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Klamon Impact Award

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EMORY
UNIVERSITY

Investigating the impact of climate-resilient homestead gardening on child nutrition

Dietary diversity is a key indicator of diet quality. We are exploring whether equipping families in rural India with training and equipment for climate-resilient gardening can increase dietary diversity in children under five.

Background

- Adequate dietary diversity (DD) is crucial for child survival and growth¹⁻³
- Almost one in four children are stunted worldwide⁴



Study Setting and Rationale

- Emory has a longstanding research partnership with Gram Vikas (local NGO)
- Odisha, India receives erratic rainfall⁵



Intervention



Training



Seeds



Greywater harvesting materials

Aims and Methods

- Quantify the impact of the CROPS intervention using *intention-to-treat* and *per-protocol* analyses
- Identify factors influencing the variation in adoption of the CROPS intervention using thematic analysis



Significance

Addresses a gap in evidence regarding the feasibility and sustainability of small-scale, climate-resilient agriculture practices



Scholar Awards Celebration

November 12, 2025



Igniting
Innovation
in Georgia