

## **HICORE Priority Areas of Research:**

1. Primary and secondary prevention of childhood obesity
  - 1.1. Innovative and sustainable community-based programs developed, delivered and maintained by community-based organizations
  - 1.2. Population-based efforts in childhood obesity relevant for Hawaii's multi-ethnic population
  - 1.3. Optimal provider-based approaches and resources for Hawaii's multi-ethnic population
  - 1.4. The effect of policy changes in child environments (ex: schools), family environments (ex: churches), social environments (ex: supermarkets), and work environments
  - 1.5. Others to be determined.
2. Healthcare and health services research related to childhood obesity and nutrition
  - 2.1. Cost-reimbursement policies that encourage healthy lifestyles (PAN Plan)
  - 2.2. Culturally appropriate and effective strategies for engaging diverse children and families in obesity prevention and intervention services (NICHQ)
  - 2.3. Research in practice-based setting through pediatric practice-based research networks (NICHQ)
  - 2.4. Relationship between provider training and outcomes
  - 2.5. Establishment of a practice-based research network in Hawaii as a means to most efficiently and effectively collect data from practice-based settings.
  - 2.6. Others to be determined.
3. Important gaps in evidence about childhood and adolescent obesity as it relates to children and families in Hawaii:
  - 3.1. Relationship between stress, childhood obesity and chronic disease risk
  - 3.2. Impact of non-health related factors on metabolic risk (e.g., housing, transportation)
  - 3.3. Differences in risk factors in Asians and Pacific Islanders compared to Whites/Blacks/Hispanics
  - 3.4. Differences in body composition in our multi-ethnic population and how these differences affect metabolic risk
  - 3.5. Relationship between pre-conception and prenatal factors, childhood obesity and metabolic changes
  - 3.6. Relationship between cultural beliefs and practices and childhood obesity and chronic disease risk (e.g., child rearing, health beliefs, and commonly eaten foods)
  - 3.7. Others to be determined.