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EDUCATION

| | | | | |
|------|-------|-------------------------------|----------------------|--------------|
| 2016 | Ph.D. | Nutrition | Tufts University | Boston, MA |
| 2012 | M.S. | Nutrition | Tufts University | Boston, MA |
| 2009 | B.A. | Philosophy; Religious Studies | University of Kansas | Lawrence, KS |

PROFESSIONAL EXPERIENCE

Academic Appointments

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|--------------|--|
| 2018-present | Assistant Professor <i>Division of Agriculture, Food, and Environment, Friedman School of Nutrition Science and Policy, Tufts University; Boston, MA</i> |
| 2016-2018 | Postdoctoral Research Fellow <i>Sustainability Institute, University of New Hampshire; Durham, NH</i> |
| 2016 | Instructor <i>Masters in Animals and Public Policy graduate program, Cummings School of Veterinary Medicine, Tufts University; Grafton, MA</i> |
| 2014 | Course Designer <i>Sustainable Agriculture and Food Systems graduate certificate program, Friedman School of Nutrition Science and Policy, Tufts University; Boston, MA</i> |
| 2012-2014 | Graduate Teaching Assistant <i>Friedman School of Nutrition Science and Policy, Tufts University; Boston, MA</i> |
| 2011-2015 | Graduate Research Assistant <i>Friedman School of Nutrition Science and Policy, Tufts University; Boston, MA</i> |

Non-Academic Positions

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| 2011 | Policy Intern <i>National Family Farm Coalition; Washington, D.C.</i> |
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- 2010 Agency Relations Coordinator
Harvesters – The Community Food Network; Kansas City, MO
- 2009-2010 AmeriCorps VISTA Member
Harvesters – The Community Food Network; Kansas City, MO

AWARDS AND HONORS

- 2021 Campus Sustainability Research Award, The Association for the Advancement of Sustainability in Higher Education (*for co-authored publication by Valley et al. listed in publication section*)
- 2020 Nominee for University Distinction Award, Tufts University
- 2015-2016 Graduate Institute for Teaching Fellow, Tufts University
- 2014-2016 Dennis R. Washington Achievement Scholar, The Horatio Alger Association of Distinguished Americans
- 2012-2015 Friedman Nutrition and Citizenship Doctoral Fellow, Tufts University
- 2010-2012 Ellen H. Block Scholar, Tufts University
- 2009 *Summa Cum Laude* graduate; Departmental Honors, University of Kansas
- 2009 Warner A. Morse Prize in the History of Philosophy, University of Kansas
- 2008 Nelson Scholar in Philosophy and Religious Studies, University of Kansas
- 2008 Lynn Taylor Memorial Award, Department of Religious Studies, University of Kansas
- 2007-2008 Zelma McIlvain Religious Studies Scholar, University of Kansas

PROFESSIONAL SERVICE

Review Service

- 2021 External reviewer, Rural Economic Development Competitive Grant Program, National Institute of Food and Agriculture, U.S. Department of Agriculture
- 2018 Invited external reviewer for a dissertation proposal, Animal Production Systems Group, Wageningen University, The Netherlands
- 2014-2015 LCA critical review panel member, Canadian Roundtable for Sustainable Beef's "Sustainability Assessment of Canadian Beef"

2012- Editorial review committee member, *Journal of Agriculture, Food Systems and Community Development*

Ad-hoc review service for journals, including: *Nature Food, Advances in Nutrition, Public Health Nutrition, Global Change Biology Bioenergy, Journal of Cleaner Production, Sustainability, Canadian Journal of Agricultural Economics, and Livestock Science*

Professional Working Groups

2021 Invited Expert Participant, Workshop on Nutrition Effects in LCA, Life Cycle Initiative Hosted by the UN Environment Program

2021 “Bilingual” Cohort Member, The 100 Questions Initiative in Food Systems Sustainability, Governance Lab (Govlab) at NYU’s Tandon School of Engineering

2019- Steering Committee Member, Food and Climate Systems Transformation Alliance (FACT)

2015-2017 Member, Life Cycle Inventory Roadmap Initiative, LCA Interest Group of the Society of Environmental Toxicology and Chemistry.

Professional Affiliations (current)

American Society for Nutrition

International Society for Industrial Ecology

Agriculture, Food, and Human Values Society

Teaching Food Systems Community of Practice

Professional Affiliations (past)

Society of Environmental Toxicology and Chemistry

American Society of Agronomy, Crop Science Society of America, and Soil Science Society of America

Organizational Activities at Professional Conferences

Organizing committee, “Equity at the Core of Food Systems Competencies,” Agriculture, Food, and Human Values Conference. Madison, WI. June 15, 2018.

Organizing committee, “Net Positive Sustainability for Higher Education,” LCA XVII, annual conference of the American Center for Life Cycle Assessment. Portsmouth, NH. October 2, 2017.

University Service

- 2020- Faculty Advisor, Tufts Food Systems Graduate Student Network, Friedman School of Nutrition Science and Policy, Tufts University
- 2020- Faculty Advisor, Seeding the Future Challenge Sprints, Friedman School of Nutrition Science and Policy, Tufts University
- 2020- Chair, Subcommittee on Anti-Racist, Equitable and Inclusive Curriculum, Friedman School of Nutrition Science and Policy, Tufts University
- 2020- Faculty Representative (Elected), Curriculum and Degrees Committee, Friedman School of Nutrition Science and Policy, Tufts University
- 2019-2020 Member, Search Committee for Professor of the Practice, Department of Environmental Studies, Tufts University
- 2018- Faculty Representative, Committee on Social Justice, Inclusion, and Diversity, Friedman School of Nutrition Science and Policy, Tufts University
- 2018-2019 Chair, Training Subcommittee of the Committee on Social Justice, Inclusion, and Diversity, Friedman School of Nutrition Science and Policy, Tufts University
- 2017-2018 Zero Waste Task Force Member, University of New Hampshire
- 2016-2017 STARS Pathway to Platinum Task Force Member, Sustainable Dining Credits, University of New Hampshire
- 2015 Invited Speaker, Friedman School Leadership Donor and Friends Dinner, Tufts University
- 2015 Invited Speaker, Charles Tufts Society Luncheon, Tufts University
- 2013-2014 Academic Affairs Committee Member, Tufts University Board of Trustees

Community Leadership

- 2017-2018 Farm to Institution Action Team Member, New Hampshire Food Alliance
- 2013-2014 Career Coach, Summer Search Boston
- 2009-2010 Executive Committee Member and Appointed Representative, Douglas County Kansas Food Policy Council

RESEARCH SUPPORT

Pending and Ongoing Support

- Pending NSF Engineering Research Center Program
Center for Cellular Agriculture for Nutritional Foods (CANF)
\$26,000,000
Role: Senior Personnel (PI: Kaplan)
- Pending NSF Research Traineeship Program
NRT – Graduate Excellence in Cellular Agriculture
\$3,000,000
Role: Co-Principal Investigator (PI: Kaplan)
- 09/01/21- USDA Sustainable Agricultural Systems Program
08/31/26 *Integrated Approaches to Enhance Sustainability, Resiliency and Robustness in US Agri-
Food Systems: Enabling cellular agriculture with cross-disciplinary approaches*
\$9,999,385
Role: Co- Principal Investigator (PI: Kaplan)
- 09/01/21- Amazon Inc., LLC
03/31/22 *Social Risk Assessment of Diverse Food Commodities*
\$25,000
Role: Principal Investigator
- 06/01/21- Friedman School Research Award for Interdisciplinary Nutrition Study (RAFINS)
11/30/25 *The LASTING Project: Leading a Sustainability Transition in Nutrition Globally*
\$1,274,896
Role: Principal Investigator
- 01/01/21- Tufts University, Springboard Program
06/30/22 *Accelerating Research on the Human Cost of Food*
\$9,841
Role: Principal Investigator

Completed Research Support

- 07/01/21- NSF Industry-University Cooperative Research Center Program
12/01/21 *Center for Cellular Agriculture and Cultured Meat Planning Grant*
\$20,000
Role: Co-Principal Investigator (PI: Kaplan)
- 01/01/21- World Wildlife Foundation
08/31/21 *Carbon Footprinting Modern Slavery*
\$35,000
Role: Co-Investigator (PI: Sparks)
- 08/01/21- Newman’s Own Foundation
07/31/20 *Professional Development Grant*

\$10,000
Role: Recipient

11//01/16- Wageningen University, The Netherlands
12/31/16 *WLAS Research Grant*
€1,200
Role: Project Director

06/01/14- Robert and Patricia Switzer Foundation
05/31/15 *Switzer Environmental Fellowship*
\$15,000
Role: Project Director

12/01/13- Tufts University Institute of the Environment
08/31/14 *Lifecycle Environmental Impacts of Conventional and Alternative Lean Beef Production*
\$5,000
Role: Project Director

PUBLICATIONS

Note: Last name changed from Tichenor to Blackstone in 2018.

** indicates student author*

† indicates senior or co-senior authorship

Peer Reviewed Journal Articles

1. **Blackstone, N.T.**, Benoit Norris, C., Robbins, T.*, Jackson, B., & Decker Sparks, J.L. (2021). Risk of forced labor embedded in the US fruit and vegetable supply. *Nature Food*.
<https://doi.org/10.1038/s43016-021-00339-0>
2. Li, C.*, Cash, S.B., Lesnik, J., Mason, J., Griffin, T, & **Blackstone, N.T.**† (2021). What's eating North America's edible insect industry? An examination of psychological, cultural, and regulatory barriers. *Renewable Agriculture and Food Systems*, 1-4.
<https://doi.org/10.1017/S1742170521000314>
3. Conrad, Z. Stern, A.L.*, Love, D., Salesses, M.*, Cyril, A.*, McDowell, A.*, & **Blackstone, N.T.** (2021). Data integration methods for diet sustainability analyses. *Sustainability*, 13(14).
<https://doi.org/10.3390/su13148082>
4. Conrad, Z. & **Blackstone, N.T.** (2021). Identifying the links between consumer food waste, nutrition, and environmental sustainability: A narrative review. *Nutrition Reviews*, 79(3).
<https://doi.org/10.1093/nutrit/nuaa035>
5. Conrad, Z., **Blackstone, N.T.**, & Roy, E. (2020). Healthy diets can create environmental trade-offs, depending on how diet quality is measured. *Nutrition Journal*, 19.
<https://doi.org/10.1186/s12937-020-00629-6>

6. Valley, W., Anderson, M., **Blackstone, N.T.**, Sterling, E., Betley, E., Akabas, S., Koch, P., Dring, C.*, Burke, J. & Spiller, K. (2020). Towards an equity competency model for sustainable food systems education programs. *Elementa: Science of the Anthropocene*, 8(33). <https://doi.org/10.1525/elementa.428>
7. Reinhardt, S.L., Boehm, R., **Blackstone, N.T.**, El-Abbadi, N.H., McNally Brandow, J.S., Taylor, S.F.* & DeLonge, M.S. (2020) Systematic Review of Dietary Patterns and Sustainability in the United States. *Advances in Nutrition*, 11(4). <https://doi.org/10.1093/advances/nmaa026>
8. **Blackstone, N.T.** & Conrad, Z. (2020). Comparing the recommended eating patterns of the EAT-Lancet Commission and Dietary Guidelines for Americans: Implications for sustainable nutrition. *Current Developments in Nutrition*, 4(3). <https://doi.org/10.1093/cdn/nzaa015>
9. Levesque, V, & **Blackstone, N.T.** (2020). Exploring undergraduate attainment of sustainability competencies. *Sustainability: The Journal of Record*, 13(1). <http://doi.org/10.1089/sus.2019.0022>
10. **Blackstone, N.T.**, El-Abaddi, N.H.*, McCabe, M.S., Griffin, T.S., & Nelson, M, E. (2018). Linking sustainability to the healthy eating patterns of the Dietary Guidelines for Americans: a modelling study. *The Lancet Planetary Health*, 2(8): e344-52. [https://doi.org/10.1016/S2542-5196\(18\)30167-0](https://doi.org/10.1016/S2542-5196(18)30167-0)
11. Griffin, T.G., Peters, C.J., Fleisher, D., Conard, M., Conrad, .Z, **Tichenor, N.**, ... Saberi, H. (2018). Baselines, trajectories, and scenarios: Exploring agricultural production in the Northeast U.S. *Journal of Agriculture, Food Systems, and Community Development*, 8(2). <https://doi.org/10.5304/jafscd.2018.082.015>
12. Conrad, Z., Niles, M., Neher, D.A., Roy, E., **Tichenor, N.**, & Jahns, L. (2018). Relationship between food waste, diet quality, and environmental sustainability. *PLOS ONE*, 13(4). <https://doi.org/10.1371/journal.pone.0195405>
13. Clancy, K., Bonnano, A., Canning, P., Conrad, Z., Fleisher, D., ... **Tichenor, N.** (2017). The EFSNE market basket through multiple lenses. *Journal of Agriculture, Food Systems, and Community Development*, 7(4): 163–178. <https://doi.org/10.5304/jafscd.2017.074.018>
14. **Tichenor, N.**, & Leach, A.M.* (2017). Informing a sustainable food future. *Environmental Research Letters*, 12: 111002. <https://doi.org/10.1088/1748-9326/aa8eff>
15. **Tichenor, N.**, van Zanten, H.H.E., de Boer, I.J.M., Peters, C.J., McCarthy, A.C.*, & Griffin, T.S. (2017). Land use efficiency of beef systems in the Northeastern USA from a food supply perspective. *Agricultural Systems*, 156: 34-42. <https://doi.org/10.1016/j.agsy.2017.05.011>
16. **Tichenor, N.**, Peters, C.J., Norris, G.A., Thoma, G., & Griffin, T.S. (2017). Life cycle environmental consequences of grass-fed and dairy beef production systems in the Northeastern United States. *Journal of Cleaner Production*, 142: 1619-1628. <https://doi.org/10.1016/j.jclepro.2016.11.138>

17. Conrad, Z., **Tichenor, N.**, Peters, C.J., & Griffin, T.S. (2017). Regional self-reliance for livestock feed, meat, dairy, and eggs in the Northeast US. *Renewable Agriculture and Food Systems*, 32(2): 145-156. <https://doi.org/10.1017/S1742170516000089>
18. **Tichenor, N.**, & Conrad, Z. (2015). Inter- and independent effects of race/ethnicity and region on variety of fruit and vegetable consumption in the USA: 2011 Behavioral Risk Factor Surveillance Survey. *Public Health Nutrition* 19(01): 104-113. <https://doi.org/10.1017/S1368980015000439>

Manuscripts in Progress

1. Conrad, Z., Cyril, A.*, Kowalski, C.*, Jackson, E.*, Hendrickx, B.*, Lan, J.*, McDowell, A.*, Salesses, M.*, Love, D., Wiipongwii, T.*, Zhang, F.F., **Blackstone, N.T.** (in review). Diet sustainability analyses can be improved with updates to the Food Commodity Intake Database.
2. El-Abbadi, N.H.*, **Blackstone, N.T.**, Peters, C.J., Griffin, T.S., Nelson, M.E., Norris, G.A., & Jacques, P.F. (in review). A Dietary Environmental Index to assess nutritional quality and environmental impact of foods in the United States.
3. Stern, A.L.*, **Blackstone, N.T.**, Economos, C., & Griffin, T.S. (in review). Environmental impacts of lunches served in the United States National School Lunch Program.
4. Rodríguez Huerta, E., **Blackstone, N.T.**, Jackson, B., & Decker Sparks, J.L. (in review). Modern slavery's carbon cost: the case of Brazilian soy and sugarcane.
5. Sixt, G., **Blackstone, N.T.**, Engler, A., Hendricks, S., & Webb, P. (in review). A New Convergent Science Model is Needed for Food and Climate Systems Transformation.
6. Jackson, B., **Blackstone, N.T.**, & Decker Sparks, J.L. (in prep). Addressing the global interconnections between SDG 8.7 and 15.2 across tropical, dryland, temperate and boreal forest biomes.
7. **Blackstone, N.T.**, Rodriguez-Huerta, E., Battaglia, K.*, Benoit Norris, C., Boehm, R., Jackson, B., Jackson, E.*, Ledger, M.*, & Decker Sparks, J.L. (in prep). Risk of forced labor embedded in the US food supply.
8. Rubio, N.R.*, **Blackstone, N.T.**, & Kaplan, D.L. (in prep). Environmental life cycle assessment of entomoculture systems.

Book Chapters

1. Thoma, G., **Blackstone, N.T.**, Nemecek, T., & Jolliet, O. (2022). Life Cycle Assessment of Food Systems and Diets, in *Food Systems Modeling*, 1st Edition, edited by Christian J. Peters and Dawn Thilmany, Elsevier.

2. Bosso, C. & **Tichenor, N.** (2018). Eating and the Environment: Ecological Tensions in Food Production, in *Environmental Policy: New Directions for the Twenty-First Century*, 10th Edition, edited by Norman J. Vig and Michael E. Kraft, CQ Press. (Coauthor for editions 9 and later).

Correspondence

1. Kurtz, J., **Blackstone, N.T.**, Decker Sparks, J.L., Rodriguez, R., & Pinto, C. (2021). The true cost of labour must be worker-defined. *Nature Food*, 2: 630-631.
<https://doi.org/10.1038/s43016-021-00369-8>
2. **Tichenor, N.** (2015). Role of dairy in the carbon footprint of US beef. *Proceedings of the National Academy of Sciences of the United States of America* 112(8): E820-E821.
<https://doi.org/10.1073/pnas.1421941112>

Published Abstracts

1. **Blackstone, N.T.**, Benoit Norris, C., Robbins, T.*, Jackson, B., & Decker Sparks, J. L. (2020). “Assessing the forced labor risk of US fruit and vegetable commodities” *Proceedings of the 12th International Conference on Life Cycle Assessment of Food 2020 (LCA Food 2020)*.
<https://lcafood2020.com/>
2. Conrad, Z., **Blackstone, N.T.**, & Roy, E. (2020). “Diet Quality and Environmental Sustainability are Linked, But in Unexpected Ways.” *Current Developments in Nutrition*, 4(Supp. 2). <https://doi.org/10.1093/cdn/nzaa042.002>
3. **Tichenor, N.**, Nelson, M. E., McCabe, M. S., El-Abbadi, N.* H., & Griffin, T. S. (2018). US Dietary Guidelines: Sustainability of the Three Healthy Eating Patterns. *Current Developments in Nutrition*, 2(11). <https://doi.org/10.1093/cdn/nzy032>

Reports and Popular Press

1. Jackson, B., Brotherton, V., **Blackstone, N.T.**, & Decker Sparks, J. L. (2021). Modern slavery, environmental degradation and climate change: present and future pathways for addressing the nexus. *Rights Lab, Delta 8.7, and World Wildlife Fund*.
2. **Tichenor, N.** (2014). Fairshare CSA Coalition Awards Health Insurance Rebates for Healthy Eating. *Mother Earth News*.
3. **Tichenor, N.** (2013). From CSA to HMO. *Rodale Institute*.

INVITED PRESENTATIONS

International

“Monitoring and evaluation for food systems transformation,” Panelist, Independent Food Systems Dialogue for the UNFSS convened by the Alliance for Food and Climate Systems Transformation. Virtual Seminar. July 7, 2021

“Aligning on key principles of sustainable diets,” Panelist, World Wildlife Fund Convening on Sustainable Diets. Virtual Seminar. April 22, 2021

National

“How social life cycle assessment can help address forced labor.” U.S. Department of Labor. Virtual Seminar. March 7, 2022.

“LCA and measuring food systems sustainability.” Y Analytics Brownbag Series. Virtual Seminar. June 9, 2021.

“Food sustainability: what it is and why it matters.” Newman’s Own Foundation. Virtual Seminar. June 15, 2020.

“Environmental impacts of meat production and meat alternatives,” Speaker and panelist, Red Meat, Meat Alternatives, and Beyond. Harvard School of Public Health, Harvard University. Boston, MA. January 27, 2020.

“Toward sustainable diets: exploring the environmental and social costs of consumption.” The National Socio-Environmental Synthesis Center Seminar Series. Annapolis, MD. September 17, 2019.

“Toward sustainable diets: transforming food supply chains for people, planet, and prosperity.” Union of Concerned Scientists. Washington, D.C. September 16, 2019.

“Local and regional food systems in sustainable diets.” Sustainable Diets, Food, and Nutrition: A Food Forum Workshop. The National Academies of Sciences, Engineering, and Medicine. Washington, DC. August 1-2, 2018.

Regional

“Fruits, vegetables, and the risk of forced labor,” Invited speaker, Global Food + 2021. Harvard University, Boston University, MIT, and Tufts University. Virtual. March 5, 2021.

“Sustainability of plant-based meat alternatives,” Keynote speaker and panel moderator, Food and Nutrition Innovation Summit. Tufts University. Boston, MA. October 22, 2019.

Soil/Climate. Panel participation, Cows, Land and Labor: Local Farming in a Globalized World. Dartmouth College. Hanover, NH. April 26-27, 2019.

“Toward sustainable Dietary Guidelines for Americans.” The Friedman School Speaker Series, Tufts University. Boston, MA. November 28, 2018.

OTHER PROFESSIONAL COMMUNICATIONS

Refereed Conference Presentations (presenter underlined)

- El-Abbadi NH, Blackstone NT, Conrad Z, Griffin T, Peters C, Nelson M, Jacques P (2019). “Application of the Dietary Environmental Index for evaluation of the nutritional quality, environmental impacts, and consumer purchase costs of observed versus modeled food intake patterns reported in NHANES 2007-2008.” Planetary Health Alliance Conference, 5 September, Stanford, California.
- Tichenor N, Nelson M, McCabe M, El-Abaddi N, Griffin T (2018). “U.S. Dietary Guidelines: sustainability of the three healthy patterns.” American Society for Nutrition annual meeting. 11-12 June, Boston, Massachusetts.
- Conrad Z, Niles M, Neher DA, Roy E, Tichenor N, Jahns L (2018). “Relationship between food waste, diet quality, and environmental sustainability.” American Society for Nutrition annual meeting. 11-12 June, Boston, Massachusetts.
- El-Abbadi NH, Nelson ME, Griffin TS, Peters CJ, Tichenor N, Jacques PF (2018). “Application of the Dietary Environmental Index in USDA food patterns: a comparison of observed and recommended dietary patterns.” Planetary Health Alliance conference. 29-31 May, Edinburgh, Scotland.
- Tichenor N, Peters CJ, Norris GA, Griffin TS (2017). “Feed or feedstock? A case study evaluating the environmental and food supply consequences of feeding food waste to cattle.” Joint Conference of the International Society for Industrial Ecology and International Symposium on Sustainable Systems and Technology (ISIE-ISST). 27 June, Chicago, Illinois.
- Tichenor N, Peters CJ, Norris GA, Griffin TS (2017). “To feed or not to feed? The environmental and food supply consequences of feeding food waste to cattle.” 10th Annual Gerald J. Friedman Fellows Symposium at the American Society for Nutrition Scientific Sessions at Experimental Biology. 22 April, Chicago, Illinois.
- Tichenor N, van Zanten HHE, de Boer IJM, Peters CJ, McCarthy AC, Griffin TS (2016). “Land use efficiency of beef systems in the Northeastern USA from a food supply perspective.” 10th International conference on Life Cycle Assessment of Food. 19-21 Oct, Dublin, Ireland.
- Tichenor N, Peters CJ, Norris GA, Thoma G, and Griffin TS (2015). “Life cycle environmental impacts of alternative beef production systems in the Northeastern U.S.” American Society of Agronomy, Crop Science Society of America, and Soil Science Society of America 2015 Annual Meeting. 15-18 Nov, Minneapolis, MN.
- Tichenor N, Peters CJ, Norris GA, Griffin TS (2015). “Life cycle environmental impacts of grass-fed beef production in the Northeastern U.S.” Society of Environmental Toxicology and Chemistry (SETAC) North America 36th Annual Meeting. 1-5 Nov, Salt Lake City, UT.
- Tichenor N, Griffin TS, Peters CJ, Conrad Z, Hill EL, Gomez MI, Norris GA, Thoma G, He X (2015). “Modeling approaches to explore food system regionalization as a sustainability strategy.” SETAC North America 36th Annual Meeting. 1-5 Nov, Salt Lake City, UT.

Tichenor N, Peters CJ, Norris GA, Griffin TS (2015). “Life cycle environmental impacts of grass-fed beef production in the Northeastern U.S.” Friedman Fellows Symposium at the 75th Scientific Sessions of the American Diabetes Association. 5-7 June, Boston, MA.

Benoit Norris C, Norris GA, Tichenor N (2014). “Comparing the potential social impacts of three nutritionally equivalent food plates.” LCA Food Conference. 8-10 Oct, San Francisco, CA.

Tichenor N (2014). “Accounting for nutrition in assessments of environmental impacts: comparing beef production systems.” Friedman Fellows Symposium at the 74th Scientific Sessions of the American Diabetes Association. 13-17 June, San Francisco, CA.

Tichenor N (2013). “Assessing access to community gardens in Boston.” Future of Food and Nutrition Student Research Conference. 6 April, Boston, MA.

Tichenor N (2012). “Regional food hubs: assessing community impacts.” Friedman Fellows Symposium. 17 Nov, New York, NY.

Workshops and Symposia

Akabas, S., Betley, E., Borrelli, R., Ingram, J., Spiller, K., Sterling, E., Blackstone, N.T., Valley, W. (2020). “Building future food system professionals’ capacities: sharing models.” Mini-Symposium for the 4th Global Food Security Conference. 7-9 December. Virtual.

Valley, W., Blackstone, N.T., Burke, J. Koch, P., & Anderson, M. (2020). “Developing an Equity Competency in Sustainable Food Systems Education: Exploring a New Model and Sharing Teaching Activities” Teaching Food Systems Community of Practice, Sandbox Series Webinar. 9 October. Virtual.

University Seminars

“The risk of forced labor in food supply chains.” College of William & Mary. Virtual. March 22, 2022.

Departmental Seminars

“Meating in the middle: diets, the environment, and shifts toward sustainability.” Alternative Protein Seminar Series, Department of Food Science and Human Nutrition, Iowa State University. Virtual. March 17, 2021.

“The planet on our plates: the case for incorporating sustainability into dietary guidelines.” Environmental Studies Program Seminar Series, School of Arts & Sciences and School of Engineering, Tufts University. Medford, MA. September 20, 2018.

“Feed or feedstock? A case study of the environmental and food supply consequences of feeding food waste to cattle.” Department of Biological Sciences Seminar, College of Agriculture and Life Sciences, University of New Hampshire. Durham, NH. February 10, 2017.

“Land use efficiency of beef production systems in the Northeast USA from a food security perspective.” Animal Production Systems Group, Wageningen University. Wageningen, the Netherlands. December 16, 2015.

“Behind the burger.” School of Public Policy and Urban Affairs, Northeastern University. Boston, MA. October 15, 2014.

“Modeling the national beef supply chain: leading a multi-institutional, interdisciplinary collaboration.” The Cornell University Dyson School of Applied Economics and Management. Ithaca, NY. November 20, 2013.

TEACHING RESPONSIBILITIES

Graduate Courses

2020-present NUTR 278: Corporate Social Responsibility in the Food Industry
Friedman School of Nutrition Science and Policy, Tufts University
Offered once per year
Co-instructor: Dr. Sean Cash

2019-present NUTR 331: Environmental Life Cycle Assessment
Friedman School of Nutrition Science and Policy, Tufts University
Offered once per year

2018-present NUTR 215: Fundamentals of U.S. Agriculture
Friedman School of Nutrition Science and Policy, Tufts University
Offered once per year
Co-instructor (2018 only): Dr. Timothy Griffin. Dr. Blackstone was also a Graduate Teaching Fellow for this course in 2015.

2018-present Directed Studies, Friedman School of Nutrition Science and Policy
I have offered eight graduate directed study courses to students on corporate social responsibility, sustainability assessment, sustainable diets, and social change.

2016 VET502: Farm Animal Module, Animals & Society II
Cummings School of Veterinary Medicine, Tufts University
Offered once per year
Co-instructor: Dr. Lindsay Philips

Guest Lectures

**Denotes online course offering*

Graduate Seminar in Engineering, University of Arkansas (Spring 2021)
 Sustainable Food Systems, University of Illinois (Spring 2021)
 Nutrition Science Journal Club, Tufts University (Fall 2020)
 Nutrition for Medical Students, Tufts University (Spring 2019, Fall 2019)
 Agricultural Science and Policy II, Tufts University (Fall 2018, Fall 2019)
 Food and the Body, Columbia University (Spring 2018)
 Global Environmental Change, The University of New Hampshire (Fall 2017)
 Food, Power, and Social Justice, The University of Southern Maine (Fall 2017)
 Food and the Environment, The University of Southern Maine (Fall 2017)
 Environmental Life Cycle Assessment, The University of New Hampshire (Spring 2017)
 Sustainability Perspectives and Methods, The University of New Hampshire (Spring & Fall 2017)
 Introduction to Sustainable Engineering, The University of New Hampshire (Fall 2016 & 2017)
 Agriculture and the Environment, Tufts University (Spring 2016)
 Economics of Agriculture and the Environment, Tufts University (Spring 2016)
 Supply Chains and Food Markets*, Tufts University (Spring 2015 & 2016)
 Sustainability on the Farm*, (Fall 2014 - present)
 Fundamentals of U.S. Agriculture, Tufts University (Fall 2014)
 Agricultural Science and Policy I, Tufts University (Spring 2013)

MENTORSHIP AND SUPERVISION OF STUDENTS

Doctoral Dissertation Committee Chair

2021-present Nayla Bezares, MS
 Agricultural self-reliance and sustainability in Puerto Rico

Doctoral Dissertation Committee Member

2021-present Elena Martinez, MS, MPH
 Essays on the cost and environmental impact of affordable and convenient diets

2019-2022 Alexandra Stern, MS, MPH
 Sustainability in the National School Lunch Program: Balancing environmental impacts, nutritional quality, economic costs, and student acceptance to improve school lunch

Graduate Student Advisor and Supervisor

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|--|---|
| Academic advisor | 23 Masters students, 1 Doctoral student |
| Teaching assistantship supervisor | 11 Masters students |
| Research assistantship supervisor | 7 Masters students |
| Course design assistantship supervisor | 2 Masters students |
| Qualifying exam committee member | 4 Doctoral students |

Undergraduate Student Advisor and Supervisor

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|-----------------------------------|--------------------------|
| Senior capstone supervisor | 8 undergraduate students |
| Internship supervisor | 1 undergraduate student |
| Research assistantship supervisor | 1 undergraduate student |

MEDIA

Media Reporting on Original Research

“Three academics, one WSR activist, and one corporate social responsibility expert walk into a bar...” *Coalition of Immokalee Workers blog*, October 22, 2021.

“Can you guess how much food Americans waste every day?,” *WGN Radio*, April 25, 2018.

Media Reporting on Expert Commentary

“In a first for the region, Hannaford says its grocery stores have achieved zero food waste,” *The Boston Globe*, April 20, 2021.

“How plant-heavy diets can help the planet’s health,” *Nutrition Action*, August 11, 2020.

“Meat gets a makeover,” *Consumer Reports*, August 29, 2019.

“Best diets for the environment,” *U.S. News & World Report*, February 20, 2019.

Tufts University Publications

“Tufts receives \$10 million grant to help develop cultivated meat,” *Tufts Now*, October 21, 2021

“Study assesses risk that fruits, vegetables sold in the U.S. are products of forced labor,” *Tufts Now*, August 23, 2021

“7 ways to combat climate change,” *Tufts Now*, August 18, 2021

“‘Plant-based’ diets done right,” *Tufts Health and Nutrition Letter*, August 2021.

“The rise of plant-based ‘meats’,” *Tufts Health and Nutrition Letter*, February 2020.

“Sustainable eating: The key to a healthy future,” *Tufts Health and Nutrition Letter*, August 2019.

“Eating for the earth,” *Tufts Nutrition Magazine*, Winter 2019.

“What foods are better for the earth?,” *Tufts Now*, July 10, 2019.

SKILLS

Computer: openLCA, R, ArcGIS, Microsoft Office Suite

Languages: English (native language), French (elementary proficiency)