# Implications of race and ethnicity for child physical activity and social

connections at summer care programs Prochnow T., Patterson M.S., Hartnell L., West G., Umstattd Meyer M.R.

### Introduction



Racial and ethnic disparities have been noted in child PA attainment



PA is associated with friendship selection and influence

## <u>Objective</u>

Examine how race/ethnicity relate to social connections and PA at a summer care program

### Methods

E Children age
E 8-12 (n=100)
S at a summer
program
(Boys & Girls
Club)

Self-reported PA
Friends at the Club
Before / After Summer

Separable Temporal Exponential Random Graph Modeling

## Results



PA did not significantly differ based on race/ethnicity or time.



Children were more likely to make friends with and remain friends with those of the same race/ethnicity



PA was also related to a child's social connections at the end of summer regardless of race/ethnicity



African American children reported significantly more same race friends and more friends who helped them to be active.



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PA might serve as a mechanism for connecting children within a summer care program regardless of race or ethnicity



Using active play to connect children may promote diverse friend networks at these programs.