Application of a Novel Forecasting and Footprinting Dissemination Framework to a Community Based Childhood Obesity Prevention Program

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Objective

To create an eB4CAST program report for the iCook 4-H program, a community-based childhood obesity prevention programs that uses a dyad approach to increase culinary skills, physical activity and family meal time among 9-11 year old children and their primary meal preparer.

Introduction

Currently, there is an estimated 10-25 year gap between research discoveries and their impact on the health of populations1 and dissemination of research results beyond scientific publications and to study participants and the general public has been identified as the ethical responsibility of researchers2. This is of particular importance in Community-Based Participatory Research (CBPR) where community members are engaged in all stages of the research process including disseminating findings and knowledge gained to all partners and obtaining a long-term commitment by all partners3. Community based interventions have an increased need to report program impact to participants, programs leaders and community stakeholders in order to justify the continued support of furthered programming and future dissemination research must address the ‘challenges and barriers of dissemination from the perspective of community partners’. eB4CAST addresses this by:

• Disseminating research findings to participants, community members and stakeholders in a format that is accessible to the general population.
• Using CBPR principles to create a novel dissemination tool that can help bridge the research to practice gap.

Future Directions

• eB4CAST has been implemented within the iCook 4-H program to better help stakeholders and community members implement this intervention at a community level.
• This infographic captures participant, facilitator, and state leader perceptions to visualize the story community programs have in specific geographical locations. For program sustainability and longevity, this infographic is encouraged to be shared in hopes of magnifying the program timelessness.

Infographic Development

Internal Expert Work Groups
To Determine:
• Indirect measures to include
• Direct measures to include

Research Group Review
• By iCook PI’s and multistate collaborators
• To determine measures included and format
• Infographics given to reviewer
• Edits collected
• Group discussion
• Infographics modified
• Multiple rounds of review

Results

• eB4CAST reports were created for iCook 4-H dissemination sites (n=11)
• Each report had four components: program overview, community profile, program impact and Ripple Effect Mapping
• Data from direct and indirect sources were graphically combined in a report to show how this innovative approach of parents and children working together toward a healthier lifestyle has impacted the community.

References


Collaborators/ Contact

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