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# **Alison Gustafson PhD, MPH, RD**

Department of Dietetics and Human Nutrition  
College of Nursing  
College of Agriculture, Food and Environment  
University of Kentucky  
Regular Title Series

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## **EDUCATION**

BS Dietetics – 1998 Bradley University, Peoria IL

RD – 1999 Loyola University, Chicago IL

MPH – 2000 Boston University (International Health)

PhD – 2010 University of North Carolina Chapel Hill (Nutrition with Epidemiology Minor)

## **PROFESSIONAL AND ACADEMIC APPOINTMENTS**

2011 - present	University of Kentucky Department of Dietetics and College of Nursing Associate Professor - promoted July 2016 Assistant Professor – June 2011 – June 2016 Director of Graduate Program – July 2018 – July 2020
2022	Aarhus University Denmark - Visiting Professor (pending COVID)
2022	Karolinska University Sweden - Visiting Professor (pending COVID)
2021 – present	University of Kentucky College of Nursing Joint Appointment (pending BOT approval, May 2021)
2013– present	University of Kentucky Center for Poverty Research Affiliate
2019 – present	University of Kentucky Center for Health Equity Transformation Faculty Affiliate
2019 – present	University of Kentucky Center for Equality and Social Justice Affiliate
2006 – 2010	University of North Carolina Chapel Hill - Graduate Research Assistant
2008 – 2010	University of North Carolina Chapel Hill - Teaching Assistant
2005 – 2006	Hennepin County Health Department, Minneapolis - Director Community and Worksite Nutrition Programming
2004 – 2005	University of Wisconsin at Madison - Population Health Fellow
2003 – 2005	Illinois Stephenson County Health Department - Director Women’s Health
2001 – 2003	Lands’ End, Dodgeville, WI - Director Worksite Wellness
2000 – 2001	USAID Norton, Zimbabwe - Research Assistant

1999 – 2000

House Commerce Committee, Washington D.C. - Staff Assistant

## **HONORS AND AWARDS**

2019 - 2022 **University of Kentucky Senate Research and Education Committee**, 10-person committee reviewing university policies and graduate education policies and their implementation before moving to Senate for final vote of approval.

2019 - 2022 **University of Kentucky Senator**.

Elected representative for the College of Agriculture, Food and Environment.

2019 – 2021 **John I. and Patricia J. Buster Endowed Professorship**.

An Endowed Professorship at the University of Kentucky is the highest level of recognition established to support my research and scholarly agenda.

2016 - 2021 **Wethington Award**. University of Kentucky Provost Office

The Wethington Awards program is designed to recognize the success of individual faculty members who have obtained investigator-initiated competitive or prestigious extramural funding.

2017 - 2019 **Faculty Council**.

Elected representative of the College of Agriculture, Food and Environment.

2019 **George E. Mitchell Outstanding Service to Graduate Students**.

This award is to recognize outstanding career contributions to graduate training in the College of Agriculture, Food and Environment at the University of Kentucky.

2012 - 2013 **LEAD 21**.

One-year leadership program intended to develop leaders in the land grant institutions for future effective leadership, Associations of Public and Land-grant Universities (APLU).

2019 **Research Activity Award \$2,500**

The research award from the College Agriculture, Food and Environment at the University of Kentucky is designed to enhance excellence and innovation in research.

2018 **Women's Executive Leadership Council (WELD)**.

Eight-month curriculum consists of 2 two-day retreats and monthly meetings covering leadership topics.

2015-2016 **Secretary Epidemiology Study Section Obesity Society**.

Tracked section activities when reviewing epidemiology study applications for the Obesity Society. Responsible for leading the section meetings, taking minutes, and recruiting students for student research awards.

2014 - 2015 **Office of Research Integrity Non-medical Internal Review Board (IRB)**.

Formally designated to review and monitor nonmedical research involving human subjects.

## **RESEARCH FOCUS**

My research goals have focused on one central theme - understanding the intersection between the individual and their food environment, among rural and geographically isolated communities. The food environment encompasses the type of food stores in an individuals' neighborhood, the distance to those stores, how many different types of stores, and the type of food sold. To these ends, I have become widely interested in understanding the nuances of food shopping behaviors, especially among vulnerable populations. My research enterprise is built around examining the distal and proximal determinants to food choice among rural communities, with a focus on Supplemental Nutrition Assistance Program (SNAP) households and adolescents.

Through primary data collection and secondary data analyses I have established an expertise with measurement of the food environment along with an understanding of how the food environment influences food store choice and dietary patterns.

My accomplishments to date, include the ability to secure funding through extramural competitive grants but also through key collaborations with experts across universities. I have been accepted to participate in two multi-state research projects and anticipate utilizing hatch funds to further my research enterprise. As Director of Graduate Studies, I was able to elevate the quality and quantity of admissions, while transitioning our forms, website, and reporting. I have been enthused by the high level of graduate student mentoring that continues to take place and anticipate additional student-led publications resulting from this mentorship. Mentoring several DHN assistant professors in grant writing and have led to meaningful collaborations on several USDA and NIH grant submissions.

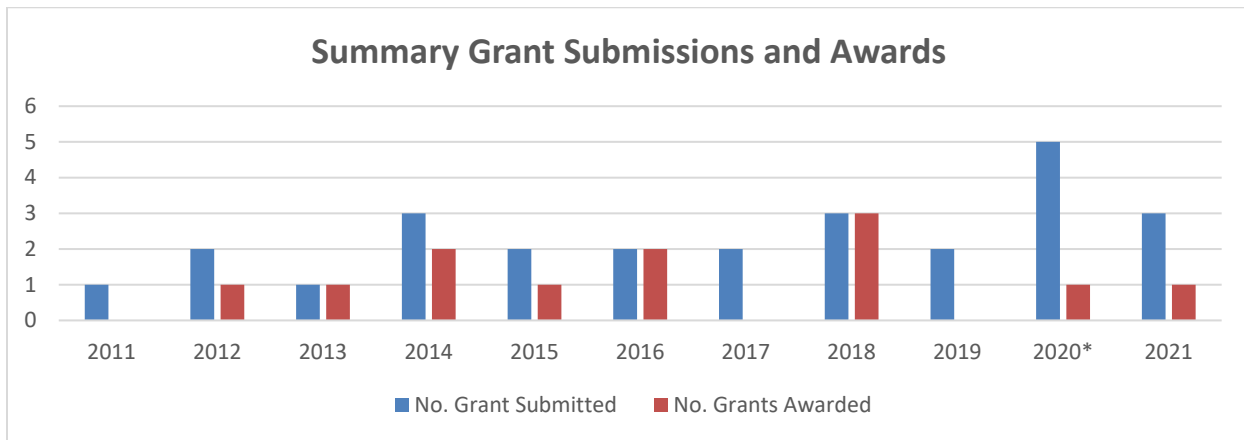
I have had graduate students publish first author papers and contribute to journal article submission and publication. I have mentored high school students, with one being awarded a first author publication and an award for best student paper from *Preventing Chronic Disease* journal. My publications have included assistant professors within the DHN and professors from various other universities across the nation.

## **GRANT FUNDING SUMMARY**

<b>Nationally Competitive Awards</b>	<b>\$7.6 million</b>
<b>State and Internal Competitive Awards</b>	<b>\$5 million</b>
<b>Industry Awards</b>	<b>\$400,000</b>
<b>Total Funding - To date</b>	<b>\$13 million</b>
<b>Total Funding Awarded to Gustafson Program</b>	<b>\$1.3 million</b>

<b>Leadership</b>	<b>\$ Amount</b>	<b>% Effort</b>	<b>Dates</b>	<b>Funding Agency</b>
PI	200,000 of 5 million	20%	7/18-7/22	CDC Subcontract
	80,000	10%	3/17-9/21	Hatch Funds
	190,000	40%	1/21-12/21	Share Our Strength
	746,827	25%	3/16-2/21	USDA AFRI

	138,150	14%	10/16-9/20	USDA Higher Ed Challenge
	20,000	20%	3/18-10/18	USDA ERS
	40,000	20%	5/14-5/16	USDA ERS
	\$150,000	20%	1/13-12/14	USDA AFRI Seed
Co-I	115,000 of 750,000	15%	9/20-8/24	NIH NIDDK
	2.5 million	10%	9/18-8/23	CDC – HOP 1809
	20,000 of 400,00	5%	1/18-2/20	USDA NIFA Feeding America Subcontract
	2.5 million	15%	10/14-9/18	CDC – HOP 1807
	25,000 of 750,000	10%	5/13-5-15	NIH R24



\*Secured 50-80% of my salary through grant funding

\*46% grant funding rate

## **COMPETITIVE GRANT FUNDED PROJECT SUMMARIES**

### **Submitted Grants**

**Gustafson A**, Jones-Smith J, Courtemanche C, Darolia R, Gundersen C, Ziliak J. 9/30/2022 – 9/29/2026. National Institute of Health- National Institute Nursing Research R01. RFA – NR-22-001 Evaluating the Impact of Pandemic-related Food and Housing Policies and Programs on Health Outcomes in Health Disparity Populations. \$1.6 million (PI 30% effort, Nationally Competitive)

**Gustafson A**, McGuirt J, Anderson Steeves B, Williams L, Moser D. 09/30/2022 – 09/29/2026. National Institute of Health – National Cancer Institute R01. RFA-CA-20-051 *Social and Behavioral Intervention Research to Address Modifiable Risk Factors for Cancer in Rural Populations*. \$4.5 million (PI 40% effort, Nationally Competitive)

**Gustafson A**, Jones-Smith J, Walkinshaw L, Courtemanche C. 07/01/2022 – 06/30/2023. Robert Wood Johnson Foundation. COVID-19 impacts on food insecurity. (PI 25% effort, Nationally Competitive)

### **Awarded Grants in Progress**

1. **Gustafson A**. 1/25/2021 – 12/31/2021. *Online grocery shopping intervention as a way to improve food insecurity and dietary intake among low-income households*. Share Our Strength. \$190,000 Gustafson program \$190,000 (PI 40% effort, Industry Competitive)  
\*As PI, I lead day-to-day management of all grant activities, including supervision of data collection and publication results.
2. Williams L, Kiska A, Moser D, **Gustafson A**, Waters T. 9/1/2020 – 8/30/2024. Enhancing the Diabetes Prevention Program to promote weight loss among non-responders in a community-based lifestyle intervention – National Institute of Health (NIDDK). \$750,000. Gustafson portion \$115,000 (Co-I, 15% effort, Nationally Competitive)  
\*As Co-I, I lead the dietary intake assessments, data collection measures related to dietary intake, and assist with patient counseling, manuscripts, and presentations.
3. Hunter J, **Gustafson A**, Mullins J, Cardarelli K. 9/30/2018 – 8/31/2023. Centers for Disease Control and Prevention – Programs to Reduce Obesity in High Obesity Areas – 1809 \$2.5 million (Co-PI, 10% effort, Nationally Competitive)  
\*As Co-PI, I lead the day-to-day oversight of the grant, manage monthly meetings, maintain grant operations in Martin County, and oversee fidelity to process and evaluation measures.
4. **Gustafson A**. 7/1/2018-6/30/2022. Kentucky Department of Public Health – Subcontract of Centers for Disease Control and Prevention State Physical Activity and Nutrition. \$5 million. Gustafson program \$200,000 (PI, 20% effort, Nationally Competitive)  
\*As PI, I am the expert evaluator for the state level food service guidelines and provide technical assistance to local health departments.
5. **Gustafson A**, Hege A. (3/21/2017 – 9/30/2021) Hatch Funds/Multi-state project NC-1196. *Examining the impact of in-store marketing and product placement to reduce unhealthy purchases among low-income*. \$80,000 (PI, 10% effort, Internal Competitive)  
\*As PI, I lead the day-to-day operations, manage IRB, study measures, recruitment, and supervise graduate students participating in project.

### **Awarded Grants Completed**

6. **Gustafson A**, Jilcott-Pitts S, Mullins J, Bush H, Wall-Basset E, Babatunde T, Vail A. 3/1/2016-2/28/2021. United States Department of Agriculture – AFRI Childhood

Obesity Prevention grant (Integrated Standard Grant submission). *Smart Shopping - Food shopping intervention among adolescents*. 2015-07954. \$746,827 (PI, 25% effort, Nationally Competitive)

\*As PI, I lead the day-to-day operations and oversight of the grant, manuscript development, IRB, data presentations, and results.

7. Sandberg T (PI), Mullins J, **Gustafson A**. 1/30/2018 – 2/1/2020. United States Department of Agriculture – NIFA. *Farms to Food Banks Capacity-Building Project, Kentucky Association of Food Banks*. Subcontract through Feeding Kentucky. \$400,000. Gustafson portion \$20,000 (Co-I, 5% effort, Industry Competitive)  
\*As a Co-I, I assisted with data collection, data measures, and analyses.
8. **Gustafson A**, Stephenson T, Houlihan J, Hege A. 10/1/2016 – 9/30/2020. United States Department of Agriculture - Higher Education Challenge Grant NIFA-CGP-005716. *The Obesity Food Insecurity Paradox: Educating and empowering a diverse undergraduate student population through innovative curriculum and experiential learning opportunities*. \$138,150 (PI, 14% effort, Nationally Competitive).  
\*As PI, I led the day-to-day operations of the grant, created two new courses for DHN and a student mentoring program.
9. Vail A, Kurzynske J, **Gustafson A**, McGladrey M, Cardarelli K, Mullins J, Stephenson T. 10/1/2014 – 9/30/2018. Centers for Disease Control and Prevention - Programs to Reduce Obesity in High Obesity Areas. DP-14-1416. *Preventing Obesity in rural communities*. \$2.5 million (Co-PI, 15% effort, Nationally Competitive).  
\*The goal was to improve dietary intake and physical activity in six high obese counties. As Co-I, I lead all efforts related to improving food access and dietary intake across six counties in KY.
10. **Gustafson A**, 3/1/2018 – 8/31/2018. United States Department of Agriculture – Economic Research Service ERS. *SNAP Adequacy in Households with Adolescents*. \$20,000 (PI, 20% effort, Nationally Competitive).  
\*The goal of this project was to examine how SNAP benefits may be insufficient to meet nutritional demands among adolescents. I led all day-to-day efforts and data analyses.
11. **Gustafson A**, Schoenberg N. 5/7/14-5/6/16. United States Department of Agriculture -Economic Research Service [FoodAps Data] University of Kentucky Center for Poverty Research. Neighborhood Disadvantage, *Food store choice and purchasing habits association with dietary intake among SNAP and SNAP-eligible households*. \$40,000. (PI, 20% effort, Nationally Competitive).  
\*The goal of this grant was to examine the multi-level influences of food environment, neighborhood disadvantage on store choice, purchasing habits, and the interaction on key dietary outcomes. I led all day-to-day efforts related to data analyses and presentations of results.
12. Swanson M, Mullins J, Schoenberg N, **Gustafson A**. 5/15/2013-5/14/2015. National Institute of Health R24 Community Based Participatory Research Planning Grant –

National Institute Minority Health and Disparities. *Appalachians Together Restoring the Eating Environment (Appal-TREE)*. \$750,000. Gustafson program \$25,000. (Co-I, 10% effort, Nationally Competitive).

\*The goal of this grant was to develop community resources aimed at improving access and availability to healthy food within the Appalachian region. I assisted with dietary intake efforts.

13. **Gustafson A**, Taylor C, Adams I, Spees C. 1/1/2013-12/31/2014. United States Department of Agriculture Seed Grant AFRI. *Adolescent and parent food activity patterns as drivers in dietary intake*. \$150,000. (PI, 20% effort, Nationally Competitive).

\*The goal of this grant was to understand how adolescents, peers, and parents interact with each other, in-regards to food purchasing and travel patterns which influence dietary intake.

### **Submitted Unfunded Grants - Nationally Competitive**

**Gustafson A**, Aull M, Walters J. Farm to School. 10/1/2020 – 9/30/2022. United States Department of Agriculture – NIFA. *Food and Agriculture Service Implementation Project (FASIP). Farm to School in Rural Kentucky: The Three C's*. \$223,000 (PI, 15% effort, Nationally Competitive).

Scored – Outstanding Priority ranked 7. Not enough funding due to COVID, top 5 were awarded funds.

**Gustafson A**, Evenson K, Jilcott Pitts S, Beck A. 10/1/2020 – 9/30/2022. National Institute of Health – National Cancer Institute. Time Sensitive Obesity Policy R01. *Community led infrastructure and place based behavioral nudges as an approach to reduce obesity and cancer risk in rural high poverty county*. \$976,612 (PI, 40% effort, Nationally Competitive).

Scored – 43%

**Gustafson A**, Norman H, Jilcott Pitts S, Maslow L. 10/1/2020 – 9/30/2025. United States Department of Agriculture – NIFA. *Geo-targeted text message intervention as a way to improve fruit and vegetable intake among rural residents*. \$ 840,000 (PI, 25% effort, Nationally Competitive).

Scored – Highest Priority

**Gustafson, A**. Stephenson T, Placencia J. United States Department of Agriculture – NIFA **Submitted 6/1/2019**. Higher Education Challenge Grant. *Global foods and culinary medicine with links to health disparity and equity*. \$300,000 (PI, 15% effort, Nationally Competitive). Scored High Priority

**Gustafson, A** Jacobson K, Niewolny K, Stephenson L. Coordinated agriculture project – United States Department of Agriculture – SAS **Submitted 7/15/2019**. *A Nutrition-Sensitive Agriculture Approach to Enhance rural economic growth and health*. \$7.5 million (PI, 30% effort, Nationally Competitive) Not Scored

**Gustafson A**, Valle C, Evenson K, Jilcott Pitts S. **Submitted 3/6/2020**. National Institute of Health – National Cancer Institute R01. *Community led infrastructure and place based behavioral nudges as an approach to reduce obesity and cancer risk in a rural high poverty county*. \$3 million (PI 30% effort, Nationally Competitive). Impact Score: 52 percentile 46%

**Gustafson A**, Mudd G, Moser D, Valle C, Jilcott Pitts S. **Submitted 6/5/2019** National Institute of Health - National Institute Nursing Research R01. *Geotargeted text message intervention among rural adolescents aimed to improve fruit, vegetable, and low-calorie beverage intake*. \$3 million (PI, 30% effort, Nationally Competitive). Impact Score: 59 percentile 53%

**Gustafson A. First submission 7/01/2015; Second submission 11/01/2015** National Institute of Health - National Institute Nursing Research. *Connecting together for a healthy weight: an evidence-based weight loss intervention among rural residents*. \$300,000 (PI) First submission Impact Score 56; Second submission **Impact Score 53**.

**Gustafson A Submitted 10/6/2014**. National Institute Health – National Cancer Institute R01. *Association between home and community food environments and implementation of school “smart snack” policies*. \$1 million (PI, 30% Effort, Nationally Competitive). Scored: Not Discussed

**Gustafson A**, 2/12/2012 National Institute of Health- National Institute of Child Health and Human Development R03. *Appalachian children move more together*. \$150,000 (PI). Scored: Not Discussed

## **PUBLICATIONS**

3 total refereed journal articles, 16 first author, 14 results from grant, 11 graduate student participants

### **Summary of Scholarly Metrics (3.14.21)**

#### **Citation Analysis**

H-Index: 14

Total Citations: 1,169

Highly Influential Citations: 54

Peer Reviewed Journal Articles since start of tenure track in 2011: 33

#### **Impact Factor (IF) and Cite Score of most frequently published journals**

- Public Health Nutrition – IF 3.18 Cite Score 4.9
- Nutrients – IF 3.2 Cite Score 4.51
- Preventing Chronic Disease IF 2.14 Cite Score 2.3

#### **Indicators**

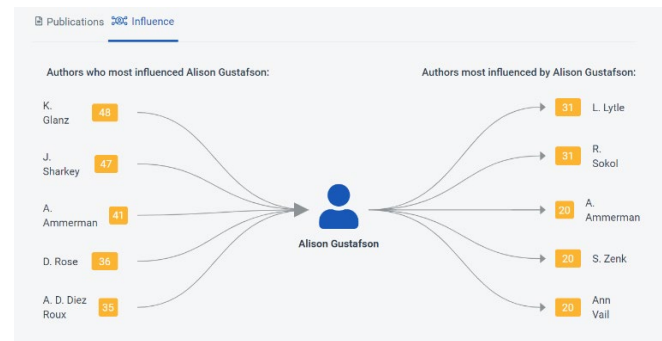


\* student involvement  
+ grant related  
IF impact factor  
Last author is senior author  
First author is corresponding author and lead author on manuscript

## Refereed Journal Articles

1. Gillespie R, DeWitt E, Slone S, Cardarelli K, Gustafson A. – The impact of a grocery store closure in one rural highly obese Appalachian community on shopping behavior and dietary intake. *IJERPH* 2022 Apr
2. **Gustafson A+**, Gillespie R, Pitts JB, Hayes-Maslow L. Online grocery shopping barriers and facilitators among rural and urban adults – how can we improve our shopping landscape. *IJERPH* 2022 Jan 13;19
3. Norman-Burgdolf H, DeWitt E, Cardarelli K, Gillespie R, Slone S, **Gustafson A**. Sugar-sweetened beverage consumption among adults in rural Appalachia. *Prev Med Reports* 2021 Nov 18; 24
4. Gillespie R, DeWitt E, Dunn B, Slone S, **Gustafson A+**. Community based efforts to improve food access within a rural highly obese Appalachian county. *International Journal of Environmental Research and Public Health (IJERPH)*. 2021 [accepted for publication]  
Senior author on the paper responsible for overseeing all aspects with manuscript development, editing, and conceptualizing of study.
5. DeWitt E, Gillespie R, Norman H, Slone S, **Gustafson A+**. Rural SNAP participants and food insecurity: how can communities leverage resources to meet the growing food insecurity status of rural and low-income residents. *IJERPH* 2020 Aug 19;17(17) IF 2.3  
Senior author on the paper responsible for overseeing all aspects with manuscript development, editing, and conceptualizing of manuscript.
6. Jilcott-Pitts S, Ng S, Blitstein JL, **Gustafson A+**, Kelly CJ, Pandaya S, Weismiller H. Perceived advantages and disadvantages of online grocery shopping among supplemental nutrition program and women infant and children participants in Eastern North Carolina. *Curr Dev Nutr* 2020 Apr 16;4(5) IF 4.171  
Contributing author on manuscript responsible for reviewing of drafts, contributing to methods section, and edits.
7. **Gustafson A+**, Jilcott Pitts S, McQuerry K, Toyin, Mullins J. A mentor-led text-message intervention increases fruits and vegetables and goal setting for healthier dietary consumption among rural adolescents in Kentucky and North Carolina, 2017. *Nutrients* 2019 11(3), 593 IF 4.171  
Lead author on the manuscript responsible for data collection, analyses, draft of all versions, final edits, and submission.

8. **Gustafson A+**, Ng SW, Jilcott Pitts S. The association between the Plate it Up Kentucky supermarket intervention and changes in grocery shopping practices among rural residents. *Translational Behavioral Medicine* 2019, v.9, issue 5, Oct. 2019 pp 865-874 IF 2.521  
Lead author on the manuscript responsible for data collection, analyses, draft of all versions, final edits, and submission.



9. **Gustafson A+**, Kurzynke J, J Mullins, Cardarelli K, McGladrey M, Stephenson T, Vail A. Community-wide efforts to improve the consumer food environment and physical activity resources as a way to improve dietary intake and physical activity in rural obese counties, Kentucky 2015-2017. *Journal Preventing Chronic Disease* 2019; Jan 17; 16:E07 IF 2.038  
Lead author on the manuscript responsible for data collection, analyses, draft of all versions, final edits, and submission.
10. Jilcott Pitts SB, Ng SW, Blitstein JL, **Gustafson A**, Niculescu M. Online grocery shopping: promise and pitfalls for healthier food and beverage purchases. *Public Health Nutr.* 2018 Dec; 21(18) 3360-3376. IF 2.483  
Contributing author on manuscript responsible for reviewing of drafts, contributing to methods section, and edits.
11. McGuirt J, Jilcott Pitts S, **Gustafson A**. Associations between objectively-assessed spatial access to food venues, frequency of food shopping, fruit and vegetable purchase, and consumption among Eastern North Carolina supermarket customers. *Nutrients* 2018 Dec 13; 10 (12) IF 4.171  
Contributing author on manuscript responsible for reviewing of drafts, contributing to methods section, and edits.
12. Stephenson T, Houlihan J, **Gustafson A+**. The Obesity Food Insecurity Paradox: student Focus Group Development of Innovative Curriculum. *Journal Nutrition Education Behavior* 2018 50(7) IF 2.5  
Senior author on the paper responsible for overseeing all aspects with manuscript development, editing, and conceptualizing of manuscript.
13. **Gustafson A**, Jilcott Pitts S, Gillespie R\*, Ford H\*, McDonald J\*, Connelly P, Mullins J. Direct effects of the home, school, and consumer food environments on the association between food purchasing patterns and dietary intake among rural adolescents in Kentucky and North Carolina, 2017. *International Journal Environmental Rural Public Health* October 2017 IF 2.145 116/241

14. **Gustafson A+**, McGladrey M, Webber K, Butterworth B, Liu E\*, Peritore N, Vail A. Examining Key Stakeholder and Community Residents' Understanding of Environmental Influences to Inform Place-Based Interventions to Reduce Obesity in Rural Communities, Kentucky 2015. *Journal Rural Health* July 7, 2017 IF 2.471
15. Dewitt E\*, Stephenson T, Webber K, **Gustafson A+**. Community-Based Marketing Campaign at Farmers' Markets as a way to Encourage Fruit and Vegetable Purchases Among Rural Obese Counties, Kentucky, 2015-2016. *Journal Preventing Chronic Disease* 2017 IF 2.038
16. **Gustafson A+**. Shopping pattern and food purchase difference among Supplemental Nutrition Assistance Program (SNAP) households and Non-Supplemental Nutrition Assistance Program households in the United States. *Preventive Medicine Reports* 2017 IF 2.4
17. Liu E\*, Stephenson T, Houlihan J, **Gustafson A+**. Marketing Strategies to Encourage Rural Residents of High-Obesity Counties to Buy Fruits and Vegetables in Grocery Stores. *Journal Preventing Chronic Disease* 2017 v.4 October 12, 2017 IF 2.038
18. Byker Shanks C, Jilcott-Pitts S, **Gustafson A**. Development and validation of a farmers' market audit tool in rural and urban communities. *Journal of Health Promotion Practice* 2015 Nov;16(6): 859-66 Impact Factor 2.55
19. **Gustafson A+**, Putnam N, Adams I, Christian J, Spees C, Taylor C. Family Meals and neighborhood food resources influence on intake of sugar-sweetened beverages and added sugars among parents and adolescents in rural communities. *Journal of Community Medicine & Health Education* 2014 4:300. doi: 10.4172/2161-0711.1000300 IF 1.4
20. DeMarco M, **Gustafson A**, Gizlice Z, Ammerman A. Locally-grown Fruit and Vegetable Purchasing Habits the Association with Children's Diet. *Journal of Hunger and Environmental Nutrition* 2014 8:372-387
21. Jilcott-Pitts S, **Gustafson A**, Keyserling T, Rafferty A, Ammerman A. Barriers and Motivators for farmers' market shopping among rural communities. *Nutrition Journal* 2014 Jan 9; 13:1 PMC3896848
22. Sorge K\*, **Gustafson A**. Proximity to Conveniences Stores and Dietary Intake among Supplemental Nutrition Assistance Program Participants in Fayette Co, Kentucky, 2010-2011. *Journal of Community Medicine and Health* 2013 Oct 9; 3:241 IF 1.2
23. **Gustafson A**, Perkins S, Lewis S\*, Buckner E, Mullins, J, Vail A. Association between the retail food environment, neighborhood deprivation, and county-level dietary outcomes among Supplemental Nutrition Assistance Program –

Education (SNAP-Ed) recipients in Kentucky, 2010-2011. *Journal of Hunger and Environmental Nutrition* 2013 8:362-377 IF 1.06

24. **Gustafson A**, Lewis S\*, Perkins S, Wilson C, Buckner E, Vail A. Neighborhood and Consumer Food Environment is associated with dietary intake among Supplemental Nutrition Assistance Program (SNAP) participants in Fayette County, Kentucky. *Public Health Nutrition* 2013 Jul 16(7):1229-37 IF 2.483 Cited 52
25. **Gustafson A+**, Jilcott-Pitts S, Lewis S\*, Moore K, Food venue choice, consumer food environment, but not food venue availability within daily travel patterns are associated with dietary intake among adults, Lexington Kentucky 2011 *Nutrition Journal* Jan 29;12:17 IF 2.6 Cited 138
26. Samuel-Hodge C, Garcia B, Johnston L, Gizlice Z, Ni A, Cai J, Kraschnewski J, **Gustafson A**, Norwood A, Glasgow R, Gold A, Keyserling T. Translation of a Behavioral Weight Loss Intervention for Mid-life, Low-Income Women in Local Health Departments, *Obesity* (Spring). 2013 Feb 14 IF 3.614
27. Lucan S, **Gustafson A**, Jilcott-Pitt S, The Concept of “rural food deserts” is still meaningful. *Childhood Obesity* 20122012; Oct 8(5): 484-5 IF 2.426
28. **Gustafson A**, Lewis S\*, Wilson C, Jilcott-Pitts S, Validation of food store environment secondary data source and the role of neighborhood deprivation in Appalachia, Kentucky. *BMC Public Health* 2012 Aug 22;12(1):688 IF 2.56
29. **Gustafson A**, Jesse Jones-Smith, Sharkey J, Samuel-Hodge C, Cai J, Ammerman A. Food environment modifies intervention effect of fruit and vegetable serving change on low-income women, *Journal of Nutrition and Human Metabolism* Volume 2012;932653:1-8 PMC3270418 IF 1.72
30. Samuel-Hodge C, Garcia B, Johnston L, **Gustafson A**, Gizlice Z, Kraschnewski J, Norwood A, Keyserling T. Rationale, Design, and Sample Characteristics of a Type 2 Translation Randomized Controlled Trial to Assess a Weight Loss Intervention for Low Income Women: The Weight-Wise II Program, *Contemporary Clinical Trials* 2012 Jan33(1):93-103 IF 1.01
31. **Gustafson A**, Hankins S, Jilcott SB. Measurement of the consumer food environment: a systematic review of the evidence 2000-2011, *Journal of Community Health* 2012 Jan 37(4):897-911 IF 2.5
32. **Gustafson A**, Sharkey J, Samuel-Hodge C, Jones-Smith J, Folds M, Cai J, Ammerman A. Perceived and Objective measures of the food store environment

as a determinant in diet and weight among low-income women, *Public Health Nutrition* 2011 Jun 14(6):1032-8 PMC 21324229 IF 4.3 Cited 161

33. **Gustafson A**, Samuel-Hodge C, Garcia B, Johnston L, Lindsley S, Bramble K, Khavlou O, Keyserling T, Gizlice Z. Cost-effectiveness of a WISEWOMAN weight loss control intervention among low-income midlife women, *Prev Medicine* 2009 Nov;49(5):390-5 IF 1.53
34. Tate DF, Finkelstein EA, Khavjou O, **Gustafson A**. Cost Effectiveness of Internet Interventions: Review and Recommendations, *Annals Behavioral Medicine* 2009 Aug;38(1):40-5 IF 3.118 Cited 263
35. Kraschnewski J, Gizlice Z, Samuel-Hodge C, **Gustafson A**, Keyserling T. Optimized Probability Sampling of Study Sites: An approach to improving generalizability in a type 2 translational study of an intensive behavioral weight loss intervention, *Preventing Chronic Disease* 2010 Jan;7(1):A10 IF 2.038

## **TECHNICAL REPORTS**

1. White House Report President Obama (2015)\_*Long-term Benefits o the Supplemental Nutrition Assistance Program*  
[https://obamawhitehouse.archives.gov/sites/whitehouse.gov/files/documents/SNAP\\_report\\_final\\_nonembargo.pdf](https://obamawhitehouse.archives.gov/sites/whitehouse.gov/files/documents/SNAP_report_final_nonembargo.pdf)
2. Purdue University Family Impact Institute October 4, 2013  
<https://www.purdue.edu/hhs/hdfs/fii/publications/kentucky-family-impact-seminar-1-243/>
3. Aprifel (2011) *Food Venue Choice, Consumer Food Environment*  
<https://www.aprifel.com/fr/resume-scientifique/food-venue-choice-consumer-food-environment-but-not-food/>
4. California Department of Agriculture April 18, 2016 <https://agnetwest.com/teens-snacks/>

## **PRESENTATIONS**

9 invited oral presentations (7 grant-related), 22 invited posters (14 grant-related and 7 student involvement)

### **Indicators**

\* student involvement  
( ) grant related

### **Invited Presentations as Key Speaker**

1. National Institute of Health: Food Insecurity, Neighborhood Food Environment, and Nutrition Health Disparities: State of the Science – Changing Landscape of the rural food environment. Virtual. September 21 – 23, 2021.
2. No Kid Hungry Rural Hunger Summit – “Online delivery of Supplemental Nutrition Assistance Program – Promises and Pitfalls” Washington D.C. March 23, 2021.
3. Partnership for Fit Kentucky “Food choices in Communities: How small changes can make a big difference” Frankfort KY January 29, 2021.
4. NIH/NCI Society for Prevention Research – Washington D.C. July 25, 2020
5. Nutrition and Obesity Policy Research and Evaluation Network (NOPREN) “Community based approaches to reduce obesity in rural communities” Fall 2019
6. Kentucky Family Impact Seminar – Spring 2012

### **Invited Oral Presentations - Conferences**

1. Gillespie R, DeWitt E, **Gustafson A**. Marketing approaches with gas stations in rural communities to improve purchases. Society Behavioral Medicine. April 2021  
(**CDC Grant**)
2. **Gustafson A**, Gillespie R. Community based efforts to improve fruit and vegetable intake. International Society Behavioral Nutrition and Physical Activity. June 2019  
(**CDC Grant**)
3. **Gustafson A**, Sandberg T, Vaughn S. Farms to Food Banks - How to Improve Food Security and Improve Food Systems at the Same Time. Association for the Study of Food and Society Anchorage, Alaska. June 2019  
(**USDA Hatch Grant**)
4. **Gustafson A**, Jilcott Pitts S. Eating as connection and place. Association for the Study of Food and Society. Madison, WI – AFHVS. June 2018  
(**USDA Hatch Grant**)
5. **Gustafson A**, Jilcott Pitts SB. Peer led text message intervention effect on dietary intake among rural adolescents. Society Nutrition Education and Behavior. July 2018 (**USDA AFRI Grant**)
6. **Gustafson A**, Liu E\*, Dewitt E, Stephenson T, Vail A. In-store marketing efforts to improve the food store environment in high obese counties. International Society Behavioral Nutrition and Physical Activity. June 2017  
(**CDC Grant**)
7. **Gustafson A**, How Adolescents and Parents Food Shopping Patterns and Social Interaction When Shopping is Associated with Dietary Outcomes in Rural Communities. Society Nutrition Education and Behavior. July 2016  
(**USDA AFRI Grant**)

8. **Gustafson A**, Jilcott SB, Hankin S. Measurement of the consumer food environment: a systematic review of the evidence 2000-2011 International Society Behavioral Nutrition and Physical Activity Annual Meeting. June 2012
9. **Gustafson A**, Jilcott S, Christian J, Lewis S, Wilson C. Neighborhood deprivation and the retail food environment in rural Appalachia. International Society Behavioral Nutrition and Physical Activity. June 2012

### **Invited Poster Presentations**

1. McGuirt J, Ammerman A, **Gustafson A**. Development of a place based behavioral “nudge” technology intervention to promote healthier food purchases among military service members at Fort Bragg. American Public Health Association. June 2021
2. Gillespie R, DeWitt E, **Gustafson A**. Direct Marketing and Push Notifications as a Mode to Improve Food Choices in Rural Food Environments in which Food Accessibility is Limited. Society Behavioral Medicine. April 2021  
(CDC Grant)
3. Gillespie R, DeWitt E, **Gustafson A**. Affective Place-Based Messaging May Be an Effective Approach to Improving Health Outcomes in Appalachian Counties. Appalachian Translational Research Network (ATRN). September 2020  
(USDA Hatch and Buster Award)
4. Cardarelli K, DeWitt E, Gillespie R, **Gustafson A**. Association between shopping behavior of SNAP recipients in an impoverished highly obese rural Appalachian county. American Public Health Association. October 2020  
(CDC Grant)
5. Gillespie R, DeWitt E, **Gustafson A**. Role of Incentive Influence on Food Purchasing Behavior in an Impoverished Rural Food Environment. International Society of Behavioral Nutrition and Physical Activity. June 2020  
(CDC Grant)
6. Gillespie R, **Gustafson A**. Place Based Text Messages as an Approach to Improve Fruits and Vegetable Intake Among Rural Food Insecure Adults. Society Behavioral Medicine. April 2020  
(USDA Hatch Grant)
7. Coldiron K\*, Jilcott Pitts SB, **Gustafson A**. Social Cohesion Interaction with Text Message Intervention Effect on Fast Food Frequency. Society Nutrition Education Behavior. July 2019  
(CDC Grant)
8. Dewitt E\*, Stephenson T, **Gustafson A**. Community-Based Marketing Campaign at Farmers' Markets as a way to Encourage Fruit and Vegetable Purchases Among Rural Obese Counties, Kentucky. Society Nutrition Education and Behavior. July 2017

(CDC Grant)

9. **Gustafson A.** How technology can improve dietary intake among rural adolescents. Obesity Society, Nashville, TN. October 2017  
(USDA AFRI Grant)
10. **Gustafson A,** Jilcott-Pitts S, Mullins J. Multilevel determinants in adolescents' food shopping choices. Society Nutrition Education and Behavior. July 2017  
(USDA AFRI Grant)
11. **Gustafson A,** McGladrey M, Vail A. Social marketing grocery store intervention in rural communities as a way to improve dietary intake. International Society Behavioral Nutrition and Physical Activity. Edinburgh, Scotland. June 2017  
(CDC Grant)
12. **Gustafson A,** Liu E\*, Bush H. Concern about healthy eating among households with an adolescent in Appalachian Kentucky. Society Nutrition Education and Behavior. July 2016  
(USDA AFRI Grant)
13. **Gustafson A,** Qishan Wu, Saulnier M\*, Spees C, The S, Adams I, Bush H, Taylor C.  
Linking together the home food environment and dietary intake. International Society Behavioral Nutrition and Physical Activity. June 2015  
(USDA AFRI grant)
14. **Gustafson A,** Jilcott Pitts S. Measures of the consumer and school food environment as factors in dietary intake and obesity status among rural adolescents. Society Nutrition Education Behavior. July 2015  
(USDA AFRI Grant)
15. **Gustafson A,** Allen J, Schoenberg N, Swanson M, Jones-Smith J. Neighborhood Food Environment as a determinant on store choice and purchasing choices among Supplemental Nutrition Assistance Program (SNAP) households and SNAP eligible but not participating households. International Society Behavioral Nutrition and Physical Activity. June 2015  
(USDA ERS FoodAps Grant)
16. Jarrel A\*, **Gustafson A.** Association between use of emerging technologies for individual nutrition and effectiveness at maintaining and improving overall health 2013. Society Behavioral Medicine. April 2013
17. Tift N\*, **Gustafson A.** Food Shopping Behaviors among College Students and Association with Diet. International Society Behavioral Nutrition and Physical Activity June 2012



18. **Gustafson A**, Sharkey J, Samuel-Hodge C, Jones-Smith J, Cai J, Ammerman A. Food environment as a modifier in a behavioral weight loss intervention. Obesity Society. October 2011
19. **Gustafson A**, Sharkey J, Samuel-Hodge C, Jones-Smith J, Folds M, Cai J, Ammerman A. Perceived and Objective measures of the food store environment as a determinant in diet and weight among low-income women. International Society Behavioral Nutrition and Physical Activity. June 2011
20. **Gustafson A**, Samuel-Hodge C, Lindsley, S, Bramble K, Garcia B, Johnston L, Hardy T\*, Keyserling T, Ziya Gizlice, Will J, Khavjou O, Ammerman A. Cost-effectiveness of a WISEWOMAN behavioral weight loss intervention for low-income women: The Weight Wise Program. American Public Health Association, San Diego, CA. October 2008
21. **Gustafson A**, Samuel-Hodge C, Khavjou O, Keyserling T, Lindsley S, Garcia B, et al. Cost Effectiveness of a WISEWOMAN Behavioral Weight Loss Intervention for Low-Income Women: The Weight-Wise Program. Obesity Society, Phoenix, AZ. October 2008.
22. **Gustafson A**, Samuel-Hodge C, Keyserling T, Garcia B, Lindsley S, Bramble K, Johnston L, Gizlice Z, Ammerman A. Poor sleep quality and night-time eating among midlife low-income women in a weight management intervention study. Obesity Society 2007 Supplement

### Media Highlights

- USA Today  
<https://www.newswise.com/articles/going-to-the-grocery-isn-t-just-for-shopping-for-dietetics-human-nutrition-researcher>  
<http://southeastagnet.com/2016/04/15/teens-snacks/>  
<https://www.wuky.org/post/obesity-prevention-program-use-social-media-peer-mentoring-rural-teenagers#stream/0>
- SEC - You Tube presentation  
<https://www.youtube.com/watch?v=RBz5BApmdGQ>
- Spectrum News “Hunger in Kentucky” -  
<https://spectrumnews1.com/ky/louisville/shows/2018/02/04/sstop-hunger-group-amanda-hege-dr-alison-gustafson>
- NPR –  
<https://uknow.uky.edu/campus-news/uk-working-combat-martin-co-obesity-rates>
- UK at the Half - <https://uknow.uky.edu/campus-news/behind-blue-uk-s-alison-gustafson-helps-kentuckians-eat-healthier-and-fight-obesity>
- UK at the Half - <https://www.stitcher.com/show/behind-the-blue/episode/april-30-2019-alison-gustafson-dietetics-and-human-nutrition-60368438>

# **SERVICE**

## **National**

### **Outside Expert Tenure and Promotion**

Expert reviewer for promotion from Assistant to Associate Professor: 1) Dr. Caspi University of Minnesota 2019; 2) Dr. Hedrick Virginia Tech 2020

### **Grant Review Panels**

- 2020 USDA – NIFA Small Business Innovation Research (SBIR) COVID-19 Rapid Response
- 2020 Tufts University – State agencies promoting telehealth
- 2020 SNAP-Ed Technical Working Group Expert on SNAP-Ed and Nutrition Interventions
- 2020 Tufts University and Walmart Foundation technical expert for online grocery shopping
- 2018 University of Maryland Grant review for community health
- 2016 National Health Interview Survey University of Kentucky Center Poverty Research February 2016
- 2016 USDA AFRI Childhood Obesity grant review panel
- 2015 USDA Delta ARS review panel - Obesity Prevention

### ***Nutrients Journal Editor 2019 - present***

As journal editor I review manuscripts for the special study section “Environmental determinant of food insecurity” and invite authors to submit manuscript for review. I review peer reviewed comments and summarize points of reviewers for manuscript authors. I submit recommendation to journal editor for final decision regarding publication decisions.

### **Journal Contributions**

- Reviewer *Journal Academy Nutrition and Dietetics*
- Reviewer *Journal American Journal Health Promotion*
- Adjunct reviewer – *Social Science Medicine, Annals Behavioral Medicine, BMC Public Health, Public Health Nutrition, Annals Family Medicine, Preventive Medicine, Journal Public Health and Management, American Journal Preventive Medicine, Journal Nutrition Education and Behavior, Journal Rural Health*

## **University**

- University Senate 2019-2022
- Vice President for Research (VPR) Data Management Task Force 2022
- Chair Senate Committee on Research and Graduate Education 2021-2022
- Senate Committee and Research and Education 2019-2022
- Office of Research Integrity Non-medical Internal Review Board (IRB) 2014-2015

## **College**

- Faculty Council 2017-2019
- Graduate Faculty Council 2018-2020
- Human Environmental Science Graduate School Award Committee 2018-2020
- Human Environmental Science International Travel Committee 2017-2019
- Promotion and Tenure Committee 2017-2019
- Hiring committee Associate Dean of Research 2016
- Research Associate Food Systems Innovation Center 2013-2019
- Sustainable Agriculture Food Systems Working Group 2013-2018
- Search Committee - Associate Dean of Research College of Agriculture, Food, and Environment 2014
- Screening Committee - Food Connection Director College of Agriculture, Food, and Environment 2014

## **Department**

- Assistant Professor DHN Hiring Chair 2016, 2017, 2018 (Drs. Norman-Burgdolf, Flack, Shoemaker, Barr)
- Lecturer DHN Hiring Chair, 2016 (Yolanda Jackson)
- Department (DHN) Accreditation Review Committee 2015

## **PROFESSIONAL MEMBERSHIPS**

- Academy Nutrition and Dietetics 1998 – present
- International Society Behavioral Nutrition and Physical Activity 2006 - present
- Academy Nutrition and Dietetics Research Practice Group 2010 - present
- Society Nutrition Education and Behavior 2011 – present
- Society Behavioral Medicine 2012 - present
- Agriculture, Food, and Human Values Society 2014 - present
- Association for the Study of Food and Society 2014 – present
- Obesity Society 2010 - 2017