What do we want to know? What agricul-What has been the tural practices Have individuals' What are the contribution of influence Have the family perceptions or factors that How has the level of the intervention to nutrition knowledge influence malnutrition changed in eating practices the changes? changed? changed? outcomes? malnutrition in the target population? Why? How? How? Why? the population? Why? Interventions **Practices** Biology Knowledge oriented to changes in: Knowledge/ attitudes/ practices Issues to be about food, production, hygiene, Consumption Socio-economic purchases, gender etc. measured (quantity, quality, • Contribution: why? data Health Nutrition Hunger origin, consistency) Timeframe Knowledge changes faster Weight changes than attitudes and practices faster than height Indicators Education Food Migration Food Crop Family size Morbidity/ Growth Anemia security sovereignty diversity diseases Infrastructure Income One year Methods 24 hour Diet Weight/Height Hemoglobin recall recall diversity **HHFIS FANTA** 24 hour 7 day recall observation Interviews/ Observation surveys Focus groups Design considerations (decision tree) Targeted Women 0-6 month Children over 6-24 or 36 Population Community **Family** (e.g. most (pregnant, infant 36 months month infants vulnerable) breastfeeding) (breastfeeding) (energy) (malnutrition) Diagnostic Monitoring End line Baseline When Control group Group that received Comparison Group exposed Who the intervention to the intervention group (spillover) Following the same Following the same range of ages over time cohorts over time Sample Census Representative Intentional Convenience Randomized **COLLABORATIVE CROP RESEARCH** How many Size (n=?) **PROGRAM** THE MCKNIGHT FOUNDATION