Early Childhood Longitudinal Study Birth Cohort (ECLS-B) is a nationally representative dataset, consisting of 14,000 children born in the year 2001. Information about these children was collected when the children were approximately 9-months, 2-years, and in preschool. Children, their parents, their child care providers, and their teachers and school administrators provide information on children's cognitive, social, emotional and physical development across multiple settings (e.g., home, child care, school). The purpose of this conference will be to provide an opportunity for investigators to share research findings using data from the 9-month and 2-year ECLS-B data collections. Papers that focus on child health outcomes of ethnic minorities, low-birth weight and very-low-birth weight births, cognitive development, and twins are particularly encouraged. NIH and NCES staff will jointly serve as moderators to the speakers and paper discussants for the conference.