Assessment of pediatric malnutrition and household food insecurity in Kisii and Nyamira, Kenya

Blair Gifford, PhD
Professor of Management and Health Administration
University of Colorado Denver
Study Objectives

1. To determine the prevalence of moderate and severe acute malnutrition among children

2. Characterize household food insecurity and dietary diversity

3. Determine breastfeeding practices among mothers

4. Establish treatment protocol for malnourished children

5. Assess potential to incorporate family planning into educational outreach
Setting

• Kisii and Nyamira are among the most fertile land in Kenya

• Predominantly rural communities

• High access to fruits and vegetables but Vitamin A deficiencies remain prevalent among children

• Minimal clinical information about this population

• Safe; minimal concern for violence
Subjects

- Male and female children
- Ages ≤ 5 yr • Height ≤ 120 cm
Project Details

• **Funding:**
  - Robinson-Durst Global Health Scholarship (2017) - Kevin Forey
  - Opportunity to apply for 2017-'18 CU Global Health Scholarships
  - Self-funded otherwise

• **Duration:** 4 - 8 weeks; semi flexible timeframe

• **Language Requirement:** English satisfactory; Swahili useful

• **Foreign Travel Required:** Yes