UP40 (continued)

Objective: The current study aimed to test Smarter Lunchroom conditions to determine the effect of each separately.

Description: Treatment conditions were promotion of low-fat white milk, whole grains, fruits, or vegetables. For fall, intervention (n=5; 3 urban, 2 rural) and control (n= schools participated). For spring, intervention (n=7; 4 urban, 3 rural) and control (n= schools participated).

Evaluation: Process and outcome measures were collected.

Conclusions and Implications: Treatments were feasible to implement. Students' taking of white milk increased and waste decreased. Results from promotion of whole grain entrees were inconclusive. Fruit/vegetable interventions are in process.

Funding: USDA Grant #2012-68001-19604

Other Funding/Support: USDA/NIFA

UP41 Texas GROW! EAT! GO! Cohort 1 Student Outcomes

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Objective: The goal of the Texas GROW! EAT! GO! project is to assess the efficacy of a Coordinated School Health Program (CSH) enhanced with theory-based, family-focused, experiential garden, nutrition and physical activity programs on the prevalence of child obesity in third grade students.

Description: In Cohort 1 and 2, 1,600 students in 28 randomly assigned Title I schools received one of four treatments including Junior Master Gardener and/or Walk Across Texas over a one year period.

Evaluation: Evaluation included student, parent surveys and child BMI.

Conclusions and Implications: Data from 1405 students in Cohort 1 and 2 will document behavioral and BMI change related to treatment.

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UP42 The Missouri Food Pantry Nutrition Improvement Project

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Objective: Development of effective obesity prevention and improvement strategies among food pantries and client households.

Description: We completed two years of interventions at nine pantries and are now preparing educational materials

for pantries implementing strategies to improve pantry capacity, quality of foods distributed, and nutritional content of client diets.

Evaluation: A second wave of information from pantries and clients is being analyzed to assess impacts of implemented strategies.

Conclusions and Implications: Preliminary suggestions are that multi-dimensional interventions are appropriate, but that each pantry requires a different set of interventions. Of particular success are a Seeds that Feed program, nutrition education activities, and pantry capacity building.

Funding: USDA Grant #2010-85216-20645

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UP43 Sanos y Fuertes: Translating Lessons Learned Through Local Childhood Obesity Prevention to Address the Global Epidemic

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Objective: To present the findings from community-based participatory research (CBPR) with Latino families and the applied learning experience of graduate students.

Description: *Sanos y Fuertes* supports USDA's 'Nutrition and Health' goal by implementing obesity prevention with 100 families annually; it also provides experiential student learning to a cross-disciplinary cohort.

Evaluation: Evaluation demonstrates statistically significant changes in nutrition-related knowledge, intention, and behavior.

Conclusions and Implications: The combination of applied learning, CBPR methods, and multidisciplinary teams is an effective approach to prepare highly-qualified future professionals to address the global obesity epidemic.

Funding: USDA Grant #2011-67002-30152

UP44 iCook: A 4-H Program to Promote Culinary Skills and Family Meals for Obesity Prevention

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Objective: Year 2: To implement an intervention designed to increase competence in culinary skills, family meals, and physical activity among youth-adult dyads.

Continued on page S200