

2013 Spring Lecture Series"Promoting School Readiness and Achievement"

Succeeding despite the obstacles: Closing the education gap for children in poverty

Margaret O'Brien Caughy, Sc.D.
Associate Professor of Behavioral Sciences
Director, Maternal and Child Health Training Program
University of Texas School of Public Health

Facts about childhood poverty

- The federal poverty level was defined in 1965 as the cost of a minimum diet multiplied by 3, adjusted for family size. In 2013, the federal poverty level for a family of four is \$23,550.
 - On average, families need an income of twice the federal poverty level to meet basic living needs.
- In 2012, nearly 16 million children in the United States were living below the federal poverty level.
 - The poverty rate is higher among families with young children (25% for 2-5 year olds compared to 22% for 6-11 year olds in 2011)
 - The poverty rate is higher among ethnic minority children (39% for African Americans, 34% for Hispanics, 36% for American Indian/Alaska Natives in 2011).
- More than half of children living below the federal poverty level have at least one parent member who is working full-time.

Childhood poverty and academic achievement

- Experiences of poverty during childhood, especially during early childhood, are a potent predictor of academic failure.
- Children in poverty are four times as likely to drop out before graduating from high school.
- Economic disparities in academic achievement start early and widen over time.
- Economic disparities account for most of the race/ethnic gap in academic achievement.

Risk factors for poor academic achievement among children living in poverty

- Many of the conditions associated with poverty operate through the proximity of the home environment.
 - Low income households have fewer books and other resources to stimulate cognitive development.
 - The stresses of poverty affect the quality of the parent-child relationship. Low income parents are more likely to engage in harsh, inconsistent discipline.
- Poverty affects academic achievement through a wide range of domains.
 - o Children living in poverty are more likely to experience hunger and other chronic health conditions that affect school attendance and academic achievement.
 - Children living in poverty are more likely to live in neighborhoods characterized by few resources and poor schools.

Factors contributing to resilience among children living in poverty

- Many low income/poor families have strengths.
 - o Most low income parents engage in positive interactions with their children.
 - o Most low income parents strongly endorse the importance of education.
- Communities can also provide important sources of resilience for low income families.

How can we intervene to close gaps in academic achievement associated with poverty?

- Intervention efforts must be targeted at all levels: child/family, community, and policy
- Child/family interventions:
 - o High quality preschool works.
- Community interventions
 - o Community-wide interventions have the potential for reaching the largest number of families and children.
 - o Improving neighborhood resources and schools is an important component of efforts to improve academic achievement for all children.
- Policy interventions
 - Household income matters. Increasing family incomes through job creation, increasing minimum wages, etc., will improve outcomes for children.
 - o Child nutrition programs (WIC, National School Lunch Program) have the added benefit of contributing to improved academic achievement.
 - o Access to high quality preschool and pre-kindergarten programs should be expanded.

Resources – Facts about children in poverty:

National Center for Children in Poverty: www.nccp.org

Annie E. Casey, Kids Count Data Center: www.datacenter.kidscount.org

Child Trends Databank: www.childtrendsdatabank.org

Kaiser Family Foundation: www.kff.org (excellent source of information on health insurance coverage, Medicaid and Medicare, and the implementation of the Affordable Care Act)

Center for Public Policy Priorities: www.cccp.org (Texas-specific)

Children at Risk: www.childrenatrisk.org (Texas-specific; based in Houston but expanded to North Texas in 2008)

Corporation for National & Community Service, United We Serve toolkits:

http://www.serve.gov/toolkits.asp

A Place at the Table (action for food insecurity): http://www.takepart.com/place-at-the-table

References:

Addy, S., Engelhardt, W., & Skinner, C. (2013). *Facts about low-income children: Children under 18 years*, 2011. National Center for Children in Poverty, Mailman School of Public Health, Columbia University, New York.

Balfanz, R., & Byrnes, V. (2012). *Chronic Absenteeism: Summarizing What We Know From Nationally Available Data*. Baltimore: Johns Hopkins University Center for Social Organization of Schools.

Blair, C. B., Granger, D. A., Willoughby, M., Mills-Koonce, W. R., Cox, M., Greenberg, M. T. (2011). Salivary cortisol mediates effect of poverty and parenting on executive functions in early childhood. *Child Development*, 82, 1970-1984.

Duncan, G. J., & Magnuson, K. A. (2005). Can family socioeconomic resources account for racial and ethnic test score gaps? *The Future of Children*, 15, 35-54.

Hinrichs, P. (2010). The effects of the National School Lunch Program on education and health. *Journal of Policy Analysis and Management*, 29, 479-505.

Ludwig, J., & Phillips, D. A. (2008). Long-term effects of Head Start on low-income children. *Annals of the New York Academy of Science*, 1136, 257-268.

McCormick, C. E., & Mason, J. M. (1986). Intervention procedures for increasing preschool children's interest in and knowledge about reading. In W. H. Teale & E. Sulzby (Eds.), Emergent literacy: Writing and reading (pp. 90 - 115). Norwood, NJ: Ablex.

Neuman, S.B., & Celano, D. (2001). Access to print in low-income and middle-income communities: An ecological study of four neighborhoods. *Reading Research Quarterly*, *36*, 8-26.