
Alison Gustafson PhD, MPH, RD

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Alison.Gustafson@uky.edu

Assistant Professor June 2011– University of Kentucky Department of Human Nutrition and Dietetics 55% research 45% teaching

RESEARCH Extramural – Total Grants \$2.74 million

My research focus is on understanding the interdependent nature between the individual and their food environment. Specifically, my research addresses the food environment as a distal determinant in diet and weight among low-income and rural communities.

Gustafson A, Schoenberg N, Swanson M, Allen J. United States Department of Agriculture - Economic Research Service. \$39,834. Principal Investigator. (2014-2016) 15%

Vail A, Mullins J, Bastin S, **Gustafson A**, Stephenson T, Brewer D, Webber K. Centers for Disease Control and Prevention - Programs to Reduce Obesity in High Obesity Areas. DP-14-1416 \$1.8 million. Co-Investigator (2014-2017) 10%

Gustafson A, Taylor C. United States Department of Agriculture Seed Grant AFRI. \$150,000. Principal Investigator. Food activity patterns as drivers in adolescent dietary intake (2013-2014) Principal Investigator, 15%

Swanson M (PI), Schoenberg N, Mullins J, Davies A, **Gustafson A**. National Institute of Health R24 Community Based Participatory Research Planning Grant. Appalachians Together Restoring the Eating Environment (Appal-TREE 2013-2015). \$750,000. Co-Investigator, 10%

COMPLETED Research

Stephenson L, Swanson M, Mullins J, **Gustafson A**. United States Department of Agriculture Model of SNAP-ED Education and Evaluation Project (2010-2013) \$100,000. Co-Principal Investigator, 5%

RESEARCH Intramural

Gustafson, A School Human Environmental Sciences Research Activity Award. Farmers' Markets impact on the health of communities (2012-2013). \$3,500 Principal Investigator.

AWARDS

National Institute of Health – National Institute Minority Health Disparities Loan Repayment Program (2012-2014 and 2014-2016 renewal). \$45,000. Principal Investigator

Wethington Award \$4,000 The University of Kentucky

Submitted

Gustafson A, Schoenberg N, Swanson M, Bush H, Ammerman A, Jilcott-Pitts S, Moore J, Nanney S. National Institute of Health R01 - Behavioral Sciences. Multi-state Association between the community and home food environment with implementation of Smart Snack School Policies. \$2.5 million. Principal Investigator. Nationally competitive submitted September 2014

Schoenberg N, Swanson M, Gustafson A. National Institute of Health - Behavioral Sciences. Grandfamilies and Gardens. \$275,000. Co-Principal Investigator. Nationally competitive submitted September 2013 rejected and resubmitted April 2014.

Submitted and Not- Funded RESEARCH

Gustafson A, Dignan M, Halgin M, Rose S, Bush H. R21 National Institute of Health Behavioral Sciences. Connecting Together for a healthy weight- weight loss intervention among rural young adult women with type 2 diabetes. \$275,000. Principal Investigator. Nationally competitive submitted September 2012 impact score 52; resubmitted May 2013. Impact score 41

Gustafson A, Erwin H. Healthy Habits R03. National Institute of Health (NIH) \$100,000. Principal Investigator. Nationally competitive submitted 10/5/2011 (resubmitted Feb 2013)

Gustafson A, Tyler C, Adams I. Food activity space patterns among adults in Kentucky and Ohio. Center for Clinical Translation – Joint Activity Grant with Ohio State \$50,000. Internal Submitted 6/5/2012

Gustafson A. Childhood Obesity Prevention Grant. American Dietetic Association Foundation \$35,000. Principal Investigator. Nationally competitive submitted 8/15/2011

Gustafson A, Erwin H. Center for Clinical and Translational Science – Community Engagement, University of Kentucky \$50,000. Principal Investigator. Submitted 8/10/2011

GRADUATE STUDENT ADVISING

Kara Hagan, MS, 2012, co-advisor

Sarah Lewis, MS, June 2013 advisor and chair

Malory Foster, MS, November 2013 expected defense, co-advisor

Sarah Perkins, MS, November 2013 advisor and chair

Crystal West, MS, July 2014 advisor and chair

Matthew Saulnier, MS, December 2015 advisor and chair

TEACHING

NFS 474 Research Theory Section 001 Fall 2011 47 students enrolled 3.3 evaluation

Fall 2012 41 students enrolled 3.7 evaluation

Fall 2013 77 students enrolled 3.4 evaluation

Fall 2014

NFS 475 Research Application Section 001 Spring 2012 47 students enrolled 3.6 evaluation
Spring 2013 41 students enrolled 3.6 evaluation
Spring 2014 77 students enrolled 3.7 evaluation
Spring 2015
NFS 403 Community Nutrition Section 001 Spring 2012 102 students enrolled 3.3 evaluation
Spring 2013 138 students enrolled 3.3 evaluation
DHN 318 Hunger, Food, and Environment Spring 2015

UNDERGRADUATE ADVISING

DHN 475 – Advising close to 50 students on research projects which result in poster presentation at UK Showcase of Scholars Research Day

Kelly Sorge, BS Dietetics Advising on research topic: Corner Store access among SNAP participants and the association with diet. Published paper as first author. Graduate date 2013

Alyssa Jarrell, BS Human Nutrition. Advised on research topic: “Association between use of emerging technologies for individual nutrition and effectiveness at maintaining and improving health”. [Poster Presentation Society Behavioral Medicine Annual Meeting 2013]. Graduation date May 2012

Nicole Tifft, BS Human Nutrition. Advised on research topic: Food Shopping Behaviors among College Students and Association with Diet [Poster Presentation International Society Behavioral Nutrition and Physical Activity Annual Meeting 2012]. Graduation date May 2012

PUBLICATIONS

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 Impact Factor 2.13

Gustafson A, Qishan Wu, Spees C, Putnam N, Adams I, Harp D, Bush H, Taylor C. How adolescents and parents food shopping patterns and social interaction when shopping is associated with dietary outcomes in rural communities. *Journal Obesity and Weight Loss Therapy* 2014 2165-7905 4:214 Impact Factor 1.75

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 Impact Factor 2.08

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 Impact Factor 2.63

Sorge K (student paper), **Gustafson A**. Proximity to Convenience 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 Impact Factor 2.13

Gustafson A, Lewis S, Perkins S, Vail A, Mullins J, Buckner E, Jilcott-Pitts S. 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 Impact factor 2.08

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* Jul;16(7):1229-37 Impact Factor 2.17

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 Impact Factor 2.63

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* Sep;21(9):1764-73 Impact Factor 4.65

Gustafson A, Lewis S, Wilson C, Jilcott-Pitt 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 Impact Factor 2.00

Lucan S, **Gustafson A**, Jilcott-Pitt S. The Concept of “rural food deserts” is still meaningful. *Childhood Obesity* 2012; Oct 8(5): 484-5 Impact Factor 1.78

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 Impact Factor 2.89

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 Jan;33(1):93-103 Impact Factor 1.892

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 Impact Factor 1.491

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 Impact Factor 2.169

Tate DF, Finkelstein EA, Khavjou O, **Gustafson A**. Cost Effectiveness of Internet Interventions: Review and Recommendations, *Annals Behavioral Medicine* 2009

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* 2009

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

Gustafson A, Cavallo D, Paxton A. Linking Homegrown and Locally Produced Fruits and Vegetables to Improving Access and Intake in Communities through Policy and Environmental Change, *JADA* April 2007

Ammerman A, Cavallo D, Leung M, **Gustafson A**. *Farm, Food, Health: How Public Policy Affects Childhood Nutrition*. Harvard Health Policy Review Fall 2006 v. 7;152-165.

PUBLICATIONS UNDER REVIEW

Byker C, Jilcott-Pitts S, **Gustafson A**. Development of Farmers' Market audit tool. *Journal Community Health* [under review 2014]

PRESENTATIONS

Gustafson A. Society Nutrition Education and Behavior Poster presentation 2014

Jarrel A (student), **Gustafson A**. Association between use of emerging technologies for individual nutrition and effectiveness at maintaining and improving overall health 2013 [Poster presentation Society Behavioral Medicine Annual Meeting 2013]

Gustafson A, Jilcott SB, Hankin S. Measurement of the consumer food environment: a systematic review of the evidence 2000-2011 [Oral presentation International Society Behavioral Nutrition and Physical Activity Annual Meeting 2012]

Gustafson A, Jilcott S, Christian J, Lewis S, Wilson C. Neighborhood deprivation and the retail food environment in rural Appalachia [Oral presentation International Society Behavioral Nutrition and Physical Activity Annual Meeting 2012]

Tift N (student), **Gustafson A**. Food Shopping Behaviors among College Students and Association with Diet [Poster Presentation International Society Behavioral Nutrition and Physical Activity Annual Meeting 2012]

Gustafson A, Sharkey J, Samuel-Hodge C, Jones-Smith J, Cai J, Ammerman A. Food environment as a modifier in the a behavioral weight loss intervention [Abstract and poster presentation The Obesity Society Annual Meeting 2011]

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, [Abstract and poster presentation International Society Behavioral Nutrition and Physical Activity Annual Meeting 2011]

Gustafson A, Samuel-Hodge C, Garcia B, Johnston L, Bramble K, Lindsely S, Keyserling T, Khavlou O, Will J, Pointdexter P, Ammerman A, Gizlice Z. Cost-effectiveness of a WISEWOMAN weight loss control intervention among low-income midlife women. [Abstract and Oral Presentation American Public Health Association APHA Annual Meeting October 2008]

Gustafson A, Duffey K, Ammerman A, Creamer N. Community Understanding the local food environment through a community food system assessment [Abstract and Oral Presentation American Public Health Association APHA Annual Meeting October 2008]

Gustafson A, Samuel-Hodge C, Garcia B, Keyserling T. Cost-effectiveness of Weight Loss Maintenance among low-income midlife women [Abstract and Poster Presentation National Obesity Society Conference NAASO October 2008]

Gustafson A, Paxton A, Duffey K, Cordon M, Ammerman A. Environmental determinants to childhood obesity and food alienation [Abstract and Oral presentation within symposium: International Society Behavioral Nutrition and Physical Activity Annual Meeting, May 2008]

Gustafson A, Samuel-Hodge C, Garcia B, Lindsley S, Bramble K, Johnston L, Keyserling T, Ammerman A. Sleep quality association with elevated BMI among low-income women in North Carolina [Abstract and poster presentation: National American Association Society Obesity Annual Meeting, November 2007]

INVITED PRESENTATIONS

SEC conference Atlanta, September 2014.

College and Department Contributions/Service

- 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
- Search Committee - Assistant Professor 2014; lecturer 2013 within Department
- Non-medical Internal Review Board (IRB) 2014-2015
- Accreditation for Department Committee 2013
- Research Associate Food Systems Innovation Center
- Faculty member Sustainable Agriculture Food Systems working group
- Faculty member Sustainable Agriculture Student steering committee
- Faculty member Food Systems Initiative
- Organizing committee and speaker at Family Impact Seminar
- Advisory Board member Social Marketing Campaign Supplemental Nutrition Assistance Program

OUTREACH and SERVICE

- USDA grant review panel – Childhood Obesity NIFA-Afri September 2013
- Elected Office – Secretary Obesity Society Epidemiology Section October 2012 - 2014
- Board Member YMCA

08/08-present **Reviewer *Journal Academy Nutrition and Dietetics***

08/12 – present **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

Co-Chair The Obesity Society Symposium “ Economic Causes and Consequences of Obesity” [The Obesity Society Annual Meeting San Antonio, TX 2012]

PROFESSIONAL DEVELOPMENT

Presentation U - January 22, 2014

BEAT Institute Training in Boston, MA led by Harvard University and Penn. Selected to participate in a 4-day training on measuring the built environment. June 2012

Southern Agriculture Experiment Station USDA grantman workshop. Selected to participate in 3-day training for Multistate grants focusing on Improving productivity, nutritional value, and availability of local food products. December 2011

Just the FAQ: how to get started on research. November 2011