

Rebecca (Nemec) Boehm, Ph.D.

Zwick Center for Food and Resource Policy

Rudd Center for Food Policy and Obesity

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EDUCATION

- 2017 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

ACADEMIC EMPLOYMENT

- 2017- Postdoctoral Fellow, Rudd Center for Food Policy and Obesity/Zwick Center for Food and Resource Policy, University of Connecticut
- 2012-2016 Doctoral Fellow and Project Coordinator, Tufts Tea Collaborative, Tufts University
- 2012 Research Assistant, Agriculture, Food and Environment program, Tufts University

OTHER PROFESSIONAL EXPERIENCES

- 2010-2013 Graph Design Associate, New Entry Sustainable Farming Project, Boston, MA
- 2012-2016 Tufts Expert Sensory Panel
- 2011 Policy Intern, National Sustainable Agriculture Coalition, Washington, D.C.
- 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
- 2004 Researcher, Smithsonian Tropical Research Institute, Panama City, Panama

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 REVIEW

Boehm, R., Cash, S.B., Schuknecht, T. “Cool intentions: Adding refrigerators to elementary classrooms improves fruit and vegetable access in a pilot study”, *in review at Journal of Nutrition Education and Behavior*.

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? U.S. consumers interest in climate-friendly agricultural practices and climate-sensitive quality attributes”, *in review at Appetite*.

PUBLICATIONS IN PREPARATION

Boehm, R., Wilde, P., Ver Ploeg, M., Costello, C., Cash, S.B. “The carbon footprint of U.S. household food expenditures: new evidence from the National Household Food Acquisition and Purchase Survey,” *in preparation for Climatic Change*.

Boehm, R., Wilde, P., Ver Ploeg, M., 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*.

Boehm, R., Read, M., Henderson, K.E., Schwartz, M. “Removing competitive foods increases National School Lunch Program participation in a universal free high school,” *in preparation for Journal of Academy of Nutrition and Dietetics*.

WORKING PAPERS AND OUTREACH REPORTS

Boehm, R., Martin, J., and Foster, J. “Food Security Report for Connecticut: Update for 2015”.

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, September 2017, in press.

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 (undergraduate level)
2015-2016 Sustainability and the Food Consumer: Reducing Environmental Impacts through Consumer Choice (graduate level)
2013-2016 Stata Workshop Series (graduate level)

TEACHING ASSISTANTSHIPS

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

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, Washington, D.C., November 2017

Boehm, R., Cash, S.B., Ahmed, S., Kern, A., Kfoury, N. “Consumer interest in and awareness of climate impacts on food and beverage products”, Food Distribution Research Society Annual Conference, Honolulu, HI, October 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, Washington, D.C., 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,” presenting author at Agricultural and Applied Economic Association Annual Meeting, Chicago, IL, August 2017

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.**, Staley, 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

Martin, J. and **Boehm, R.** “Status of Hunger and Nutritional Security in Connecticut”, Connecticut Food Bank Annual Hunger Summit, Hartford, CT, September 20, 2017

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

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)

2012-2015 Friedman Family Foundation Doctoral Fellowship (\$75,000)

2014 Scholarship for Massachusetts Institute of Technology course entitled “Discrete Choice Modeling: Predicting Demand and Market Shares” (\$4,300)

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)

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)

ACADEMIC AND PROFESSIONAL ORGANIZATIONS

Agricultural and Applied Economics Association (AAEA)
 Northeastern Agricultural and Resource Economics Association (NAREA)
 Association of Public Policy Analysis and Management (APPAM)

LEADERSHIP AND SERVICE

2017- Fellow, UConn Initiative on Campus Dialogue

2017- Reviewer, *Agribusiness: An International Journal*

2017- Reviewer, *Canadian Journal of Agricultural Economics*

2017- Member, AAEA Women in Agricultural Economics Section

2016- Member, AAEA Food and Agricultural Marketing Policy Section

2016- Member, AAEA Food Safety and Nutrition Section

2010-2016 Founder and Member, Friedman Justice League

2014-2015 Member at Large of Activities, AAEA Graduate Student Section