

Brooke M. Bell, Ph.D.

Curriculum Vitae
August 2024

PERSONAL INFORMATION

Full Name: Brooke Marie Bell

Citizenship: U.S.A.

CONTACT INFORMATION

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Work Address:
1515 Clay St, 16th Floor
Oakland, CA 94612

CURRENT POSITION

2024 – Present **Research Scientist**
Office of Environmental Health and Hazard Assessment
California Environmental Protection Agency
Oakland, CA

EDUCATION

2016 – 2021 **Ph.D., Health Behavior Research (Public Health)**
Department of Population and Public Health Sciences
University of Southern California, Keck School of Medicine
Los Angeles, CA
Advisors: Donna Spruijt-Metz, Ph.D., Kayla de la Haye, Ph.D.
Dissertation: System Dynamics of In-Home Family Eating Behavior:
Insights from Intensive Longitudinal Data Using Ecological Momentary
Assessment and Wearable Sensors

2012 – 2016 **B.A., Mathematics**
Department of Mathematics
University of Southern California, College of Letters, Arts, and Sciences
Los Angeles, CA

RESEARCH INTERESTS

Sustainable food systems; eating behaviors; nutrition; food equity; food policy; climate change; environmental justice; systems science; complex systems; social networks

RESEARCH EXPERIENCE

2024 – Present	Research Scientist Office of Environmental Health and Hazard Assessment California Environmental Protection Agency Oakland, CA
2022 – 2024	Research Scientist Division of Agriculture, Food, and Environment Tufts University, Friedman School of Nutrition Science and Policy Boston, MA
2021 – 2022	Postdoctoral Research Fellow (T32) Department of Chronic Disease Epidemiology Yale University, Yale School of Public Health New Haven, CT
2021 – 2021	Research Consultant Department of Nutrition Harvard University, T. H. Chan School of Public Health Boston, MA
2020 – 2021	Research Intern Nutrition and Health Programs Los Angeles County Department of Public Health, Division of Chronic Disease and Injury Prevention Los Angeles, CA
2016 – 2021	Graduate Research Assistant / Project Manager Department of Population and Public Health Sciences University of Southern California, Keck School of Medicine Los Angeles, CA
2019	Research Consultant FEAST (Food, Education, Access, Support, Together) (<i>non-profit</i>) Los Angeles, CA

- 2015 – 2016 **Undergraduate Research Assistant**
 Department of Population and Public Health Sciences
 University of Southern California, Keck School of Medicine
 Los Angeles, CA
- 2014 **Undergraduate Research Assistant**
 Real-Time Eating and Children's Health (REACH) Lab
 University of Southern California, Keck School of Medicine
 Los Angeles, CA
- 2014 **Undergraduate Research Assistant**
 Department of Biostatistics
 University of Iowa, College of Public Health
 Iowa City, IA

TEACHING EXPERIENCE

- Summer 2020, **Curriculum Developer / Course Facilitator**
 Fall 2020, Spring Racism & Public Health: Departmental Book/Journal Club
 2021 Department of Population and Public Health Sciences
 University of Southern California, Keck School of Medicine
 Los Angeles, CA
- Summer 2020 **Graduate Teaching Assistant**
 PM 501: Foundations in Health Education and Promotion (4 units)
 Department of Population and Public Health Sciences
 University of Southern California, Keck School of Medicine
 Los Angeles, CA
- Summer 2019 **Co-Instructor / Teaching Assistant**
 R Bootcamp – Data Analysis
 Department of Population and Public Health Sciences
 University of Southern California, Keck School of Medicine
 Los Angeles, CA

PUBLICATIONS

Refereed Journal Articles

23. Blackstone, N. T., Battaglia, K., Rodríguez-Huerta, E., **Bell, B. M.**, Sparks, J. L. D., Cash, S. B., Conrad, Z., Nikkhah, A., Jackson, B., Matteson, J., Gao, S., Fuller, K., Zhang, F. F., & Webb, P. (Accepted). Diets cannot be sustainable without ensuring the well-being of communities, workers, and animals in food value chains. *Nature Food*.

22. **Bell, B. M.**, Battaglia, K., Marquez, A. S., Wasim, N., & Blackstone, N. T. (2024). The Society of Behavioral Medicine Urges Passage of the PLANT (Peas, Legumes, And Nuts Today) Act. *Translational Behavioral Medicine*, 14(6), 338–340. <https://doi.org/10.1093/tbm/ibae021>
21. García Bulle Bueno, B., Horn, A. L., **Bell, B. M.**, Bahrami, M., Bozkaya, B., Pentland, A., de la Haye, K., & Moro, E. (2024). Effect of mobile food environments on fast food visits. *Nature Communications*, 15(1), 2291. <https://doi.org/10.1038/s41467-024-46425-2>
20. O'Connor, S. G., O'Connor, L. E., Higgins, K. A., **Bell, B. M.**, Krueger, E. S., Rawal, R., Hartmuller, R., Reedy, J., & Shams-White, M. M. (2024). Conceptualization and assessment of 24-H timing of eating and energy intake: A methodological systematic review of the chronic disease literature. *Advances in Nutrition*, 15(3), 100178. <https://doi.org/https://doi.org/10.1016/j.advnut.2024.100178>
19. Adams, E. L., Figueroa, R., White, K. E., **Bell, B. M.**, Alegria, K., & Yaroch, A. L. (2024). Prioritize “Food is Medicine” initiatives in the 2024 Farm Bill for human and planetary health. *Translational Behavioral Medicine*, ibad083. <https://doi.org/10.1093/tbm/ibad083>
18. Horn, A. L., **Bell, B. M.**, Garcia Bulle, B., Bahrami, M., Bozkaya, B., Cui, Y., Wilson, J. P., Pentland, A., Moro, E., & de la Haye, K. (2023). Population mobility data provides meaningful indicators of fast food intake and diet-related diseases in diverse populations. *npj Digital Medicine*, 6(1), 208. <https://doi.org/10.1038/s41746-023-00949-x>
17. Buscemi, J., Figueroa, R., **Bell, B. M.**, Dulin, A., Shen, M., Schneider, K. L., Pagoto, S., & Fitzgibbon, M. (2023). Advocacy efforts of the Society of Behavioral Medicine: a 6-year update. *Translational Behavioral Medicine*, 13(11), 809-816. <https://doi.org/10.1093/tbm/ibad042>
16. Miller, S., de la Haye, K., **Bell, B. M.**, Gálvez, A., Rupp, S., & Flórez, K. R. (2023). Food insecurity, dietary quality, and the role of social network support and barriers among immigrant Latino adults in New York City. *Journal of Hunger & Environmental Nutrition*, 1-18. <https://doi.org/10.1080/19320248.2023.2199681>
15. Webb, P., Staffier, K. L., Lee, H., Howell, B., Battaglia, K., **Bell, B. M.**, Matteson, J., McKeown, N. M., Cash, S. B., Zhang, F. F., Sparks, J. L. D., & Blackstone, N. T. (2023). Measurement of diets that are healthy, environmentally sustainable, affordable, and equitable: A scoping review of metrics, findings, and research gaps. *Frontiers in Nutrition*, 10, 1125955. <https://doi.org/10.3389/fnut.2023.1125955>
14. Flórez, K. R., **Bell, B. M.**, Gálvez, A., Hernández, M., Verdaguer, S., & de la Haye, K. (2023). Nosotros mismos nos estamos matando/We are the ones killing ourselves:

Unraveling individual and network characteristics associated with negative dietary acculturation among Mexican Americans in New York City. *Appetite*, 184, 106488. <https://doi.org/10.1016/j.appet.2023.106488>

13. **Bell, B. M.** (2023). The climate crisis is here: A primer and call to action for public health nutrition researchers and practitioners in high-income countries. *Public Health Nutrition*, 26(2), 496–502. <https://doi.org/10.1017/S1368980022002427>
12. Nogueira, L., White, K. E., **Bell, B. M.***, Algeria, K. E., Bennett, G., Edmondson, D., Epel, E., Holman, A., Kronish, I. M., & Thayer, J. (2022). The role of behavioral medicine in addressing climate change-related health inequities. *Translational Behavioral Medicine*, 12(4), 526-534. <https://doi.org/10.1093/tbm/ibac005>
* Second author
11. **Bell, B. M.**, Alam, R., Mondol, A., Ma, M., Emi, I., Preum, S. M., de la Haye, K., Stankovic, J. A., Lach, J., & Spruijt-Metz, D. (2022). Validity and feasibility of the Monitoring and Modeling Family Eating Dynamics System to automatically detect in-field family eating behavior: Observational study. *JMIR mHealth and uHealth*, 10(2), e30211. <https://doi.org/10.2196/30211>
10. **Bell, B. M.**, Spruijt-Metz, D., Naya, C. H., Lane, C. J., Wen, C. K. F., Davis, J. N., & Weigensberg, M. J. (2021). The mediating role of emotional eating in the relationship between perceived stress and dietary intake quality in Hispanic/Latino adolescents. *Eating Behaviors*, 42, 101537. <https://doi.org/10.1016/j.eatbeh.2021.101537>
9. Singleton, C. R., Adeyemi, O. S., Parab, K. V., Roehll, A. M., Flores, E., Adams, A. M., Quintiliani, L. M., **Bell, B. M.**, & Dulin-Keita, A. (2020). Society of Behavioral Medicine position statement: Provide funding for incentive programs to expand healthy food offerings in SNAP-authorized small food stores. *Translational Behavioral Medicine*, 11(6), 1283-1285. <https://doi.org/10.1093/tbm/ibaa111>
8. **Bell, B. M.**, Alam, R., Alshurafa, N., Thomaz, E., Mondol, A., de la Haye, K., Stankovic, J. A., Lach, J., & Spruijt-Metz, D. (2020). Automatic, wearable-based, in-field eating detection approaches for public health research: A scoping review. *npj Digital Medicine*, 3(1), 38. <https://doi.org/10.1038/s41746-020-0246-2>
7. de la Haye, K., **Bell, B. M.**, & Salvy, S. J. (2019). The role of maternal social networks on the outcomes of a home-based childhood obesity prevention pilot intervention. *Journal of Social Structure*, 20(3), 7-28. <https://doi.org/10.21307/joss-2019-004>
6. **Bell, B. M.**, Spruijt-Metz, D., Vega Yon, G. G., Mondol, A., Alam, R., Ma, M., Emi, I., Lach, J., Stankovic, J. A., & de la Haye, K. (2019). Sensing eating mimicry among

family members. *Translational Behavioral Medicine*, 9(3), 422-430.
<https://doi.org/10.1093/tbm/ibz051>

5. Dulin-Keita, A., Quintiliani, L. M., Buscemi, J., **Bell, B. M.**, Gans, K. M., & Yaroach, A. L. (2019). Society of Behavioral Medicine position statement: Increase funding for fruit and vegetable production in Farm Bill reauthorization. *Translational Behavioral Medicine*, 9(2), 391-394. <https://doi.org/10.1093/tbm/iby041>
4. Spruijt-Metz, D., Wen, C. K. F., **Bell, B. M.**, Intille, S., Huang, J. S., & Baranowski, T. (2018). Advances and controversies in diet and physical activity measurement in youth. *American Journal of Preventive Medicine*, 55(4), e81–e91.
<https://doi.org/10.1016/j.amepre.2018.06.012>
3. **Bell, B. M.**, Cook, L., Gotsis, M., Lane, H. C., Davis, J. N., Antunez-Castillo, L., Ragusa, G., & Spruijt-Metz, D. (2018). Virtual Sprouts: A virtual gardening pilot intervention increases self-efficacy to cook and eat fruit and vegetables in minority youth. *Games for Health Journal*, 7(2), 127-135. <https://doi.org/10.1089/g4h.2017.0102>
2. Ma, M., Alam, R., **Bell, B. M.**, de la Haye, K., Spruijt-Metz, D., Lach, J., & Stankovic, J. A. (2017). M²G: A monitor of monitoring systems with ground truth validation features for research-oriented residential applications. *2017 IEEE 14th International Conference on Mobile Ad Hoc and Sensor Systems (MASS)*, 10-18.
<https://doi.org/10.1109/MASS.2017.107>
1. Salekin, A., Chen, Z., Ahmed, M. Y., Lach, J., Spruijt-Metz, D., de la Haye, K., **Bell, B. M.**, & Stankovic, J. A. (2017). Distant emotion recognition. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies*, 1(3), 1-25.
<https://doi.org/10.1145/3130961>

Preprints

4. Garcia-Bulle, B., Horn A. L., **Bell, B. M.**, Bahrami, M., Bozkaya, B., Pentland, A., de la Haye, K., & Moro, E. (2022, September 22). You are where you eat: Effect of mobile food environments on fast food visits. *medRxiv*.
<https://doi.org/10.1101/2022.09.20.22280128>
3. **Bell, B. M.**, Nyhan, K., Dubrow, R., Bell, M. L., Irwin, M. I., & Ferrucci, L. M. (2021, December 23). Fiscal policies to promote environmentally sustainable food production and consumption: A scoping review protocol. *OSF Preprints*.
<https://doi.org/10.31219/osf.io/krv3t>
2. Horn, A. L., **Bell, B. M.**, Garcia-Bulle, B., Bahrami, M., Bozkaya, B., Wilson, J. P., Pentland, A., Moro, E., & de la Haye, K. (2021, October 30). Investigating mobility-

based fast food outlet visits as indicators of dietary intake and diet-related disease. *medRxiv*. <https://doi.org/10.1101/2021.10.28.21265634>

1. Mondol, A. S., **Bell, B. M.**, Ma, M., Alam, R., Emi, I., Preum, S. M., de la Haye, K., Spruijt-Metz, D., Lach, J. C., & Stankovic, J. A. (2020, July 11). MFED: A system for Monitoring Family Eating Dynamics. *arXiv*. <https://doi.org/10.48550/arXiv.2007.05831>

Manuscripts Under Review

1. **Bell, B. M.**, Rodríguez-Huerta, E., Battaglia, K., Sparks, J. L. D., Benoit Norris, C., Marquez, A. S., Conrad, Z., Matteson, J., Jackson, B., & Blackstone, N. T. The human cost of current and recommended diets in the U.S. Under review.

Manuscripts In Preparation

4. **Bell, B. M.**, Cudhea, F., Wang, L., Lan, J., Gu, Z., Marquez, A. S., Battaglia, K., Matteson, J., Rodríguez-Huerta, E., Jackson, B., Sparks, J., Conrad, Z., Luo, H., McKeown, N. M., Fuller, K., Nikkhah, A., Gao, S., Webb, P., Cash, S. B., Zhang, F. F., & Blackstone, N. T. A four-pillar modeling approach to sustainable diets: The health, environmental, economic, and social impacts of shifting from current to U.S.-recommended dietary patterns. In preparation.
3. **Bell, B. M.**, Braverman, I., Cantrell, K., Morgenstern, S., Marquez, A. S., Pacheco, G., Schmitt, M., & Blackstone, N. T. Evaluation of plant-based default meal program implemented across 11 New York City public hospitals: Impact on nutrition, cost, and environmental sustainability. In preparation.
2. **Bell, B. M.**, Wang, L., Cudhea, F., Lan, J., Gu, Z., Marquez, A. S., Battaglia, K., Matteson, J., Zhang, F. F., & Blackstone, N. T. Preventable cancer and cardiovascular disease burden associated with shifting to the U.S. Dietary Guidelines for Americans: A comparative risk assessment. In preparation.
1. **Bell, B. M.**, O'Connor, S. G., Nyhan, K., Wasim, N., Marquez, A. S., Battaglia, K., Wraithwall, K., Henning, N., Blackstone, N. T., Dubrow, R., Bell, M. L., Irwin, M. L., & Ferrucci, L. M. Fiscal policies to promote environmentally sustainable food production and consumption: A scoping review. In preparation.

Book Chapters

1. Wen, C. K. F., **Bell, B. M.**, & Spruijt-Metz D. (2016). Mobile Health Strategies for Pediatric Obesity Prevention and Interventions. In M. I. Goran (Ed.), *Childhood Obesity: Causes, Consequences and Intervention Approaches* (pp. 431-441). CRC Press. <https://doi.org/10.1201/9781315370958>

Policy Briefs

4. **Bell, B. M.**, Battaglia, K., Marquez, A. S., Wasim, N., Blackstone, N. T. (2023). *The Society of Behavioral Medicine Urges Passage of the PLANT (Peas, Legumes, And Nuts Today) Act*. Society of Behavioral Medicine. [\[PDF\]](#)
3. Adams, E., Figueroa, R., White, K., **Bell, B. M.**, Algeria, K., & Yaroach, A. (2023). *Prioritize “Food as Medicine” Initiatives in the 2023 Farm Bill for Human and Planetary Health*. Society of Behavioral Medicine. [\[PDF\]](#)
2. Singleton, C., Adeyemi, O., Parab, K., Roehll, A., Flores, E., Adams, A., Quintiliani, L. M., **Bell, B. M.**, & Dulin, A. (2020). *Provide funding for incentive programs to expand healthy food offerings in SNAP-authorized small food stores*. Society of Behavioral Medicine. [\[PDF\]](#)
1. Dulin-Keita, A., Quintiliani, L., Buscemi, J., **Bell, B. M.**, Gans, K., & Yaroach, A. (2017). *Increase funding for fruit and vegetable production in Farm Bill reauthorization*. Society of Behavioral Medicine. [\[PDF\]](#)

SCIENTIFIC PRESENTATIONS

Moderated Sessions

4. **Bell, B. M.**, Yu, Y., Slavik, C., Gunen, B., Ahuja, N. (2024, March 13-16). *Health communication and policy* [Paper session]. 45th Annual Meeting of the Society of Behavioral Medicine, Philadelphia, PA, United States.
3. **Bell, B. M.**, Lanza, K., Nogueira, L., Kalny, C. S., O'Connor, S. G., Hall, K., Diefenbach, M. A. (2023, April 26-29). *How to integrate climate change into your existing program of research* [Panel session]. 44th Annual Meeting of the Society of Behavioral Medicine, Phoenix, AZ, United States.
2. **Bell, B. M.**, Blackstone, N. T., Cash, S. B., Zhang, F. F., Matteson, J. (2023, March 8-10). *Tensions and tradeoffs in sustainable diets measurement* [Panel session]. Tufts Nutrition Data Symposium, Boston, MA, United States.
1. **Bell, B. M.** & Ivanich, J. (2022, July 12-16). *Network of Diverse Scholars in Social Network Analysis (NODS-SNA) Exploring social network research among diverse social network scholars and discussing ways to increase diversity in the field* [Panel session]. XLII Sunbelt Conference of the International Network for Social Network Analysis, Cairns, Queensland, Australia.

National and International Presentations

11. **Bell, B. M.**, Blackstone, N. T., Cudhea, F., Wang, L., Conrad, Z., Luo, H., Battaglia, K., Marquez, A. S., Zhang, F. F. (2024, September 8-11). *Nutrition-related health and environmental impacts of shifting to recommended diets in the US* [Paper presentation]. To be presented at: 14th International Conference on Life Cycle Assessment of Food, Barcelona, Spain.
10. Rodriguez-Huerta, E., Blackstone, N. T., Battaglia, K., Jackson, B., Jackson, E., **Bell, B. M.**, Benoit Norris, C., & Sparks, J. L. D. (2023, July 2-5). *Breaking down forced labor risk in the US seafood supply* [Paper presentation]. 11th International Conference on Industrial Ecology, Leiden, Netherlands.
9. O'Connor, S. G., Kelly, K. M., Irvin, V. I., Bikomeye, J. C., Beyer, K., Vizcaino, M., Wharton, C., Diefenbach, M. A., Hall, K., Kalny, C. S., **Bell, B. M.** (2023, April 26-29). *Dual-purpose interventions for health and climate change* [Panel session]. 44th Annual Meeting of the Society of Behavioral Medicine, Phoenix, AZ, United States.
8. Horn, A. L., **Bell, B. M.**, Garcia Bulle Bueno, B., Bahrami, M., Bozkaya, B., Cui, Y., Wilson, J. P., Pentland, A., Moro, E., & de la Haye, K. (2022, July 19-22). *Large-scale population mobility data provides meaningful indicators of fast food intake and predicts diet-related diseases across diverse populations* [Paper presentation]. 8th International Conference on Computational Social Science IC2S2, Chicago, IL, United States.
7. de la Haye, K., **Bell, B. M.**, & Flórez, K. R. (2020, July 13-17). *Unraveling the relationship between food insecurity, acculturation, and diet quality in Mexican Americans: What is the role of social networks?* [Paper presentation]. XL Sunbelt Conference of the International Network for Social Network Analysis, Virtual.
6. Spruijt-Metz, D., de la Haye, K., **Bell, B. M.**, Mondol, A., Ma, M., Alam, R., Lach J., & Stankovic, J. A. (2020, April 1-4). *Monitoring and modeling family eating dynamics in real time using mobile health technologies* [Paper presentation]. 41st Annual Meeting of the Society of Behavioral Medicine, San Francisco, CA, United States.
5. **Bell, B. M.**, Albertoni, N., Vega Yon, G. G., & Valente, T. W. (2019, June 18-23). *Comparison of country-level network exposures on the adoption of multiple United Nations treaties* [Paper presentation]. XXXIX Sunbelt Conference of the International Network for Social Network Analysis, Montréal, Québec, Canada.
4. **Bell, B. M.**, Alam, R., Stankovic, J. A., Lach, J., & Spruijt-Metz, D. (2019, March 6-9). *A review of wearable-based eating detection approaches for obesity prevention and treatment* [Conference presentation]. Behavioral Informatics and Technology SIG Preview, a.k.a. Tech Madness, Society of Behavioral Medicine's Annual Meeting, Washington, D.C., United States.

3. **Bell, B. M.**, Spruijt-Metz, D., & de la Haye, K. (2018, July 26-27). *Lightning talk: Introducing a novel big data collection tool – M2FED* [Conference presentation]. 9th International Conference on Complex Systems – Workshop on Food Complexity and Nutrition, Boston, MA, United States.
2. **Bell, B. M.**, Salvy, S. J., & de la Haye, K. (2018, June 26-July 1). *Social network influences in the childhood obesity prevention at home (COPE) program* [Paper presentation]. XXXVIII Sunbelt Conference of the International Network for Social Network Analysis, Utrecht, Netherlands.
1. **Bell, B. M.**, Spruijt-Metz, D., Mondol, A. S., Alam, R., Stankovic, J. A., Lach, J., & de la Haye, K. (2018, April 11-14). *Monitoring and Modeling Family Eating Dynamics (M2FED): A sensor system to detect dietary mimicry in families* [Paper presentation]. 39th Annual Meeting of the Society of Behavioral Medicine, New Orleans, LA, United States.

Poster Presentations

16. Webb, P., Staffier, K. L., Lee, H., Howell, B., Battaglia, K., **Bell, B. M.**, Matteson, J., McKeown, N. M., Cash, S. B., Zhang, F. F., Sparks, J. L. D., & Blackstone, N. T. (2023, June 19-30). *Measurement of diets that are healthy, environmentally sustainable, affordable, and equitable: A scoping review of metrics, findings, and research gaps* [Poster presentation]. 8th Annual Agriculture, Nutrition and Health Academy Week, Lilongwe, Malawi.
15. Garcia Bulle Bueno, B., Horn, A. L., **Bell, B. M.**, Bahrami, M., Bozkaya, B., Pentland, A., de la Haye, K., & Moro, E. (2022, July 19-22). *You are where you eat: the effect of mobile food environments on fast food visits* [Poster presentation]. 8th International Conference on Computational Social Science IC2S2, Chicago, IL, United States.
14. O'Connor, S. G., O'Connor, L. E., **Bell, B. M.**, Krueger, E. S., Herrick, K. A., Reedy, J., Czajkowski, S. M., Shams-White, M. M. (2022, June 14-16). *Conceptualization and measurement of 24hr timing of eating and energy intake: a systematic review of chronic disease literature* [Poster presentation]. American Society for Nutrition's Annual Meeting, Nutrition 2022 Live Online, Virtual.
13. **Bell, B. M.**, Spruijt-Metz, D., Alam, R., Mondol, A., Ma, M., Emi, I., Preum, S., Stankovic, J., Lach, J., & de la Haye, K. (2022, April 6-9). *Utilizing wearable sensors and ecological momentary assessment to automatically detect in-home contextualized eating events* [Poster presentation]. 43rd Annual Meeting of the Society of Behavioral Medicine, Baltimore, MD, United States.

12. Horn, A. L., **Bell, B. M.**, Garcia Bulle Bueno, B., Bahrami, M., Bozkaya, B., Wilson, J. P., Pentland, A., Moro, E., & de la Haye, K. (2021, September 21-23). *High-volume population mobility data predicts fast-food intake and diet-related diseases* [Poster presentation]. NIH Workshop: Food Insecurity, Neighborhood Food Environment, and Nutrition Health Disparities: State of the Science, Virtual.
11. Garcia Bulle Bueno, B., Horn, A. L., Bahrami, M., **Bell, B. M.**, Bozkaya, B., Pentland, A., de la Haye, K., & Moro, E. (2021, September 21-23). *Fast-food visits by day: Exposure and effects of urban food environments* [Poster presentation]. NIH Workshop: Food Insecurity, Neighborhood Food Environment, and Nutrition Health Disparities: State of the Science, Virtual.
10. de la Haye, K., **Bell, B. M.**, & Flórez, K. R. (2020, November 2-6). *Acculturation and diet quality in Mexican Americans: What is the role of social networks?* [Poster presentation]. Annual Meeting of The Obesity Society, Virtual.
9. **Bell, B. M.**, Mondol, A., Ma, M., Alam, R., Emi, I., de la Haye, K., Lach, J., Stankovic, J. A., & Spruijt-Metz, D. (2020, April 1-4). *Evaluating the impact of time, demographic, and social effects on compliance to eating event-triggered EMA surveys in families* [Poster presentation]. 41st Annual Meeting of the Society of Behavioral Medicine, San Francisco, CA, United States.
8. **Bell, B. M.**, Alam, R., Alshurafa, N., Thomaz, E., Mondol, A., de la Haye, K., Stankovic, J. A., Lach, J., & Spruijt-Metz, D. (2020, February 25-26). *Automatic, wearable-based, in-field eating detection approaches for obesity research: A scoping review* [Poster presentation]. 7th Annual USC Diabetes & Obesity Research Institute (DORI) Annual Symposium, Los Angeles, CA, United States.
7. de la Haye, K., **Bell, B. M.**, Vega Yon, G. G., Mondol, A. S., Alam, R., Ma, M., Emi, I., Lach, J., Stankovic, J. A., & Spruijt-Metz, D. (2019, July 17-20). *Detecting eating mimicry in families* [Poster presentation]. 5th International Conference on Computational Social Science, Amsterdam, Netherlands.
6. **Bell, B. M.**, Alam, R., Stankovic, J. A., Lach, J., & Spruijt-Metz, D. (2019, March 6-9). *A review of wearable-based eating detection approaches for obesity prevention and treatment* [Poster presentation]. 40th Annual Meeting of the Society of Behavioral Medicine, Washington, D.C., United States.
5. Spruijt-Metz, D., Stankovic, J. A., Lach, J., de la Haye, K., **Bell, B. M.**, Salekin, A., Chen, Z., Ahmed, M. Y., Alam, R., Rayo, J., Mondol, A. S., Ma, M., Preum, S. M., & Emi, I. (2017, April 18-19). *Monitoring and modeling family eating dynamics* [Poster presentation]. mHealth Connect 2017, Stanford, CA, United States.

4. Stankovic, J. A., Spruijt-Metz, D., Lach, J., de la Haye, K., **Bell, B. M.**, Salekin, A., Chen, Z., Ahmed, M. Y., Alam, R., Rayo, J., Mondol, A. S., Ma, M., Preum, S. M., & Emi, I. (2017, March 20-22). *Monitoring and modeling family eating dynamics* [Poster presentation]. NSF Smart and Connected Health Principal Investigators Meeting, Boston, MA, United States.
3. **Bell, B. M.**, Cook, L., Gotsis, M., Lane, H. C., Davis, J., Antunez-Castillo, L., Ragusa, G., & Spruijt-Metz, D. (2017, March 29-April 1). *Virtual Sprouts: A virtual gardening pilot intervention increases self-efficacy to cook and eat fruits and vegetables in minority youth* [Poster presentation]. 38th Annual Meeting of the Society of Behavioral Medicine, San Diego, CA, United States.
2. Rayo, J., **Bell, B. M.**, Ahmed, M. Y., de la Haye, K., Lach, J., Stankovic, J. A., & Spruijt-Metz D. (2017, March 15-18). *Monitoring and Modeling Family Eating Dynamics (M2FED): A system that detects family eating behaviors and moods in the home environment* [Poster presentation]. 75th Annual Conference of the American Psychosomatic Society, Sevilla, Spain.
1. **Bell, B. M.**, Cook, L., Gotsis, M., Lane, H. C., Davis, J., Antunez-Castillo, L., Ragusa, G., & Spruijt-Metz D. (2017, February 28-March 1). *Virtual Sprouts: A virtual gardening pilot intervention increases self-efficacy to cook and eat fruits and vegetables in minority youth* [Poster presentation]. 4th Annual USC Diabetes & Obesity Research Institute (DORI) Annual Symposium, Los Angeles, CA, United States.

HONORS AND AWARDS

2021	Member, USC Skull and Dagger Society (university-wide honor society)
2019 – 2020	Social Networks & Health Fellow, Duke Network Analysis Center, Duke University
2019	Rockwell Dennis Hunt Scholastic Award and Trophy, Honorable Mention (\$1000), USC Graduate School
2019	Travel Award (\$500), USC Dept. of Population and Public Health Sciences
2018	Travel Award (\$1000), USC Graduate School
2018	Travel Award (\$500), USC Dept. of Population and Public Health Sciences
2018	Meritorious Abstract Award, Society of Behavioral Medicine
2018	Citation Abstract Award, Society of Behavioral Medicine
2017	Travel Award (\$1700), Course on Mathematical Sciences in Obesity Research, University of Alabama at Birmingham
2017	Citation Poster Award, American Psychosomatic Society
2012 – 2016	QuestBridge Scholar, University of Southern California

GRANT SUPPORT

Completed Grant Support

- 06/2021 – 11/2025 Friedman School Research Award for Interdisciplinary Nutrition Study (RAFINS) (MPIs: Tichenor Blackstone, Cash, Webb, Zhang)
The LASTING Project: Leading A Sustainability Transition in Nutrition Globally
Role: Research Scientist
Total Direct Costs: \$1,274,896
- 08/2020 – 07/2025 5T32CA250803 (MPIs: Irwin, Ma)
National Institutes of Health (NCI)
The Yale Cancer Prevention and Control Training Program
Role: Postdoctoral Fellow
Total Direct Costs (annual): \$246,666
- 03/2020 – 12/2021 USC Keck School of Medicine Dean's Pilot Grant (MPIs: de la Haye, Moro, Pentland)
Using Big Mobility Data to Map the Food Environments of Diverse Los Angeles Residents
Role: Graduate Research Assistant
Total Direct Costs: \$40,000
- 08/2020 – 09/2021 USC Keck COVID-19 Research Fund Grant (PI: de la Haye)
COVID-19 Impacts on Food Access, Food Insecurity, & Informal Food Assistance in LA County
Role: Graduate Research Assistant
Total Direct Costs: \$105,520
- 09/2015 – 08/2020 IIS-1521740 (PI: Spruijt-Metz)
National Science Foundation
Monitoring and Modeling Family Eating Dynamics (M2FED)
Role: Graduate Research Assistant
Total Direct Costs (annual): \$425,000

PROFESSIONAL AFFILIATIONS

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|----------------|---|
| 2021 – Present | American Society for Nutrition (ASN) |
| 2018 – Present | American Public Health Association (APHA) |
| 2018 – Present | International Network for Social Network Analysis (INSNA) |
| 2017 – Present | Society of Behavioral Medicine (SBM) |

SERVICE

Professional Service

2022 – Present	Co-Chair, SBM Climate Change and Health Special Interest Group
2022 – 2024	Climate Change and Health Policy Ambassador, SBM Advocacy Council
2020	Co-Founder, Network of Diverse Scholars in Social Network Analysis
2019 – 2024	Member, SBM Health Policy Committee
2021 – 2022	Member, INSNA Diversity, Equity, and Inclusion Policy Committee
2020 – 2022	Member, SBM Presidential Working Group on Climate Change, Behavior Change, and Health (Health Inequity Subgroup)

Department Service

2020 – 2021	Member, USC Health Behavior Research Ph.D. Admissions Committee
2020	Co-Founder, Racial Equity, Diversity, and Inclusion (REDI) Council, USC Department of Population and Public Health Sciences
2018 – 2019	President, USC Health Behavior Research Student Association
2017 – 2018	Chair of External Affairs, USC Health Behavior Research Student Association

University Service

2021 – 2022	Member, Yale School of Medicine Black Postdoctoral Association (YBPA)
2021 – 2022	Member, Yale Postdoctoral Association's Racial Justice Subcommittee
2018 – 2021	Director of Community Engagement, USC Graduate Student Government
2018 – 2021	Member, USC Alliance for Civic Engagement
2018 – 2021	Member, USC Office of Sustainability Steering Committee
2019 – 2020	Ad Hoc Member, USC Presidential Sustainability Working Group
2019 – 2020	Member, USC Joint Student Task Force on Sustainability
2019 – 2020	Member, USC Volunteerism Partnership Committee

Selected Community Service

2022	Organizer, YBPA's Earth Day Hike
2021	Volunteer, YBPA's Virtual Run/Walk for Breonna Taylor
2021	Co-Organizer, 2 nd Annual East LA Community Organizations Showcase
2020 – 2021	Volunteer, Los Angeles food/grocery distribution centers
2020	Election Volunteer, Los Angeles County Election
2020	Co-Organizer, 1 st Annual East LA Community Organizations Showcase
2019	Co-Organizer, STEM Day of Discovery, USC Keck School of Medicine
2019	Guest Presenter, USC Hybrid High College Prep
2019	Organizer, Santa Monica State Beach Clean-Up

2019	Attendee, APHA Speak for Health Bootcamp (Washington, D.C.)
2019	Guest Presenter, USC Hybrid High College Prep
2019	Guest Presenter, Felicitas & Gonzalo Mendez High School
2018	Organizer, Voter Registration Drive, Lincoln Heights Farmers Market
2018	Volunteer, Community Garden Day, 24 th Street Elementary School
2017 – 2018	Volunteer, Los Angeles Food Policy Council

Ad Hoc Manuscript Peer Review

2024 – Present	JMIR mHealth uHealth
2021 – Present	American Journal of Preventive Medicine
2021 – Present	Transactions in GIS
2021 – Present	Appetite
2020 – Present	Preventing Chronic Disease
2020 – Present	IEEE Journal of Biomedical and Health Informatics
2020 – Present	ACM Transactions on Computing for Healthcare
2019 – Present	Evaluation & the Health Professions
2019 – Present	BioMed Central (BMC) Pediatrics
2018 – Present	Translational Behavioral Medicine

Ad Hoc Abstract Peer Review

2018 – Present	Society of Behavioral Medicine Annual Meeting
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STUDENT SUPERVISION

Graduate (Doctoral / Masters)

Tufts University

Spring 2024	Julia Nelson (M.S.)
Summer 2023, Fall 2023, Spring 2024	Alejandra Sophia Marquez (M.S.)
Summer 2023, Fall 2023	Kyra Battaglia (Ph.D.)
Fall 2022, Spring 2023	Zhengye Gu (M.S.)

Yale University

Fall 2021, Spring 2022	Natalie Henning (M.P.H.)
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University of Southern California

Fall 2017, Spring 2018	Matt Shi (M.S.)
Fall 2017	Ibrahim Adamu (M.P.H.)

Undergraduate

University of Southern California

Fall 2019, Spring 2020	Cynthia Li
Fall 2019	Rebecca Braganca
Summer 2019	Yun Bao
Spring 2019	Sharyse Watanabe
Spring 2019	Kara Hur
Fall 2018	Anna Satterfield
Fall 2018	Jean Hyon
Summer 2018	Zophia DeCampi
Spring 2018	Jessica Myers
Fall 2017	Grace Do
Fall 2017	Mia Villarosa
Spring 2017, Fall 2017	Megri Kartounian
Fall 2016, Summer 2017, Spring 2017	Daisy Gonzalez

California State University

Fall 2016, Spring 2017, Summer 2017, Fall 2017	Jessica Rayo
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GRADUATE STUDENT THESIS, EXAM, AND DISSERTATION COMMITTEES

Yale University

2021 – 2022	Natalie Henning (M.P.H.) <u>Thesis</u> : <i>A Scoping Review Comparing Sustainable Diet Indices</i> <u>Role</u> : Committee Member
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SKILLS

Software: R, Stata, SAS, SPSS, Tableau, ArcGIS, MPlus, MATLAB, Microsoft Excel

Analysis: Descriptive statistics, inferential statistics (regression analysis, hypothesis testing), factor analysis, latent class analysis, structural equation modeling, multi-level modeling, clustering analysis, power analysis, social network analysis, spatial analysis, permutation testing, exploratory data analysis