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2018 ASRF Schedule

Apr 4th, 11:00 AM - 11:15 AM

Increasing Fruits and vegetable consumption among SNAP recipients through an innovative prescription program: Appalachian Farmacy

Kiriinya Mwirigi

Beenish Kamran East Tennessee State University

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Food Insecurity NUTRITION INCENTIVE PROGRAM

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APPALACHIAN

An Evaluation of Appalachian (F)armacy

A Fruits and vegetables prescription program

KIRIINYA MWIRIGI, M.P.A, M.S. (Dr.PH. student) Beenish Kamran, MPH(student) Deborah Slawson, Ph.D., R.D., L.D.N.



COLLEGE *of* PUBLIC HEALTH

EAST TENNESSEE STATE UNIVERSITY



Why fruits and vegetables?

- Very low consumption rates
 TN 47th
 - 7% meet standard
 - Even lower for low income
- Nutrient dense
- Improve Health Outcomes
- Availability

The State of Obesity(2011). Fruits and vegetable consumption



Gregory, C. A., & Coleman-Jensen, A. (2017). Food Insecurity, Chronic Disease, and Health Among Working-Age Adults. Ziliak, J., & Gundersen, C. (2017). *The state of senior hunger in America in 2015.*

Appalachian Farmacy



Health Assessment Vouchers Monthly \$28- \$112 Farmers Market

Nutrition classes

Methodology



- Mixed methods approach
- Quantitative- Survey
 - Baseline
 - 6 months
- Qualitative
 - Intercept interviews (n=22)
 - 2 focus groups (n=11)
- Thematic analysis
- Data analysis on SPSS

Baseline Results



Variable	TN	Wash.	Farmacy N=134
Adults with some college	67%	59%	43%
SNAP eligible food insecure adults	56%	61%	79%
Obesity	32%	29%	53%
Less than a fruit daily	46%	n.d	73%
Less than a vegetable daily	25%	n.d	72%
No physical activity	30%	32%	43%

Feeding America (2015) Food insecurity | County Health Rankings (2018) | The State of Obesity(2011) fruits and vegetable consumption

Follow-up results

Small paired sample size – clinical significance

Mean consumption rose from 4-6 times weekly to at least once daily.

)	QP.
	Farmacy
	Furnicy

Fruits

Vegetable

Grains

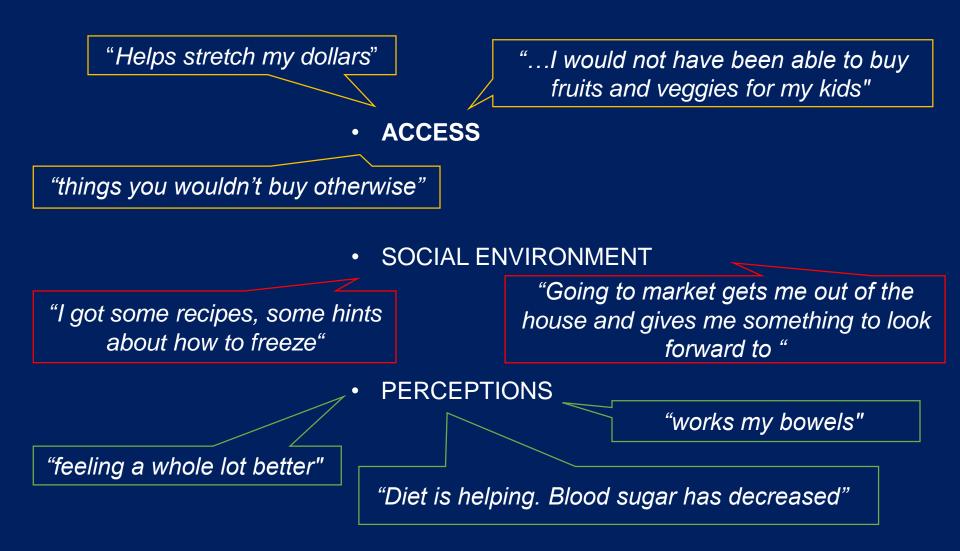
Protein

alack

Dairy

Variable	Pre-test July N-29	Post-test Feb n-29	
VERY food insecure adults	24%	20%	
NO fruits at all in the past week	24%	3%	┥
Vegetables only 1-3 TIMES a week	34%	10%	

Themes



Conclusion



Recommendation



Acknowledgement



Appalachian Farmacy Committee and partners during the launch at the Johnson City's Farmers Market in downtown Johnson City. Photo by Jeff Derby

Collin Brooks. (June, 2017) New programs hope to curb unhealthiness in area with fresh food prescriptions. *The Johnson City News and Neighbor. 20*(17)

References

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