Assessing Whether a Program is Ready to Scale	John PA Ioannidis, Zacharias Maniadis and Fabio Tufano
8	Studying Properties of the Population: Designing Studies that Mirror Real World Scenarios	Jonathan Davis, Jonathan Guryan, Kelly Hallberg, Jens Ludwig
9	Fidelity and Properties of the Situation: Challenges and Recommendations	EB Caron, Kristin Bernard, and Allison Metz
10	Unintended Consequences: Spillover and General Equilibrium Effects	Fatemeh Momeni and Daniel Tannenbaum
11	70 to 700 to 70,000: Lessons from the Jamaica Experiment	M. Caridad Araujo, Marta Rubio-Codina, and Norbert Schady
	Commentary: Real-world Application and Understanding of these Threats	Sophia Pappas

12	A Research Agenda Built for Scale	A. Mushfiq Mobarak and C. Austin Davis
Section 3. Charting a Path Forward		
13	Designing Programs with an Eye Toward Scaling	Aaron R. Lyon
14	Accounting for Differences in Population: Predicting Intervention Impact at Scale	Elizabeth A. Stuart
15	Sustaining Impact after Scaling Using Data and Continuous Feedback	David A. Chambers, Wynne E. Norton
16	Measurement Built for Scale: Designing and Using Measures of Intervention and Outcome that Facilitate Scaling Up	Scott McConnell and Howard Goldstein
	Commentary: The Challenge of Measuring Costs at Scale	Meryl Yoches Barofksy, Rachel, Herzfeldt-Kamprath and Kyle Peplinski
17	Enabling Contexts to Support Scale-Up: Lessons from Early Head Start- Child Care Partnerships	Melissa Lim Brodowski and Sandy Naoom
18	Embedding Workforce Development into Scaled Innovations to Prevent Declines in Administration Quality	Debra Pacchiano, Maia Connors, Rebecca Klein, and Kelly Woodlock
19	Forging Collaborations for Scale: Catalyzing Partnerships Among Policymakers, Practitioners, Researchers, Funders, and Evidence to Policy Organizations	Samantha Carter, Iqbal Dhaliwal, Samantha Friedlander, and Claire Walsh
20	Process to Identify Effective Policies to Strengthen the Prenatal-to-Three System of Care	Cynthia Osborne
21	Building Political Will	Mary Young and Osmar Terra