**NLN 2022 Abstract Submission from Hawai‘i**

**Title:** Feasibility and impact evaluation of a home-based fruit and vegetable active-learning

intervention for children in a produce prescription program

**Submitted by:** Cherese Shelton, Ph.D. student, University of Hawai‘i at Mānoa (UHM).

**People Involved:**

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**Background and project goals**: An ongoing Keiki Produce Prescription (KPRx) program in Hawai‘i aims to increase FV AA for children. While findings from the feasibility study were generally positive, this identified a need to improve program retention efforts. In the 2nd launch of the KPRx program, a cooking component was added as a potential solution to enhance retention efforts while also providing participants with opportunities to learn about cooking and nutrition. Due to the Coronavirus disease 2019, a home-based cooking component was necessary. However, no such FV culinary and nutrition-focused intervention for children in Hawai‘i existed. Informed by the literature and the social cognitive theory (SCT), a series of Food Activity Bags (FAB) were developed with feedback from community stakeholders. Given the innovative nature of this intervention, this project aims to: 1) measure the preliminary impact of the FAB intervention on children’s cooking self-efficacy, willingness to try FV, and food and nutrition knowledge and 2) evaluate the feasibility and acceptability of the FAB intervention based on feedback from participants.

**Methods:**

Pre-post intervention child surveys are currently being administered to a sub-group of children (6 - 17 years old) in both the intervention (produce prescription and FAB) and control group (produce prescription only). Child survey scores will be analyzed for any trends within and between groups. Audio-recorded exit interviews with parent-child dyads are in the coding process and will be analyzed for themes surrounding feasibility, acceptability and impact of the intervention.

**Discussion:**

The FAB is a novel theory-based intervention that was collaboratively developed to fill a gap in the literature for culturally-relevant home-based cooking and nutrition interventions for children in Hawai‘i. Findings from this project will inform future steps, such as optimizing the intervention and continuing expansion.