There are well documented, pervasive, and unacceptable racial and ethnic disparities in the health of children across a variety of exposures, conditions, diseases, and treatments. Such disparities not only directly burden children themselves, their families, and their communities, but also have long-term effects across multiple generations. The Washington, DC-Baltimore region is characterized by significant income inequality, residential segregation, and marked disparities in child health. The DC Baltimore Research Center on Child Health Disparities has been supported by the National Institute of Minority Health and Health Disparities for the last 10 years to build on the long-standing collaborative commitment of Howard University (HU), Children's National Medical Center (CNMC), and the Department of Pediatrics at Johns Hopkins (JH) to child health disparities research and training. This is one of the only NIH Disparities Centers focused on children and adolescents. Our work incorporates a conceptual model of child health disparities and a life course perspective and is specifically committed to the development of interventions to overcome child health disparities. The overall goal is to provide a broadly collaborative, multi-disciplinary and multi-institutional "home" for efficient and effective research, training, and community engagement designed to improve minority child health and overcome child health disparities in the Washington DC-Baltimore region. To achieve this overall goal, we address the following Specific Aims: 1) To implement a program of rigorous intervention research to optimize health during the critical developmental period of adolescence, which links early exposures to long-term adult and intergenerational health. This work will draw on emerging technologies in "mobile-health" (m-health), such as text messaging, to test interventions targeting two highly relevant conditions/circumstances disproportionately affecting urban African American adolescents (Type 2 diabetes risk/obesity and violence exposure); 2) To train and mentor junior faculty in the required clinical and translational research skills required to conduct rigorous research relevant to minority health and health disparities; 3) To strengthen bi-directional community engagement and outreach in the Washington, DC-Baltimore region by providing an innovative program of dialogue based on review and evaluation of geo-located health indicators; and by integrating the community advisory process into training; 4) To lead a broadly based, multi-disciplinary, multi-institutional, and collaborative consortium to coordinate and strengthen research and training relevant to child minority health and health disparities in the Washington, DC-Baltimore region and nationally.