

A Life Course Framework for Improving the Lives of Disadvantaged Populations

Arnold Chandler | Forward Change



About Forward Change

Forward Change is a mission-driven consulting firm that seeks to improve the life outcomes and opportunities for children, young adults and families living in low-income disadvantaged communities.

We do this by helping foundations, governments and community organizations adopt social change strategies that match the best that <u>research</u> has to offer with the <u>on-the-ground leadership in communities</u>.



1. Why we should focus on (Gender) Boys and Men of Color (BMOC)?: A Gender-Specific Cycle of Intergenerational Disadvantage

2. A Life Course Framework for Improving the Lives of Disadvantaged Populations: Interrupting the Cycle

3. Mapping an Intervention Pipeline from Cradle to Career



Things to keep in mind about gender disparities.

1. Girls doing better doesn't mean they're doing well

2. The lives of males and females are inextricably intertwined

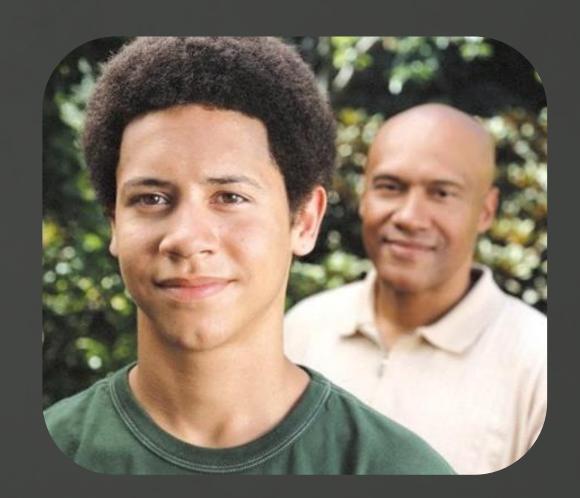
3. Disadvantage operates in gender-specific ways

Why Focus on (Gender) Boys and Men of Color?



Why Focus on Gender and Race?

- **Gross disparities in particular negative** outcomes: Violence victimization and offending, crime and incarceration.
- Males of color are showing negative or stagnant trends in key opportunity outcomes relative to females: Employment and Earnings, High school graduation, college enrollment and completion
- A vicious cycle of intergenerational male disadvantage: Disadvantaged families are disproportionately more damaging to male educational outcomes than females.



Declining Employment and Earnings



Demand-Side Shifts in Employment



Declining Employment and Earnings **Technological Change**

Off-shoring of middle-skill jobs and import competition (China)

Decline in Unions

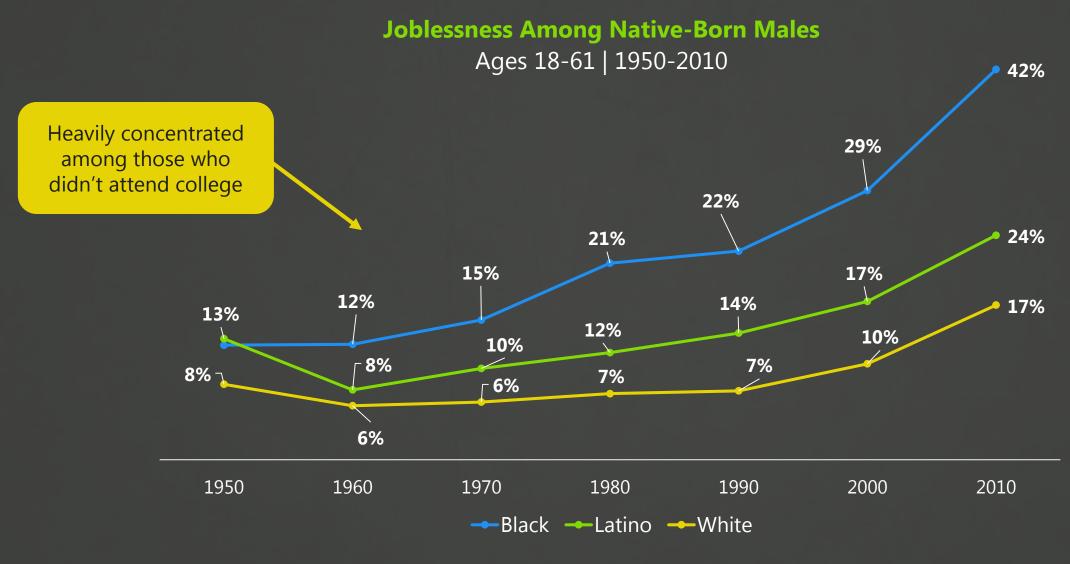
Suburbanization of low-skilled jobs ("spatial mismatch")

Legal discrimination against felons

Illegal Employment Discrimination in Low-Wage Jobs



Declining Male Employment

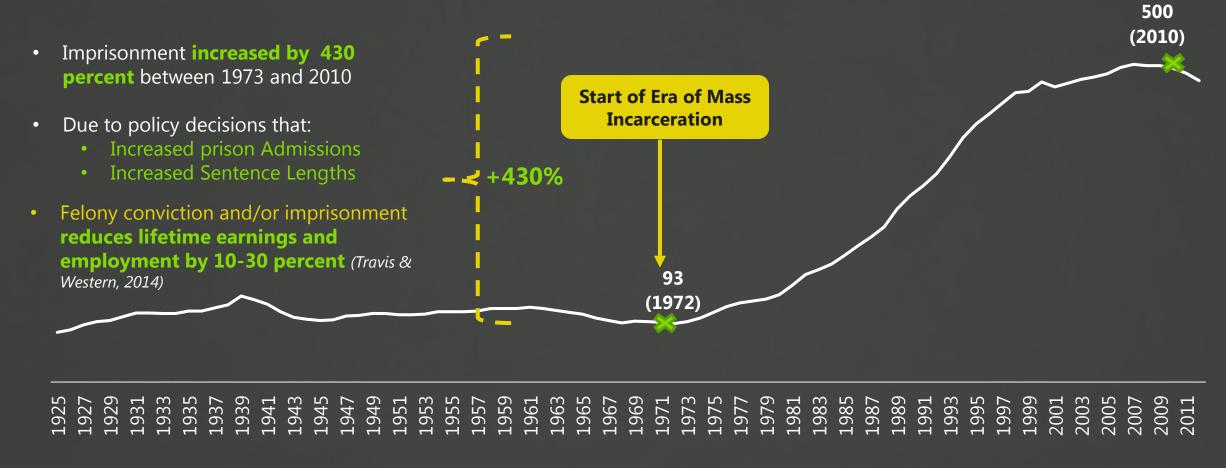


Mass Incarceration and Declining Employment and Earnings

Historical Incarceration Rates (1925-2012)

2.3 million in prisons or jails (2012) BJS

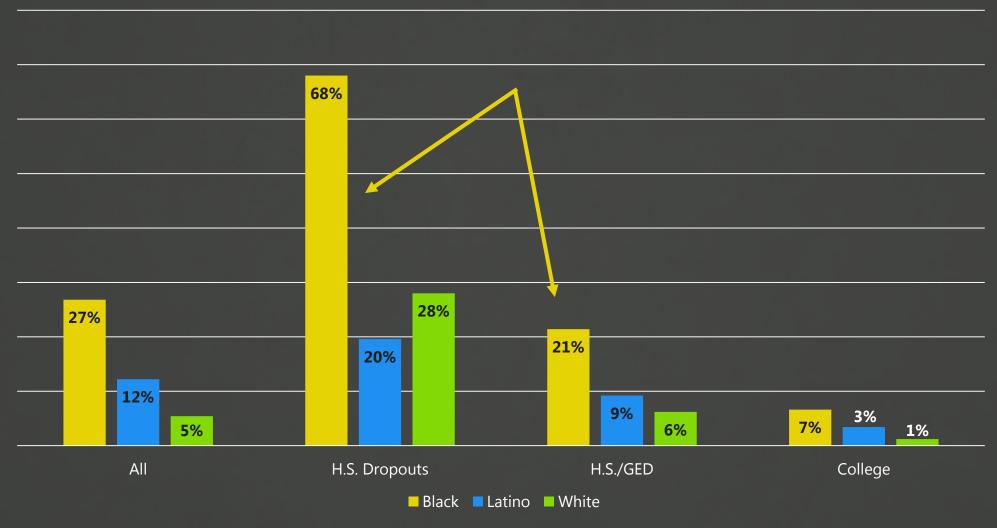
(State and Federal Prisoners per 100K Population)



—Incarceration Rate

Lifetime Risk of Imprisonment by Age 35 for Males in 2010

(by Education Level)



Rise of Disadvantaged Families

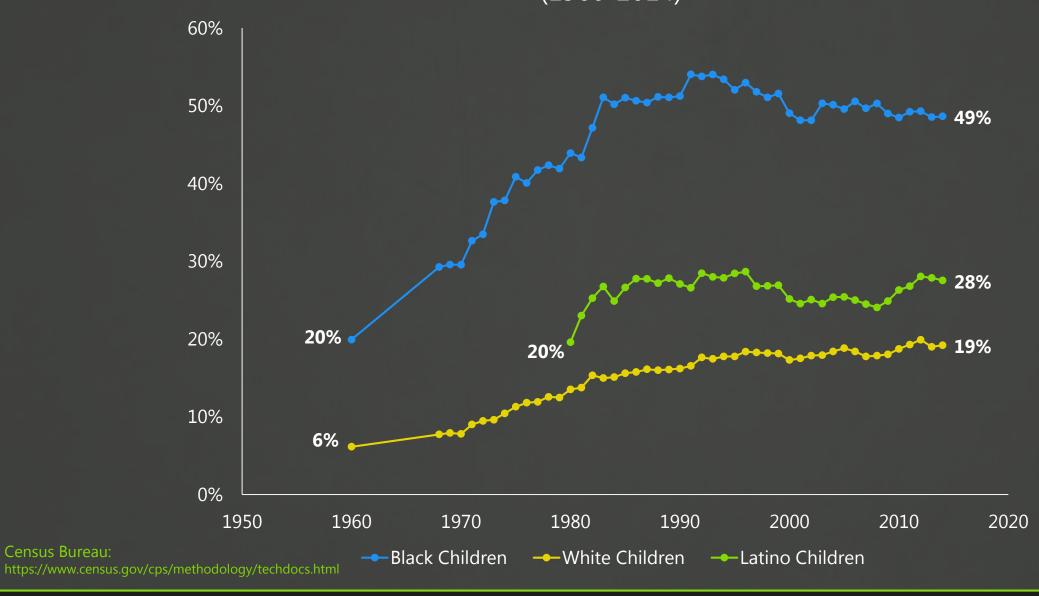


Rise of Single Parent Families

- The decline in "working class" family in America and the class divide in family formation led by broad economic changes and buttressed by cultural changes (Cherlin, 2014)
- Decline of "marriageable males" and imbalanced sex ratios (83 black men for every 100 black women) (Wilson, 1996, Wolfers et al. 2015)
- Incarceration reduces male parental involvement post-release (Travis and Western, 2014)



Percentage of Children Living in Single Parent Families (1960-2014)



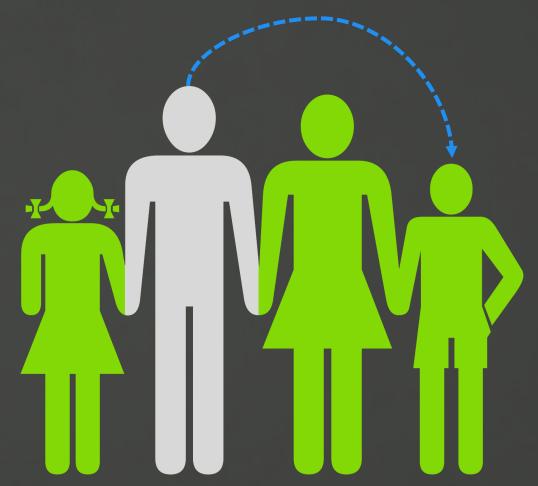


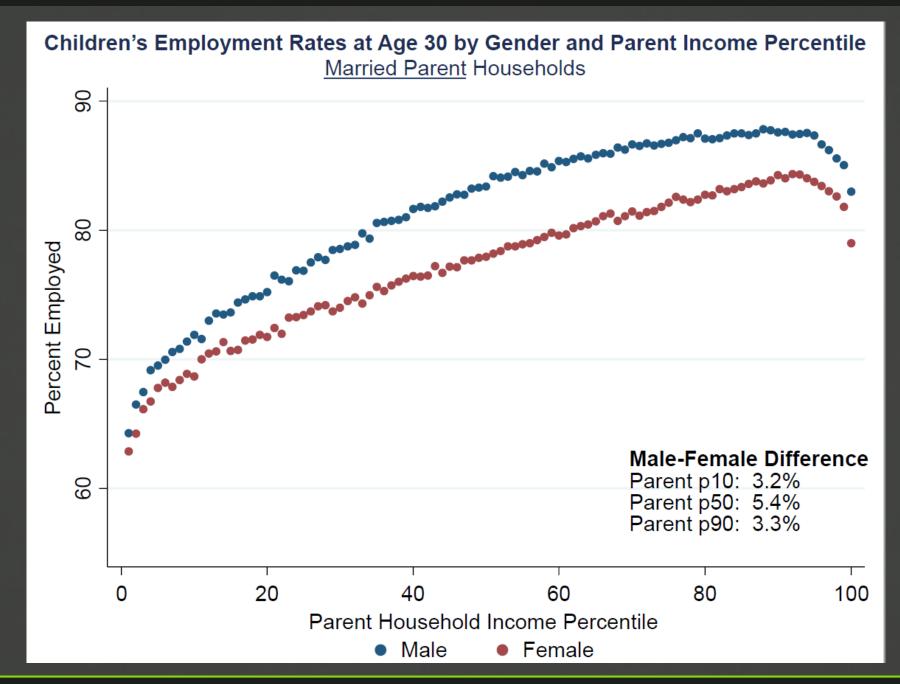


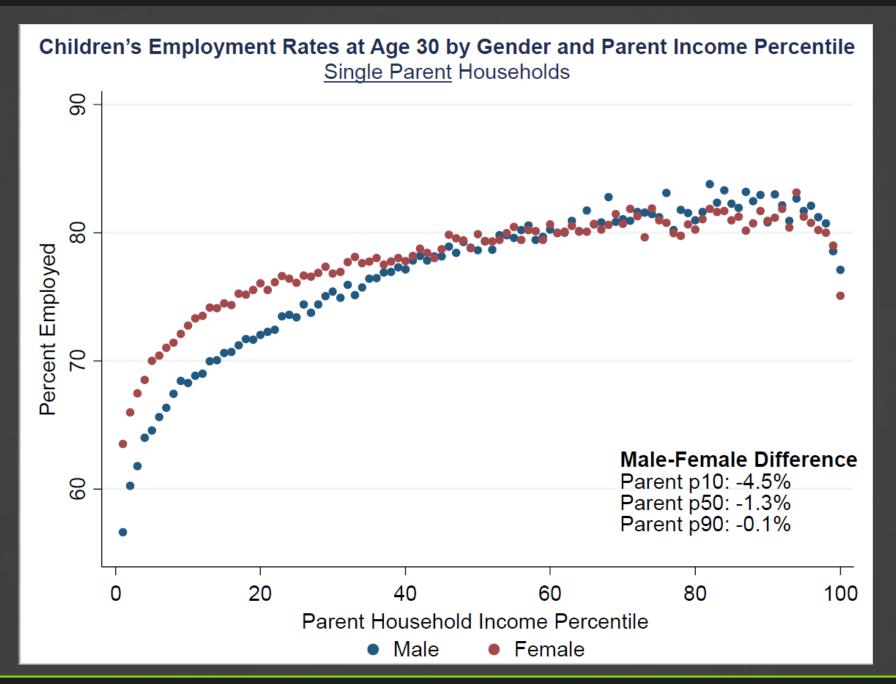
Gender-Specific Effects of **Family Disadvantage** on Educational & Employment Outcomes

Growing up in a single-parent family:

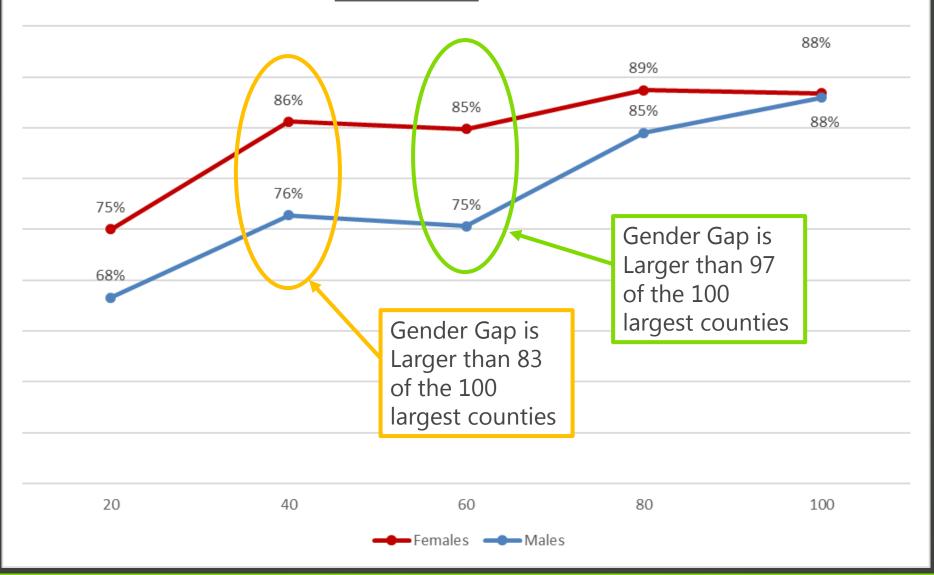
- Reduces college attendance for boys, but not for girls (Jacob, 2002)
- Increases juvenile delinquency among boys, but not girls (Cobb-Clark, 2011)
- Increases behavior problems significantly more among boys than girls (Bertrand and Pan, 2011)
- Causes behavioral and academic outcomes between boys and girls to substantially diverge starting in Kindergarten: Based on a sample of 1 million Florida kids (Autor, 2015)
- Causes a reversal of gender gap in the likelihood that males will work compared to girls. Boys raised in single parent families work less than girls as adults: Based on a U.S. sample of 10 million children. (Chetty, 2016)



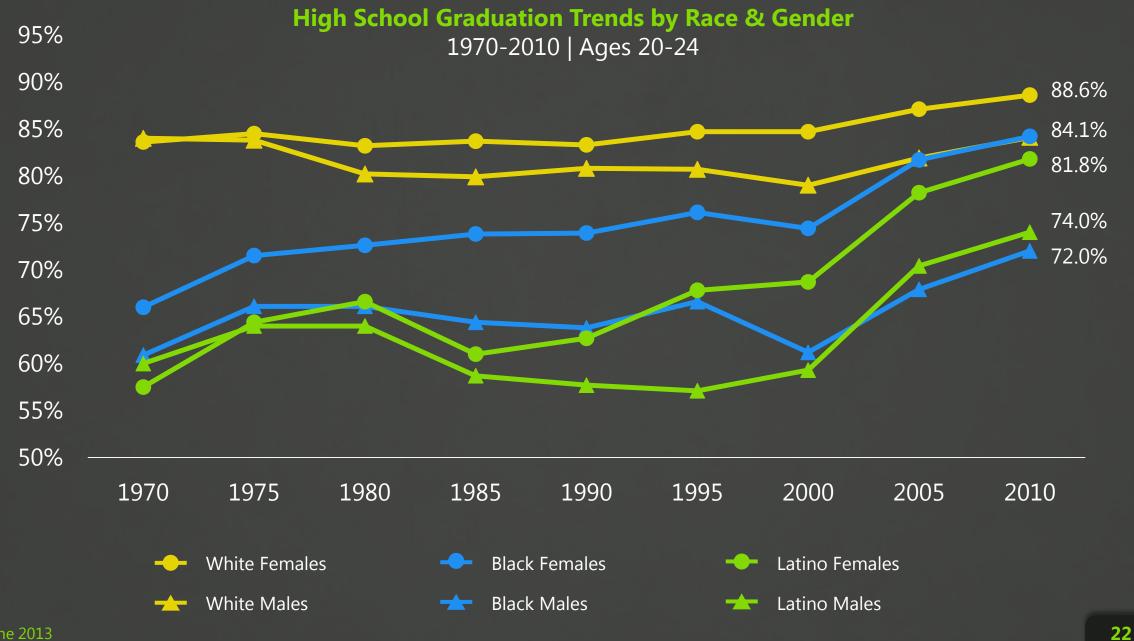




HARTFORD: Children's Employment Rates at Age 30 by Gender and Parent Income Percentile Single Parent Households



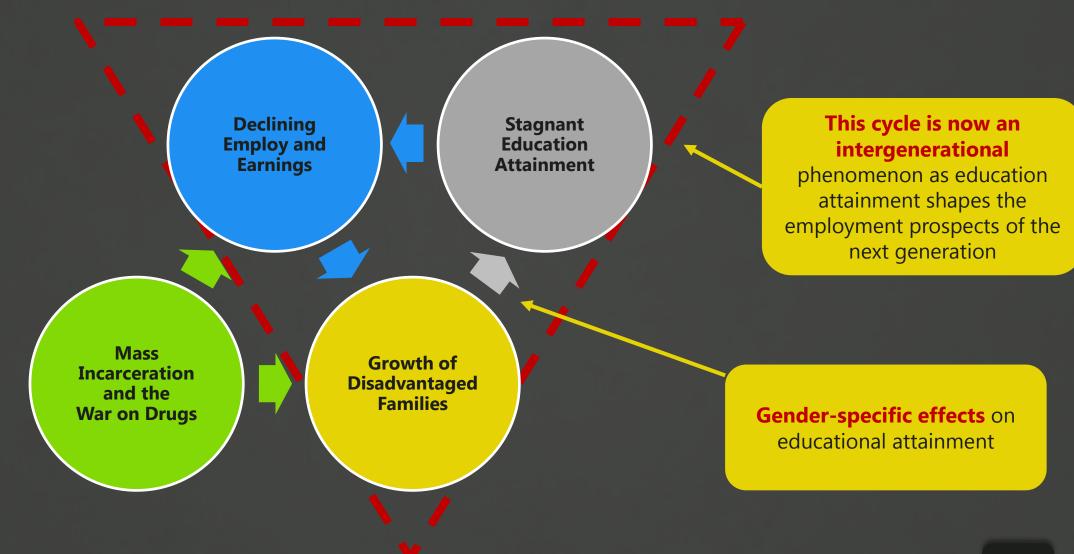
Stagnant Male Educational Attainment



A Vicious Cycle of Intergenerational Male Disadvantage

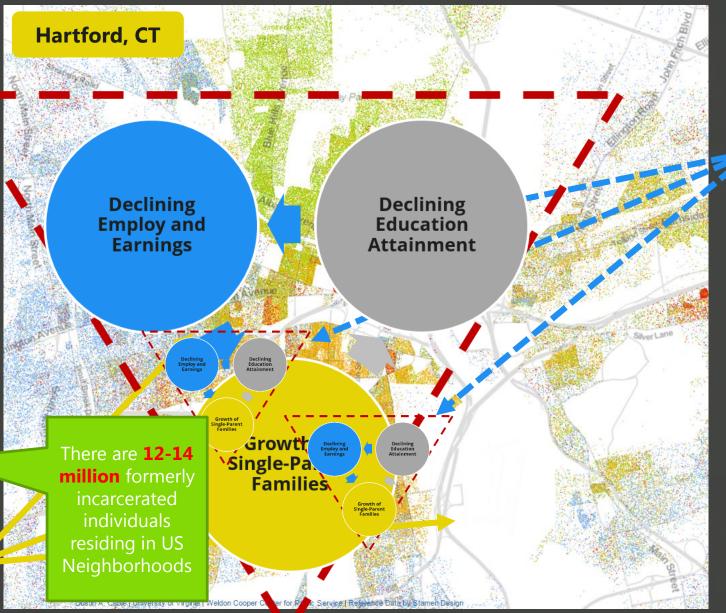


A Vicious Cycle of Male Intergenerational Disadvantage



- Poor neighborhoods are over-policed through aggressive drug enforcement and order-maintenance policing and under-protected from violence due to reduced "police legitimacy" and police effectiveness with regard to violent crime
- Mass incarceration is also concentrated (Clear, 2007)

Mass
Criminalization
(War on Drugs and
Incarceration)



Rise of concentrated disadvantage

- The rise of concentrated poverty and jobless ghettos since the early 1970s (Wilson, 1996)
- Concentration of negative factors associated with poverty like crime, violence, poor school quality, drugs, disinvestment (Massey, 2007)

A Life Course Framework for Improving the Lives of Disadvantaged Populations: Interrupting the Cycle



Overview of Framework Components

Ecological and course outcomes: **Contextual** Families **Factors** Neighborhoods Schools **Public Systems Dimensions of Life Course** Human **Outcomes Development**

Environmental and experiential factors that interactively shape both human development and life

The institutional/competency milestones ("credentials") that are tied to specific age spans:

- School readiness
- **High School Graduation**
- Incarceration
- Stable Full-Time **Employment**
- Homelessness

What we start with (i.e. genetics) and what develops over people's lives

- Physical Health
- Cognitive development
- Mental Health
- Socioemotional Skills

Dimensions of Human Development

visual-auditory dev, morbidity, physical frailty, brain development, biological embedding of social adversity and toxic substance exposures: chronic adversity, allostatic load/toxic stress, environmental toxin exposure (e.g. air pollution, lead poisoning, etc.), epigenetics, basal cortisol levels, addition

Cognitive Development: intelligence, information processing, language, numeracy, literacy, executive functions (e.g. memory, attention, reasoning, problem solving), mathematical reasoning, scientific thinking, verbal and written communication skills

Mental Health and Sense of Well-Being: secure attachment, trauma, happiness/contentment, hope, self-esteem/mastery, stigma stress, mood disorders, schizophrenia, PTSD, psychosis, addiction

Socioemotional Development: Emotion and behavior regulation; autonomy; determination; self-monitoring/meta-cognition



Declarative and Procedural Content and
 Cultural Knowledge: Declarative, procedural and evaluative content and cultural knowledge.

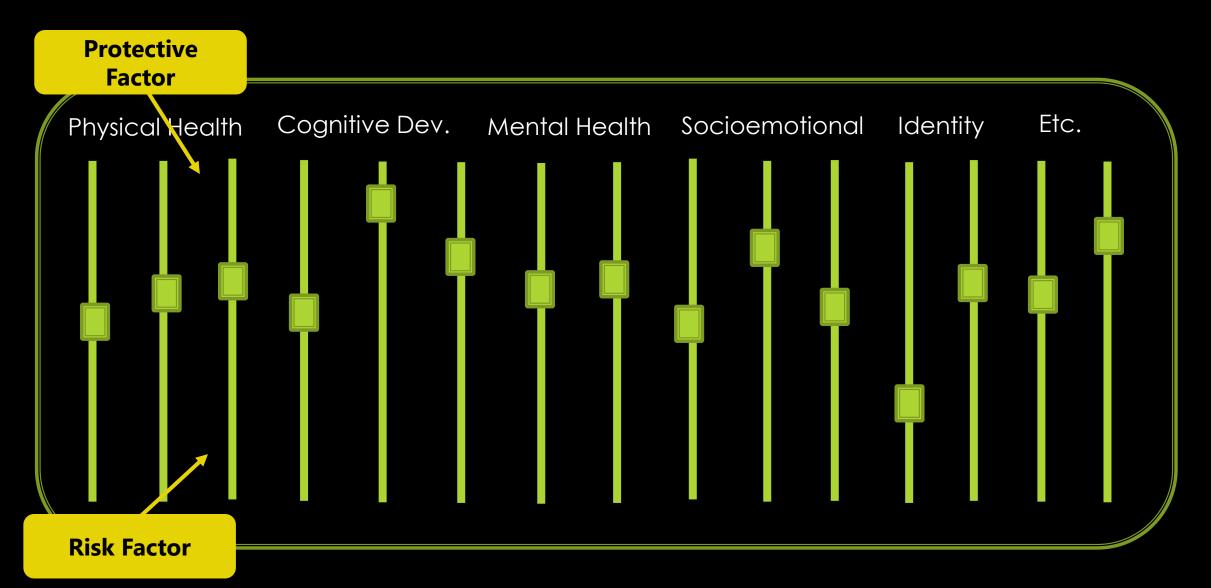
Meaning-Making/Spiritual Development:

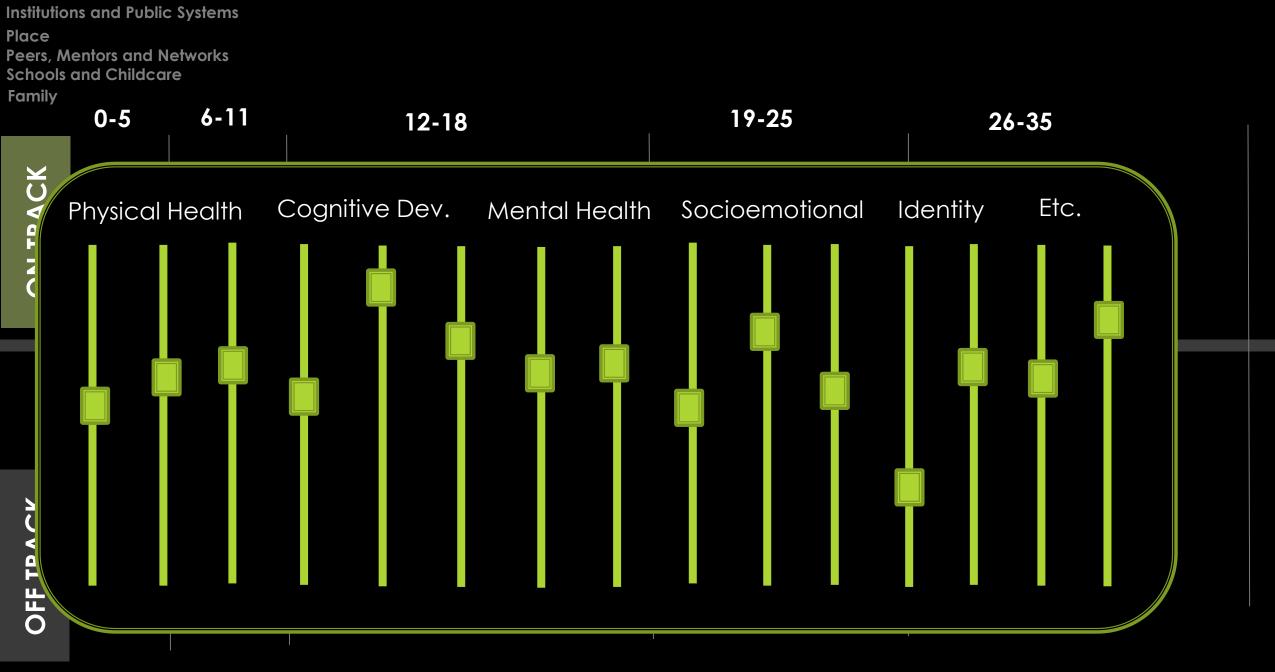
Global and Situational Meaning (e.g. "The Meaning-Making Model") including beliefs, goals, subjective sense of meaning; sense of "life's purpose"; spiritual development and practice and/or religious affiliation and practice

Moral Development: conscience and moral agency, moral judgment, moral reasoning, altruism, empathy, moral action/behavior (Prosocial behavior), moral emotion, moral character (i.e. virtue, ethics)

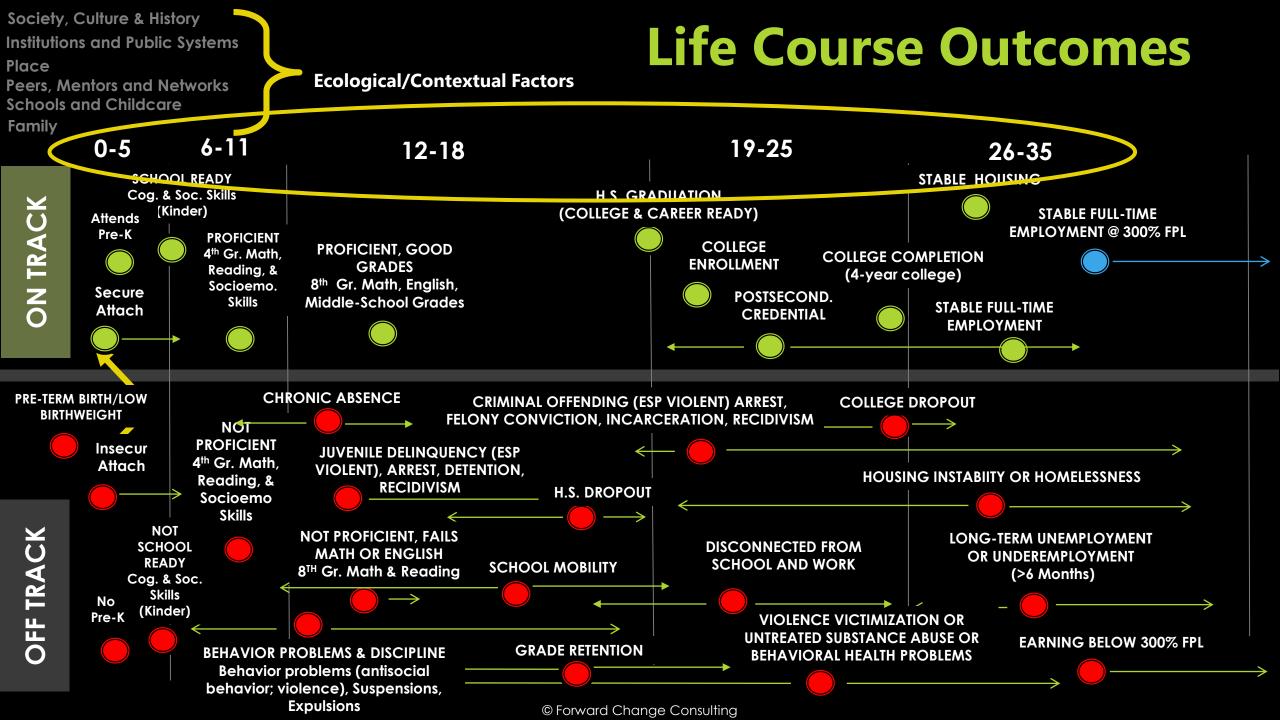


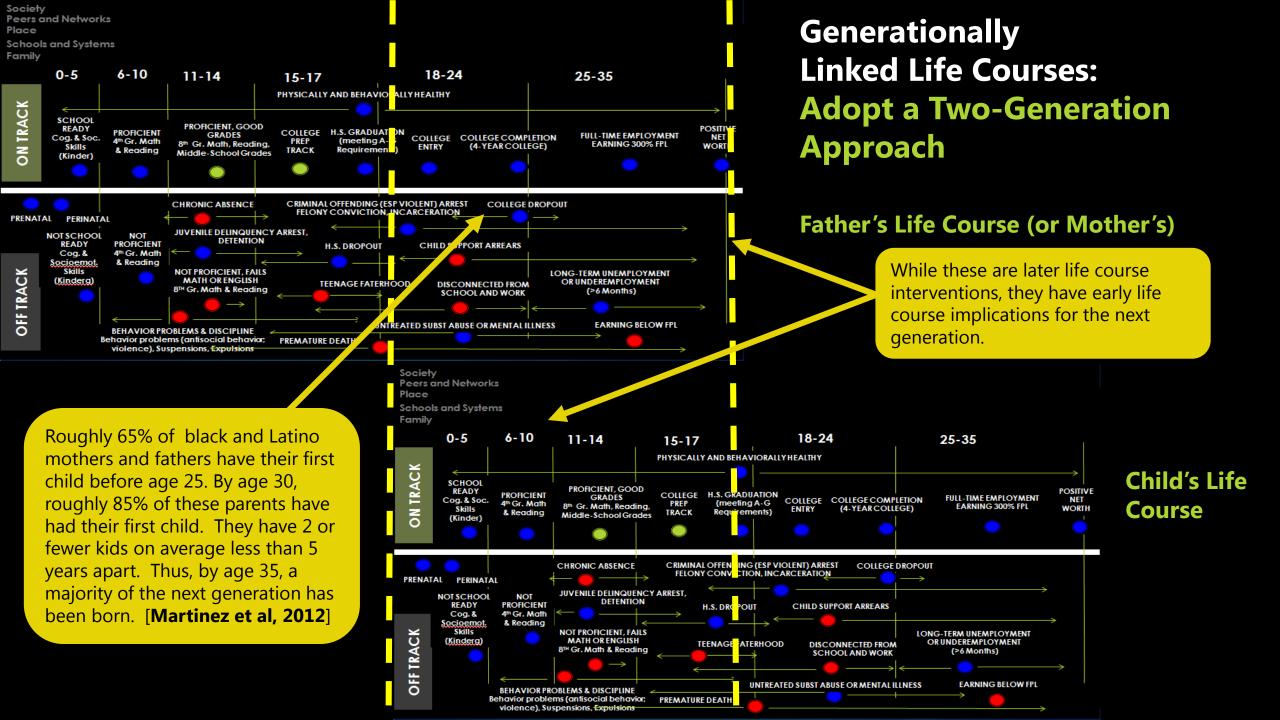
Dimensions of Human Development



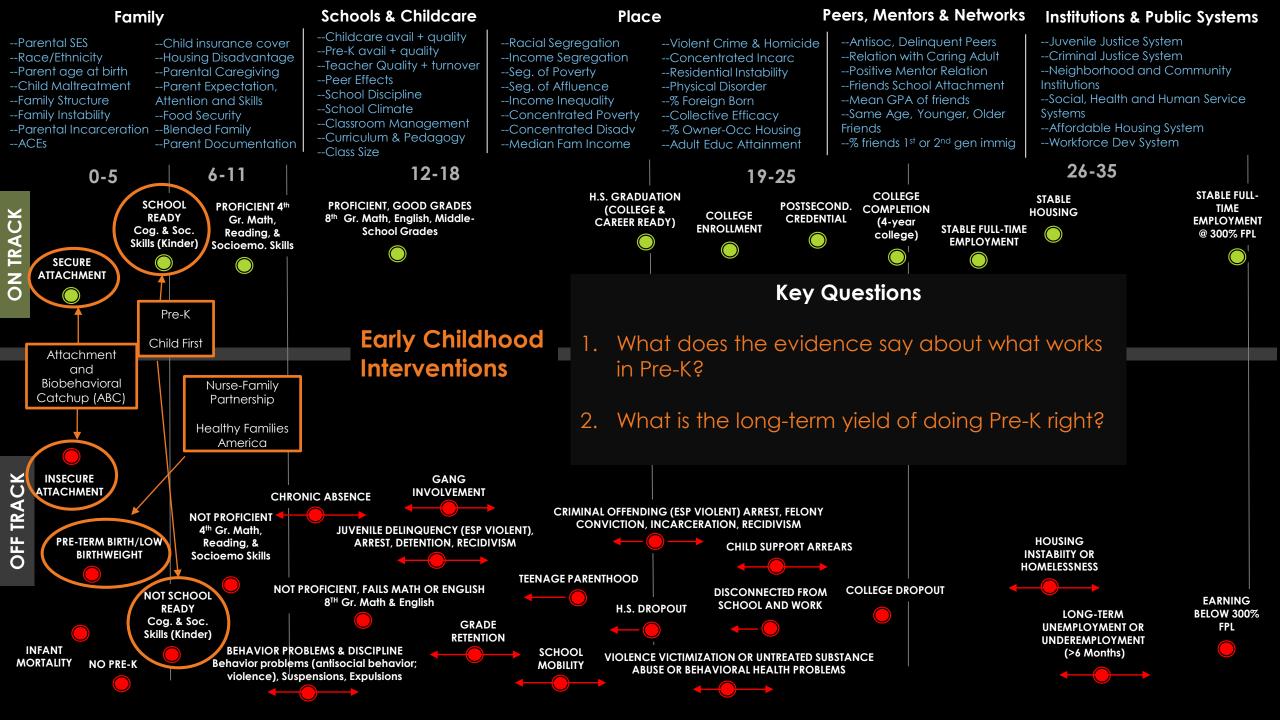


Society, Culture & History





Mapping a Cradle-to-Career Intervention Pipeline





What does the evidence say about what works in Pre-K?

The Current State of Scientific Knowledge on Pre-Kindergarten Effects (April, 2017) offers a consensus statement by leading early childhood researchers published by Brookings and the Duke Center for Family and Child Policy

Top 10 Findings:

- 1. The evidence on the effectiveness of pre-K for improving <u>math and reading skills</u> is <u>strong and consistent</u>
- 2. The evidence on effectiveness of pre-K for improving socioemotional skills is <u>neither</u> <u>strong nor consistent</u>
- 3. Most studies of pre-k effects do not follow studies for very long. Those that do, find that pre-k effects <u>fade out</u> between the beginning of kindergarten and the end of 3rd grade



What does the evidence say about what works in Pre-K?

- Top 10 Findings Cont...
 - 4. <u>Math and literacy focused curricula</u> are much more effective at improving math and reading skills than are <u>whole-child curricula</u> (e.g. The Creative Curriculum, High Scope, Montessori). In fact, school- or center-developed curricula are often as effective as these popular whole-child curricula.
 - 4. The strongest curricula for enhancing socioemotional skills is Preschool Paths
 - 6. The deployment of curricula that are successful at improving cognitive skills have two key ingredients:
 - Intensive professional development for teachers with coaching at least twice a month
 - Assessments of child progress to inform and individualize instruction



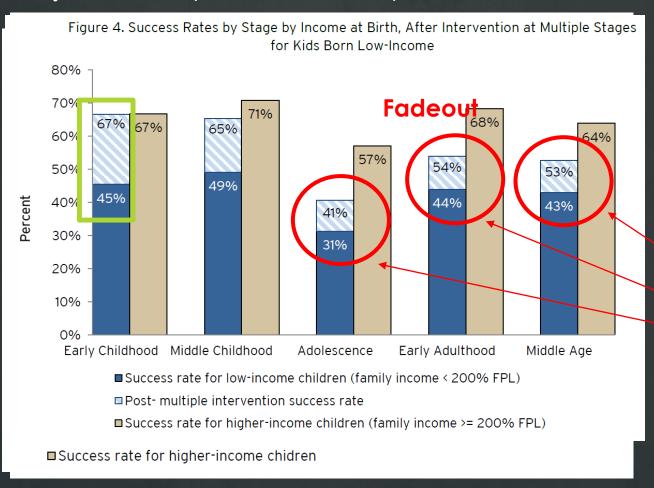
What does the evidence say about what works in Pre-K?

- Key Findings cont...
 - 7. Low-income and Latino children benefit disproportionately from pre-k programs
 - 8. Teacher education, years of experience and staff-child ratios are <u>weak predictors of</u> <u>effective pre-k programming</u>. This raises important questions about what should be the educational requirements for early childhood education workforce.
 - 9. Group size and classrooms tailored to young children with bathrooms and eating areas included in the room are associated with greater effectiveness of pre-k programming
 - 10. Process factors like curriculum, teacher language complexity, student engagement through activities, and positive classroom climate are strong predictors of pre-k programming effectiveness. These are also hard to standardize and regulate from a policy standpoint.



What is the long-term yield of doing Pre-K right?

The Social Genome Project can help us answer this question



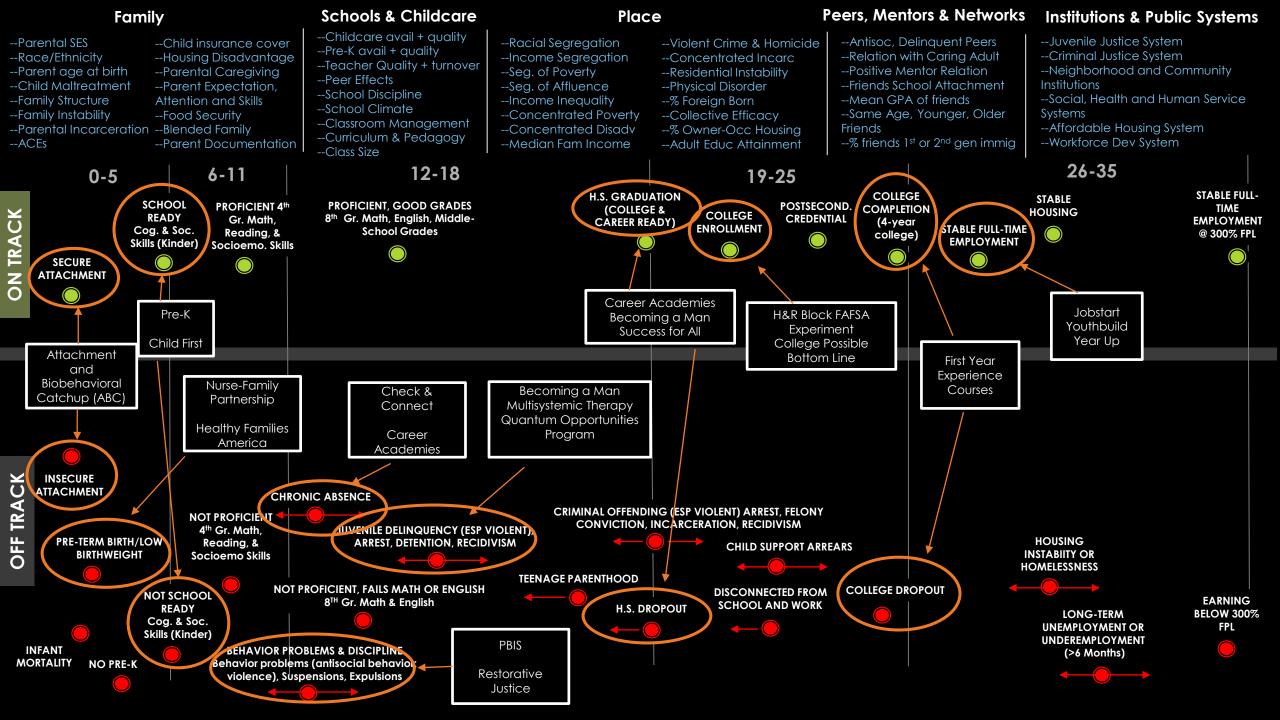
We need boosters or charging stations in adolescence and early adulthood

What would happen to later life outcomes if we equalized early childhood outcomes?

The simulated effects of evidence-based interventions during these age spans



We need interventions from cradle through emerging adulthood to put and keep young people on track to succeed in later adulthood

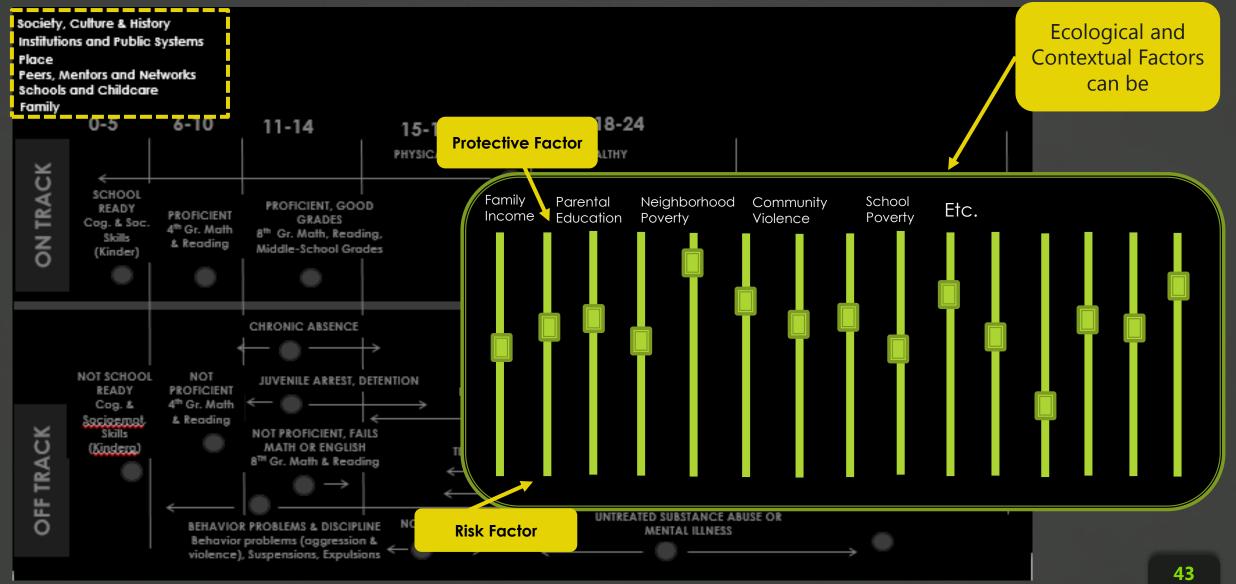


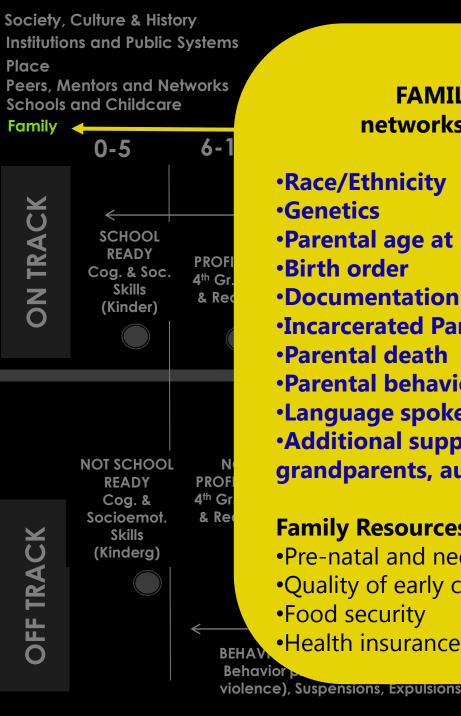


Appendix



Ecological and Contextual Factors





FAMILY (and kinship networks inc. "fictive kin")

- Race/Ethnicity
- Genetics
- ·Parental age at child's birth
- Birth order
- Documentation Status
- Incarcerated Parent
- Parental death
- Parental behavioral health problem
- Language spoken at home
- Additional supportive persons (e.g. grandparents, aunts/uncles, fictive kin)

Family Resources

- Pre-natal and neo-natal care
- Quality of early caregiving
- Food security
- Health insurance

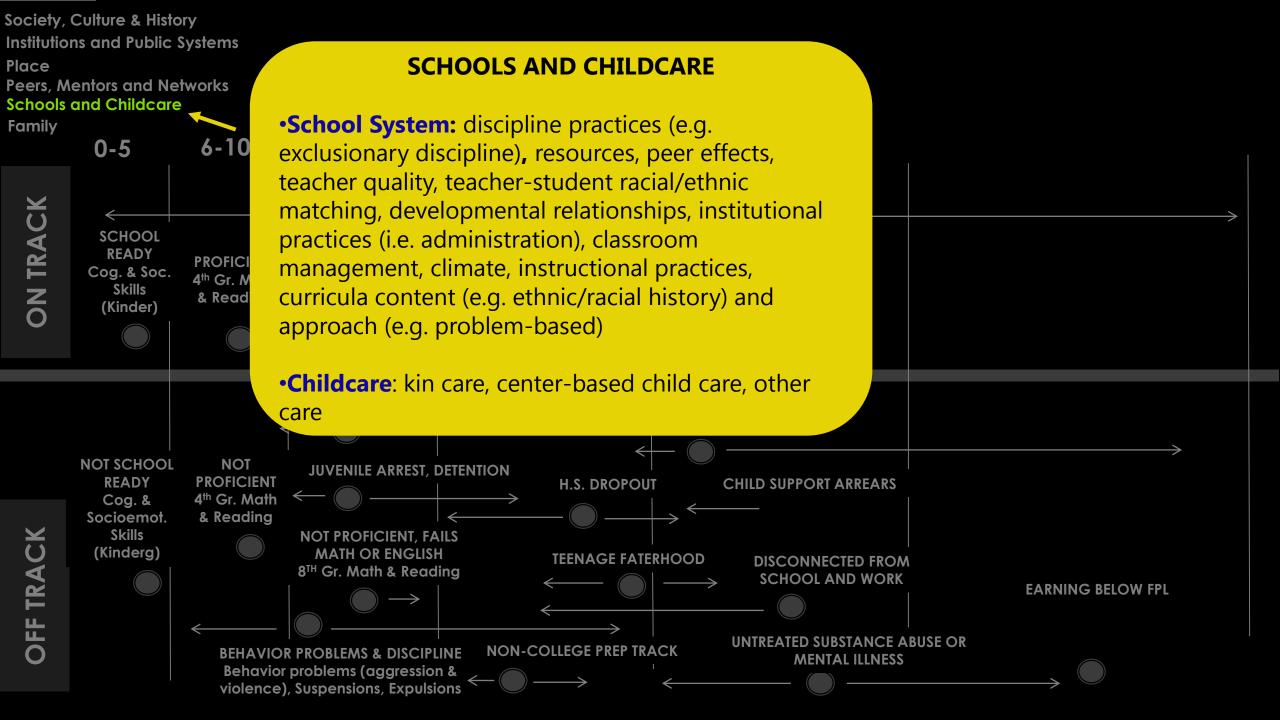
- Parental Income and Wealth
- Parental Education
- •Family structure and instability
- Housing stability/instability

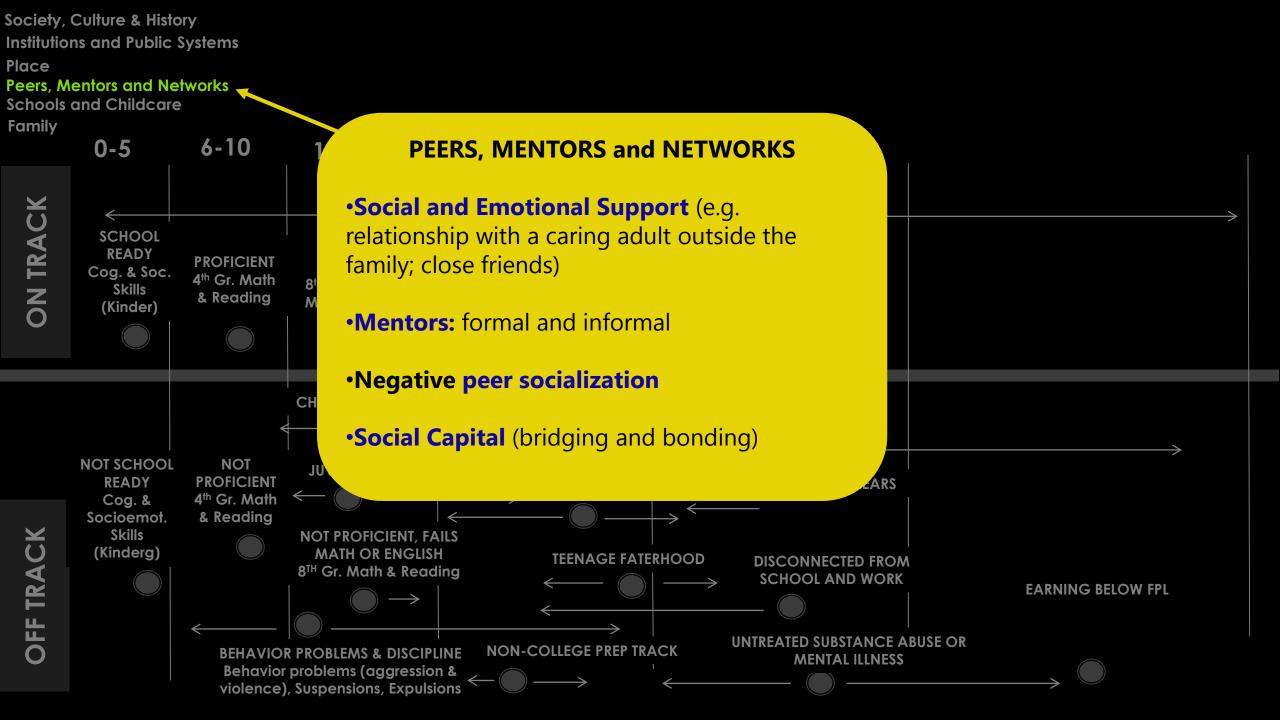
Parental Attention, Expectations, Skills

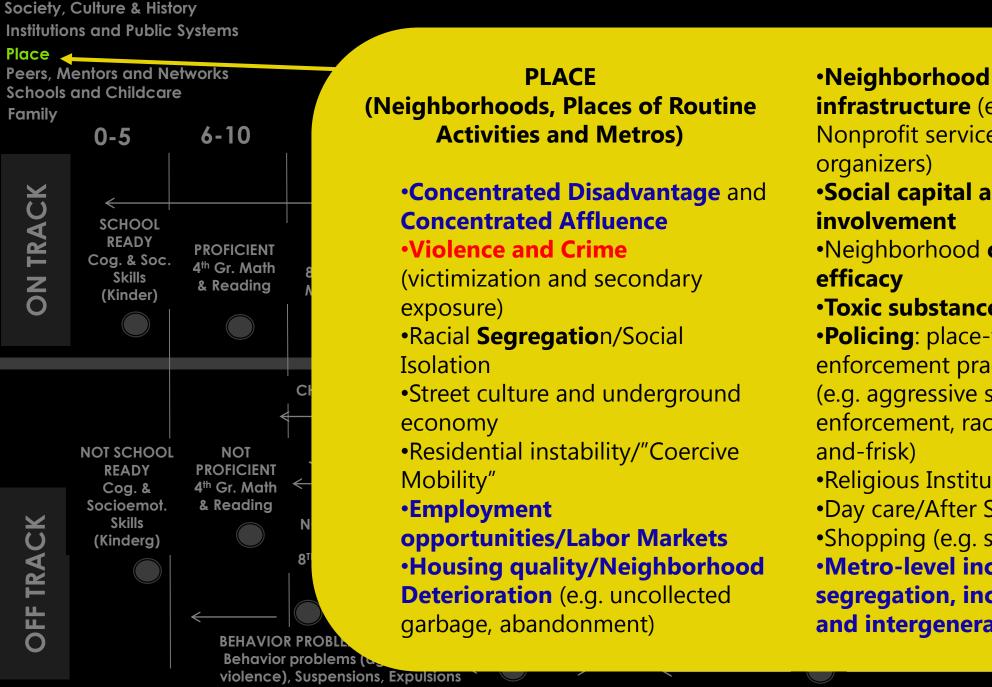
- Parental attention
- Parental Expectations
- Parenting skills, practices (e.g. harsh parenting) and beliefs

Parental Social Support, Abuse/Neglect

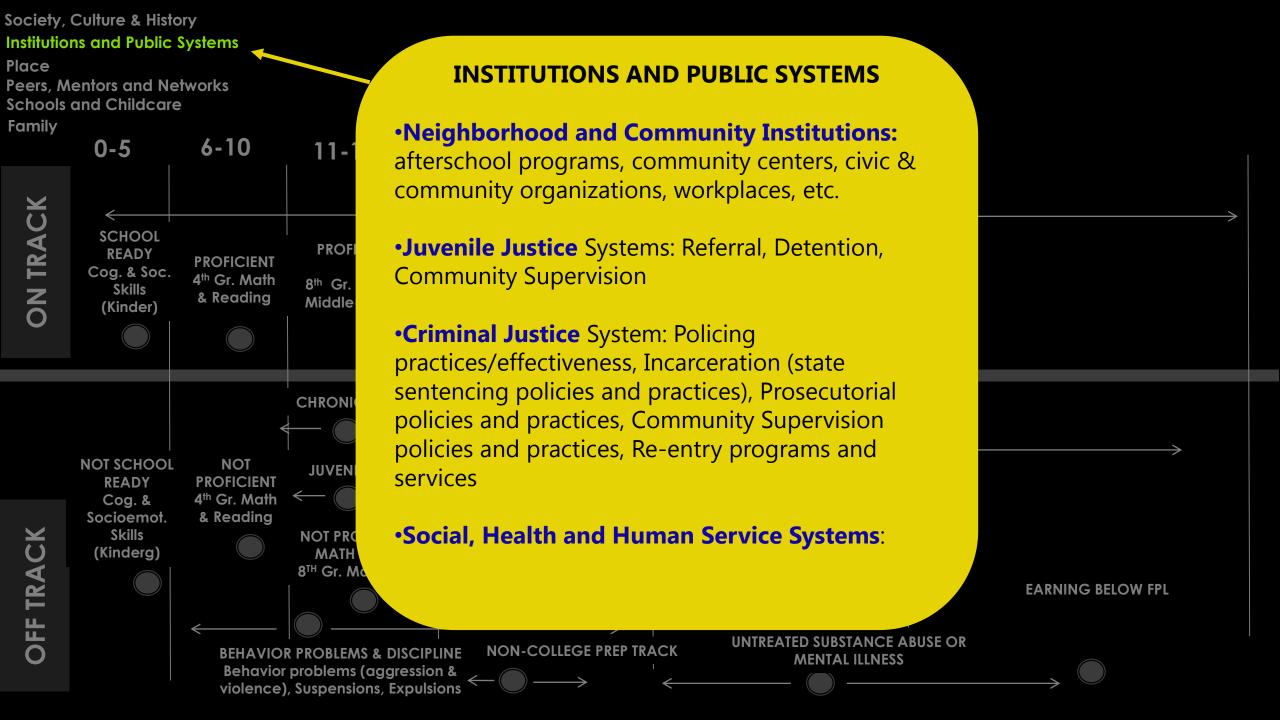
- Child maltreatment: neglect/abuse (physical, emotional, sexual), domestic violence
- Foster Care Placement
- Parental Social Support (e.g. social networks, extended family)

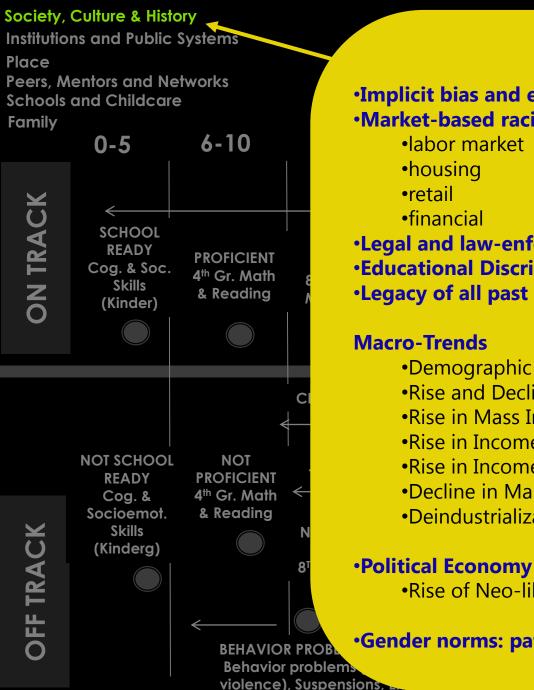






- Neighborhood institutional infrastructure (e.g. CBOs, Nonprofit service providers,
- Social capital and community
- Neighborhood collective
- Toxic substance exposure
- •Policing: place-focused law enforcement practices and tactics (e.g. aggressive street drug enforcement, racial profiling, stop-
- •Religious Institutions
- Day care/After School Programs
- •Shopping (e.g. supermarkets)
- Metro-level income and racial segregation, income inequality and intergenerational mobility





SOCIETY, CULTURE & HISTORY

- Implicit bias and explicit bias
- Market-based racial and gender discrimination:

- Legal and law-enforcement discrimination
- Educational Discrimination
- Legacy of all past forms of discrimination
 - Demographic change (e.g. immigration)
 - •Rise and Decline in Violence and crime
 - Rise in Mass Incarceration
 - •Rise in Income inequality
 - •Rise in Income segregation (e.g. concentrated poverty & concentrated affluence)
 - Decline in Male Employment and Earnings
 - Deindustrialization
- Political Economy Shifts
 - •Rise of Neo-liberalism
- •Gender norms: patriarchal forms of masculinity and gender relations



Key Takeaways from the life course framework for intervention strategy

- Changing conditions (and removing barriers) confronting BMOC through policy and systems change
 - Focused on State & Local with some Federal Policy change
 - Tie savings from punishment reform to "reinvestment"
- Help children become more resilient to bad conditions through applying programs, services and practices that we know work for males of color
- 3. Both are indispensable!



Key Takeaways: Intervention Principles

- Must adopt a life-course approach:
 - Early predicts/causes later through patterns of cumulative advantage/disadvantage
 - Intervention is necessary across the life course: early intervention is necessary but not sufficient
 - Timing Matters: there are sensitive periods for intervention
 - History matters: the legacy of past inequalities shape current realities
 - Agency matters: environments shape people and people shape environments
 - Equifinality: There are multiple pathways to the same negative outcome (often fewer ones to a positive outcome)
- Place Matters
- Race and Class Matter
- Causal Density: Everything is related to everything else which makes "siloed" approaches ineffectual
- Adopt a two-generation approach: Tying interventions together that change outcomes for children and parents simultaneously
- **Gender-Specificity**: That is "gender-specific" in its analysis of causes, correlates and solutions
- Support Successful Pathways: Prevent off-ramp pathways and create recovery pathways
- Balance social control vs. social support for producing key outcomes

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