

Rebecca (Nemec) Boehm, Ph.D.

Zwick Center for Food and Resource Policy

Rudd Center for Food Policy and Obesity

University of Connecticut

Email: rebecca.boehm@uconn.edu

Phone: 617-823-6322

EDUCATION

- 2016 Ph.D. Agriculture, Food and Environment, Friedman School of Nutrition Science and Policy, Tufts University, Boston, MA
- 2012 M.S. Agriculture, Food and Environment, Friedman School of Nutrition Science and Policy, Tufts University, Boston, MA
- 2005 B.A. Ecology and Evolutionary Biology, Princeton University, Princeton, NJ

CURRENT EMPLOYMENT

- December 2016- University Postdoctoral Fellow
Rudd Center for Food Policy and Obesity
Zwick Center for Food and Resource Policy
University of Connecticut, Storrs and Hartford, CT
Supervisors: Marlene Schwartz and Rigoberto Lopez

FIELDS OF INTEREST

Food and agricultural economics; nutrition and agriculture policy; climate change; environmental impacts of food systems and food choices; environmental economics; economic input-output life cycle assessment; applied statistics and econometrics; economic valuation and discrete choice modeling.

PEER REVIEWED PUBLICATIONS

- Boehm, R.,** Cash, S.B., Anderson, B.A., Ahmed, S., Griffin, T.S., Robbat, Jr., A., Stepp, J.R.; Han, W., Hazel, M., Orians, C.M. “Association between Empirically Estimated Monsoon Dynamics and other Weather Factors and Historical Tea Yields in China: Results from a Yield Response Model,” *Climate special issue on Food, Crops, and Diets*. Accepted March 25, 2016.
- Boehm, R.,** Cash, S.B., Dresser, L. “Food System Economics” in Introduction to the U.S. Food System: Public Health, Environment, and Equity, edited by Roni Neff, John Wiley & Sons, Inc., Baltimore, MD, July 2014

PUBLICATIONS IN PREPARATION OR UNDER REVIEW

- Boehm, R.**, Read, M., Henderson, K.E., Schwartz, M. Removing competitive foods increases National School Lunch participation in a universal free high school, *in preparation for Journal of Academy of Nutrition and Dietetics*.
- Lopez, R., **Boehm, R.**, Pineda, M., Gunther, P., Carstensen, F. “Economic Impacts of Connecticut’s Agricultural and Primary Processing Industry: 2015 update”, Zwick Center for Food and Resource Policy Research Report 6.
- Boehm, R.**, Cash, S.B., Kfoury, N., Kowalsick, A., Robbat, Jr. A., Ahmed, S., Stepp, J.R., Griffin, T.S., Orians, C.M. “Can you taste the climate changing? Characterization of U.S. tea consumers and their responses to climate driven quality differences in brewed green tea through a linked sensory rating and choice experiment”, *submitted to Appetite*.
- Boehm, R.**, Cash, S.B., Schuknecht, T. “Overcoming constraints on good intentions: quality improvements in parent donations to a school snack program”, *in review at Journal of Nutrition Education and Behavior*.
- Boehm, R.**, Wilde, P., Ver Ploeg, M., Costello, C., Cash, S.B. “The carbon footprint of U.S. household food expenditures: evidence from the National Household Food Acquisition and Purchase Survey,” *in preparation for Climatic Change*.
- Boehm, R.**, Wilde, P., Ver Ploeg, M., Costello, C., Cash, S.B. “Carbon emissions, household food spending, and the nutritional quality of U.S. household food expenditures by meat spending levels,” *in preparation for American Journal of Clinical Nutrition*.

WORKING PAPERS

- Wilde, P., **Boehm, R.**, Jefferies, G., Korczynski, M., Lonergan, J. Visualizing Input-Output Data Using VUE. Available online at:
http://nutrition.tufts.edu/sites/default/files/research-files/VUE_Input_Output_Instructions_WorkingPaper.pdf

DISSERTATION RESEARCH

Title: “Climate Change and U.S. Consumer Food Choices”

Committee: Drs. Sean B. Cash (Chair), Parke Wilde, Shelly Ver Ploeg

TEACHING

- | | |
|-----------|--|
| 2017 | Writing for Food Policy |
| 2015-2016 | Sustainability and the Food Consumer: Reducing Environmental Impacts through Consumer Choice |
| 2013-2016 | Stata Workshop Series |

TEACHING ASSISTANTSHIPS

2014-2016	Economics of Agriculture and the Environment
2013-2015	Statistical Methods for Nutrition Research
2012-2013	Economics of Food Policy Analysis
2012	Economic Determinants of U.S. Food Policy
2011	Fundamentals of Nutrition Policy and Programming

PRESENTATIONS

Boehm, R., Ver Ploeg, M., Wilde, P.E., Costello, C., Cash, S.B. “Greenhouse gas emissions, food costs, and nutritional quality of U.S. household food purchases by share of spending on meat: Implications for U.S. consumers and federal nutrition policy”, Association for Public Policy Analysis and Management Annual Fall Research Conference, Chicago, IL, November 2017

Cooksey Stowers, K., **Boehm, R.**, Schwartz, M. “Draining the (Food) Swamp: Are Food Environments Near Schools Associated with Disparities in Adolescent Diet Quality and Weight Status?”, Association for Public Policy Analysis and Management Annual Fall Research Conference, Chicago, IL, November 2017

Tiboldo, G., **Boehm, R.**, Castellari, E., Shah, F.A. “Use of a Carbon Tax on Food Purchases to Contribute Towards the U.S. Greenhouse Gas Emissions Reduction Target for 2025,” Agricultural and Applied Economic Association Annual Meeting, Chicago, IL, August 2017 (presenting author)

Tiboldo, G., **Boehm, R.**, Castellar, E., Shah, F.A. “Towards a socially optimal combination of carbon taxes and other policies for influencing U.S. food purchases,” Northeast Agricultural and Resource Economics Association Annual Meeting, Washington, D.C., July 2017

Darrouzet-Nardi, A., **Boehm, R.**, Stabley, S. “Should the Definition of Food Deserts Incorporate a Seasonal Component?”, Experimental Biology, Chicago, IL, April 2017

Boehm, R., Cooksey Stowers, K., Schwartz, M. “Clustering of diet, physical activity, and health behaviors in adolescents: Results from a county-level, multiyear initiative to reduce sugary drink consumption and obesity,” Friedman Fellows Symposium, Chicago, IL, April 2017

Boehm, R., Ver Ploeg, M., Wilde, P.E., Costello, C., Cash, S.B. “Is it hot in here or is it your food choices? Examining the carbon footprint of U.S. household food spending, travel to acquire food, and linkages to nutrition and aggregate economic activity,” Agricultural and Applied Economics Association Annual Meeting, Boston, MA, July 2016

- Boehm, R.**, Cash, S.B., Kowalsick, A., Kfoury, N., Griffin, T.S., Robbat, Jr. A., Stepp, J.R., Ahmed, S., Orians, C.M. “Climate change and consumer food and beverage choices: Examining consumer perceptions to climate-induced quality changes in tea products and willingness to pay for climate mitigation, sustainability and nutritional attributes,” Agricultural and Applied Economics Association Annual Meeting, Boston, MA, July 2016
- Boehm, R.** and Cash S.B. “Climate change and consumer food choices: examining consumer sensitivity to climate-induced quality changes in tea products and willingness to pay for climate change mitigation and other sustainability and nutritional attributes,” Tufts Collaborates Symposium, Medford, MA, September 2015
- Boehm, R.**, Cash, S.B., Kfoury, N., Kowalsick, A., Robbat, Jr. A., Ahmed, S., Stepp, J.R., Griffin, T.S., Orians, C.M. “Climate change and consumer food choices: examining consumer sensitivity to climate-induced quality changes in tea products and willingness to pay for climate change mitigation and other sustainability and nutritional attributes,” American Diabetes Association Annual Meeting Friedman Fellowship Symposium, Boston, MA, June 2015
- Boehm, R.**, Cash, S.B., Anderson, B., Ahmed, S., Griffin T.S., Orians, C.M., Robbat, Jr., A., Stepp, R. “Climate Change, Monsoon Dynamics, and Tea Production in China,” presenting author at the Agricultural and Applied Economics Association Annual Meeting, Minneapolis, MN, July 2014
- Cash, S.B., **Nemec-Boehm, R.** “Credence by the Cup: Ethical Concerns and the Coffee Consumer,” Specialty Coffee Association Annual Meeting, Seattle, WA, April 2014
- Cash, S.B., **Boehm, R.** “Overcoming constraints on good intentions: quality improvements in parent donations to a school snack program,” presenting author at Northeastern Agricultural and Resource Economics Association Annual Meeting, Ithaca, NY, June 2013
- Boehm, R.**, Cash, S.B., Anderson, B., Ahmed, S., Griffin T.S., Orians, C.M., Robbat, Jr., A., Stepp, J.R. “Quantifying the economic impact of climate change on tea production from 1984 to 2011 across China’s major tea producing provinces,” presenting author at Northeastern Agricultural and Resource Economics Association Annual Meeting, Ithaca, NY, June 2013
- Nemec, R.**, Cash, S.B., Anderson, B., Ahmed, S., Griffin T.S., Orians, C.M., Robbat, Jr., A., Stepp, J.R. “Quantifying the economic impact of climate change on tea production from 1984 to 2011 across China’s major tea producing provinces,” presenting author at Student Research Conference, Friedman School of Nutrition Science and Policy, Tufts University, Medford, MA, March 2013

Nemec, R. “Planting Restrictions: An afterthought for most commodity producers,” Student Research Conference, Friedman School of Nutrition Science and Policy, Tufts University, Boston, MA, March 2012

Nemec, R. “Farm to School: Reinventing the School Lunch line in the Boston Public Schools,” American Public Health Association Annual Meeting, Washington, DC, November 2007

Nemec, R. “Ecological Implications of Human Development on Alaska’s North Slope Coastal Plain,” Princeton University Undergraduate Research Symposium, Princeton, NJ, March 2005

OUTREACH PRESENTATIONS

Lopez, R., **Boehm, R.**, Pineda, M., Gunther, P., Carstensen, F. “Economic Impacts of Connecticut’s Agricultural and Primary Processing Industry: 2015 update”, Connecticut Department of Agriculture, Hartford, CT, February 2017

Lopez, R., **Boehm, R.**, Pineda, M., Gunther, P., Carstensen, F. “Economic Impacts of Connecticut’s Agricultural and Primary Processing Industry: 2015 update”, Connecticut Farm Bureau, Wethersfield, CT, February 2017

INVITED TALKS

Boehm, R. “Marching on Its Stomach: CT Feeds the Troops in WWI and beyond”, Connecticut Old State House History Day, Hartford, CT, August 10, 2017

Boehm, R., Ver Ploeg, M., Wilde, P.E., Costello, C., Cash, S.B. “The Carbon Footprint, Nutritional Quality, and Cost of U.S. Household Food Expenditures: New Evidence from the National Household Food Acquisition and Purchase Survey,” Agricultural and Resource Economics Department, University of Connecticut, Storrs, CT, September 2, 2016

Boehm, R., Tufts University Symposium on Climate Change: The Role of the University, Medford, MA, April 2016

Boehm, R., Tufts Collaborates Research Symposium, October 2015

OTHER PROFESSIONAL EXPERIENCES

2012-2016 Doctoral Fellow and Project Coordinator, Tufts Tea Collaborative, Tufts University, Boston and Medford, MA

2012 Research Assistant, Agriculture, Food and Environment program, Tufts University, Boston and Medford, MA

2011 Policy Intern, National Sustainable Agriculture Coalition, Washington, DC

2010-2013 Graph Design Associate, New Entry Sustainable Farming Project, Boston, MA

- 2010 Interim Director, Boston Collaborative for Food and Fitness, Boston Public Health Commission, Boston, MA
- 2008-2010 Pastry Chef and Operations Manager, Canto 6 Bakery, Jamaica Plain, MA
- 2005-2008 High Meadows/Princeton Project 55 Fellow, The Food Project, Roxbury, MA
- 2004 Summer Research Intern, USDA Agricultural Research Service, Parlier, CA
- 2004 Summer Research Intern, Alaska Fish and Wildlife Service, Barrow, AK

GRANTS AND AWARDS

- Pending USDA Agriculture and Food Research Initiative Foundational Grant for New Investigators (\$250,000)
Title: Impact of U.S. Health Care Provision Changes on Diet Quality Among the Poor
Role: Co-PI
- Pending USDA Farmers’ Market Promotion Program (\$500,000)
Title: Discover CT Grown – A Co-Marketing Strategy for Increasing Consumers of Local Food
Role: Lead Evaluator/Co-PI
- 2016 Friedman School Travel Scholarship (\$800)
- 2015-2016 National Science Foundation Fellowship (\$50,000)
- 2015-2016 Tufts Institute of the Environment Fellowship (\$2,050)
- 2014 Scholarship for Massachusetts Institute of Technology Professional Education Short Course entitled “Discrete Choice Modeling: Predicting Demand and Market Shares” (\$4,300)
- 2012-2015 Friedman Family Foundation Doctoral Fellowship (\$75,000)
- 2014 Agricultural and Applied Economics Association (AAEA) Travel Scholarship (\$400)
- 2014 Friedman School Travel Scholarship (\$300)
- 2013 Northeast Agricultural and Resource Economics Association Travel Scholarship (\$300)

ACADEMIC AND PROFESSIONAL ORGANIZATIONS

Agricultural and Applied Economics Association (AAEA)

Northeastern Agricultural and Resource Economics Association (NAREA)

SKILLS

Computer: Stata (advanced), Qualtrics (advanced), ArcGIS (advanced), R (intermediate), Adobe Creative Suite (intermediate), Microsoft Office suite (advanced), IMPLAN (intermediate), SPSS (beginner)

Languages: English (native fluency), Spanish (proficient)

LEADERSHIP AND SERVICE

- 2017 Agribusiness: an International Journal, Reviewer
- 2017 Canadian Journal of Agricultural Economics, Reviewer
- 2017 AAEA Food Safety and Nutrition Section, abstract reviewer
- 2010-2016 Friedman Justice League, Founder and member
- 2014-2015 Member at Large of Activities, Graduate Student Section, AAEA

OTHER RESEARCH EXPERIENCES

- 2012-2016 Tufts Expert Sensory Panel
- 2004 Researcher, Smithsonian Tropical Research Institute, Panama City, Panama