Aims: Research aims of the GROW Healthy Kids and Communities project are to (1) examine the impact of interventions on BMI, PA, and food insecurity among rural children; (2) explore the relationship between BMI and PA, food insecurity, and eligibility for school meal programs; and (3) use participatory methods to identify, prioritize, and implement evidence-based strategies to address school-related environments where PA is underperforming.

Methods: The research design includes the following components: (1) Implementation Science: The project will use a dissemination and implementation science framework to design, implement, and evaluate evidence-based solutions to address school-related environments where PA is underperforming. (2) PA Surveillance: A school-based surveillance system will be developed and implemented in rural communities to monitor PA levels among children. (3) participates in the GROW Healthy Kids and Communities project.

Results: The project will evaluate the impact of environmental scans on BMI, PA, and food insecurity among rural children using a school-based surveillance system. The results will inform the development and implementation of evidence-based solutions to address school-related environments where PA is underperforming.

Conclusions: The project will contribute to the development and implementation of evidence-based solutions to address school-related environments where PA is underperforming. The project will also provide valuable information to inform future research and policy recommendations for improving PA levels among rural children.

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