

TITLE: Testing an Adaptive Implementation Strategy to Optimize Delivery of Obesity Prevention Practices in Early Care and Education Settings (AKA OptiWISE)
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PURPOSE (Aims/Objectives)

1. Determine the effectiveness of an adaptive implementation strategy that tailors the intensity of implementation support versus a low-intensity strategy.
2. Examine moderators and mediators of implementation outcomes in a mixed-methods design.
3. Assess the incremental cost-effectiveness of the adaptive implementation strategy.

CUSTOMERS (Community Partners – in IS referred to as end users)

This project is a mixed-methods enhanced non-responder trial built on the scientific foundation of Implementation Science. Our community partners and end users are one in the same – early care and education programs that are eligible for CACFP support (mostly Head Start). We are using implementation strategies within schools to try and increase sustainable uptake of our scientific innovation (WISE – an evidence-based nutrition curriculum for preschool aged children designed to increase FV consumption). Who benefits? The goal is agencies, sites, teachers, families, and children.

DESIRED END RESULT

(Critical Success Factors)

Community Impact: Increased uptake of WISE across Louisiana and Arkansas (target is 4,800 children, 480 teachers)

Scientific Impact: we will be have tested adaptive implementation strategies to determine optimal delivery levels of early prevention programs focused on childhood obesity. In other words, what level of implementation or program delivery support maximizes the positive health outcomes for children and how cost effective are the different strategies comparing cost of intervention to benefit of health outcome?

CURRENT STATUS

This project is ongoing. It was originally funded as a 5 year R01 then converted to a 7 year MERIT award. Year 1 (21-22) was development, recruitment, and training of Cohort 1. Year 2 (22-23) began September 1. We conducted 6 trainings across AR and LA for just under 200 teachers, staff, and administrators. We completed baseline child data collection and initial site visits and the program kicked off for this children last week.