NP24 Detroit Child Health Incubator Research Project: Transition and Transformation

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Objective: Building a learning community to address childhood obesity prevention through a food justice lens.

Description: Reports on partner's creative collaborative strategies to continue the work despite serious administrative and funding challenges and their implications for sustainability beyond the grant.

Evaluation: Applying participatory methods to the formative and outcome evaluation of the CHIRP learning community and evaluation and dissemination of specific programs/activities.

Conclusions and Implications: Through extensive collaboration and expansion of programming supported by other funding, the program partners were able to maintain engagement among CHIRP participants, fulfill annual goals and strengthen the foundation for their continuing work.

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NP25 Fuel for Fun: Cooking With Kids Plus Parents and Play - Year 3

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Objective: Describe implementation, evaluation and analyses of school-based intervention; parent engagement and school setting challenges.

Description: 4th-graders in 8 schools received year-long experiential foods and activity intervention with opportunities for accelerometry and diet assessment. Families concurrently participated in 1 of 4 treatments with varying levels of intervention alignment.

Evaluation: Dissemination of findings at national and international nutrition education meetings included comparisons of cohorts and students with parents. Teacher evaluations continued with in-depth online surveys.

Conclusions and Implications: Preliminary findings support curricular impact on cooking self-efficacy,

attitudes and fruit and vegetable preference. Parent engagement challenges persist. Program continuation with sustainability is being engineered.

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NP26 The Drought's Effect on Food Security Among Farm Workers

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Objective: Identify factors that affect food security among rural Mexican-origin families in Central California.

Description: Families from the Niños Sanos, Familia Sana study were included in the analyses. Food security data (n=262) were collected, using the USDA 18-item Food Security Survey. In 2012, 45% of the sample reported food insecurity. Annual surveys collected food security from 2012-2015.

Evaluation: Multivariate regression was used to examine food security trends among agricultural and non-agricultural workers.

Conclusions and Implications: High baseline food insecurity warrants further investigation on the drought's impact.

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NP27 Sanos y Fuertes: A Creative Latino Family-Oriented Approach to Childhood Obesity Prevention

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

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 confident, highly-qualified professionals prepared to immediately address the global obesity epidemic.

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