

## Healthy Homes Grantees in Region VI, Southwest

**Name of Grantee:** Division of Community Pediatrics, UTHSCSA  
**Name of Project:** Project LIFE (Lead Intervention and Family Education)  
**Amount Awarded:** \$ 957,906  
**Year of Grant:** 2004

**Contact info:**

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**Project Partners:** UTHSCSA Department of Obstetrics/Gynecology, UTHSCSA Department of Pediatric Dentistry,

**Summary of Project Activities:**

The first goal of Project LIFE is to provide lead education in San Antonio, Texas for children less than age 5 years with Blood Lead Levels (BLL) of 10 µg/dL and/or higher and pregnant mothers with BLLs of 5 µg/dL and higher as well as to provide lead education for physicians, nurses and health care providers working with women and children at high risk for lead exposure. The second major goal of LIFE is to investigate the relationship between lead exposure, personal and psychological factors. Families will be identified in hospitals or community clinics through lead screenings and blood tests. All primary caregiver-child pairs will receive 1) 8-session education on enhanced nutrition and lead awareness; 2) neurocognitive psychological developmental testing and BLL testing of the child; and 3) limited case management services. In addition to ongoing process evaluations and BLL screenings, lead exposed children will receive culturally appropriate repeated measures assessing neurocognitive development. Mothers screened and tested for lead will receive questionnaires assessing levels of compliance and knowledge gained in regards to the education protocol. Dissemination and outreach of lead information to health care providers will occur at local hospitals and medical schools via continuing education courses, grand rounds, and physicians' group meetings. Health professionals receiving the lead education will be pre/post tested for gained knowledge.

**Partner Organization:**

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**Product Outcomes/Outputs:**

**Outcomes of Project LIFE:**

- Family Education (Neurocognitive psychological developmental testing) – 180
- Professional Education -200

For the children and caregivers, repeated measures will be collected at initial recruitment (baseline), 6 months after enrollment, and 12 months after enrollment. For those pregnant women enrolled, repeated measures will be collected at baseline (when the child is two months old), when the child is 8 months, and when the child is 14 months old.