

Brooke M. Bell, Ph.D.

Curriculum Vitae

April 2026

PERSONAL INFORMATION

Full Name: Brooke Marie Bell

Citizenship: U.S.A.

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EDUCATION

- 2016 – 2021 **Ph.D., Health Behavior Research**
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 EXPERIENCE

- 2024 – Present **Staff Research Scientist (Epidemiology/Biostatistics)**
Office of Environmental Health and Hazard Assessment
California Environmental Protection Agency
Oakland, CA
- 2022 – 2024 **Postdoctoral 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) (*non-profit*)
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 2021 Racism & Public Health: Departmental Book/Journal Club
 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

24. **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. (2025). Current and recommended diets in the USA have embedded forced labour risk. *Nature Food*, 6(11), 1042–1053. <https://doi.org/10.1038/s43016-025-01242-8>
 * *Contributed equally*
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. (2024). Diets cannot be sustainable without ensuring the well-being of communities, workers, and animals in food value chains. *Nature Food*, 5(10), 818-824. <https://doi.org/10.1038/s43016-024-01048-0>
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>

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>

Selected Preprints

1. **Bell, B. M.***, Wang, L.*, Cudhea, F., Morris, E. R., Marquez, A. S., Battaglia, K., Harney, B., Luo, H., Mozaffarian, D., Blackstone, N. T., & Zhang, F. F. Estimating the health impact of aligning U.S. diets with the Dietary Guidelines for Americans. Available at SSRN: <http://dx.doi.org/10.2139/ssrn.5193171>
* *Contributed equally*

Manuscripts Under Review

1. **Bell, B. M.*** & Wang, L.*, et al. Estimating preventable cardiometabolic and cancer burdens associated with aligning U.S. diets with the 2020 Dietary Guidelines for Americans. Under review.
* *Contributed equally*
2. **Bell, B. M.**, et al. Shifting to recommended diets in the U.S. improves health outcomes, but has differing environmental, social, and economic impacts. Under review.

Manuscripts In Preparation

1. **Bell, B. M.**, et al. Evaluation of plant-based default meal program implemented across 11 New York City public hospitals: Impact on nutrition, cost, and environmental sustainability. 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., & Yaroch, 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., & Yaroch, A. (2017). *Increase funding for fruit and vegetable production in Farm Bill reauthorization*. Society of Behavioral Medicine. [\[PDF\]](#)

PRESENTATIONS

Refereed Conference Presentations (presenter underlined)

31. **Bell, B. M.**, Cudhea, F., Battaglia, K., Marquez, A. S., Nelson, J. C., Rodriguez-Huerta, E., Jackson, B., Wang, L., Cash, S. B., Webb, P., Zhang, F. F., & Blackstone, N. T. (2025, August 29). *Coupled health, environmental, economic, and social impacts of shifting to recommended diets in the U.S.* [Oral presentation]. 23rd International Congress of Nutrition of IUNS. Paris, France.
30. Chiang, F., **Bell, B. M.**, Cohen, S., & Wieland, W. (2025, December 16). *CalHeatScore: A Novel Heat-Health Ranking System for California* [Poster presentation]. Annual Meeting of the American Geophysical Union, New Orleans, LA, United States.
29. Chiang, F., **Bell, B. M.**, Cohen, S., & Wieland, W. (2025, August 16). *CalHeatScore: California’s novel heat-health ranking system* [Poster presentation]. Heat and Human Health Summit, San Diego, CA, United States.
28. Cohen, S., **Bell, B. M.**, Chiang, F., & Wieland, W. (2025, July 9). *CalHeatScore: California’s New Extreme Heat Ranking System* [Poster presentation]. 16th Annual Climate Change and Energy Forum, San Jose, CA, United States.

27. Wang, L., **Bell, B. M.**, Morris, E., Cudhea, F., Gu, Z., Battaglia, K., Luo, H., Marquez, A., Blackstone, N. T., & Zhang, F. F. (2025, May 6). *Preventable diet-related disease burdens associated with shifting U.S. diets to comply with the Dietary Guidelines for Americans* [Poster presentation]. Digestive Disease Week 2025, San Diego, CA, United States.
26. **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* [Oral presentation]. 14th International Conference on Life Cycle Assessment of Food, Barcelona, Spain.
25. **Bell, B. M.**, Rodríguez-Huerta, E., Battaglia, K., Decker Sparks, J. L., Marquez, A. S., Benoit Norris, C., Conrad, Z., Matteson, J., Jackson, B., & Blackstone, N.T. (2024, June 8). *The human cost of healthy diets: forced labor risk in current versus recommended dietary patterns* [Oral presentation]. Joint Annual Meeting the Association for the Study of Food and Society and the Agriculture, Food, and Human Values Society, Syracuse, NY, United States.
24. 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* [Oral presentation]. 11th International Conference on Industrial Ecology, Leiden, Netherlands.
23. 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.
22. 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.
21. 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* [Oral presentation]. 8th International Conference on Computational Social Science IC2S2, Chicago, IL, United States.
20. 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.

19. 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.
18. **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.
17. 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.
16. 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.
15. 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.
14. 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?* [Oral presentation]. XL Sunbelt Conference of the International Network for Social Network Analysis, Virtual.
13. **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.

12. 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* [Oral presentation]. 41st Annual Meeting of the Society of Behavioral Medicine, San Francisco, CA, United States.
11. **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 Symposium, Los Angeles, CA, United States.
10. 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.
9. **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* [Oral presentation]. XXXIX Sunbelt Conference of the International Network for Social Network Analysis, Montréal, Québec, Canada.
8. **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.
7. **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.
6. **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* [Oral presentation]. XXXVIII Sunbelt Conference of the International Network for Social Network Analysis, Utrecht, Netherlands.
5. **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* [Oral presentation]. 39th Annual Meeting of the Society of Behavioral Medicine, New Orleans, LA, United States.
4. 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.

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 Symposium, Los Angeles, CA, United States.

Moderated Panel Sessions

5. O'Connor, S., **Bell, B. M.** (moderator), Lanza, K. L., Slavik, C., Yi, L., Diefenbach, M. A., & Hall, K. (2025, March 26-29). *The climate context: Bidirectional relationships between health behaviors and planetary health* [Panel session]. 46th Annual Meeting of the Society of Behavioral Medicine, San Francisco, CA, United States.
4. Yu, Y., Slavik, C., Gunen, B., Ahuja, N., **Bell, B. M.** (moderator) (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.** (moderator), 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. Blackstone, N. T., Cash, S. B., Zhang, F. F., Matteson, J., & **Bell, B. M.** (moderator) (2023, March 8-10). *Tensions and tradeoffs in sustainable diets measurement* [Panel session]. Tufts Nutrition Data Symposium, Boston, MA, United States.
1. Ivanich, J. & **Bell, B. M.** (moderator) (2022, July 12-16). *Network of Diverse Scholars in Social Network Analysis (NODS-SNA) presents: 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.

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) <i>The LASTING Project: Leading A Sustainability Transition in Nutrition Globally</i> <u>Role:</u> Postdoctoral Research Scientist Total Direct Costs: \$1,274,896
08/2020 – 07/2025	5T32CA250803 (MPIs: Irwin, Ma) National Institutes of Health (NCI) <i>The Yale Cancer Prevention and Control Training Program</i> <u>Role:</u> 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) <i>Using Big Mobility Data to Map the Food Environments of Diverse Los Angeles Residents</i>

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

2017 – Present Society of Behavioral Medicine (SBM)
2021 – 2023 American Society for Nutrition (ASN)
2018 – 2021 American Public Health Association (APHA)
2018 – 2021 International Network for Social Network Analysis (INSNA)

SERVICE

Professional Service

2022 – 2025 Deputy Co-Chair, SBM Climate Change and Health Special Interest Group
2022 – 2024 Climate Change and Health Policy Ambassador, SBM Advocacy Council
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)
2020 Co-Founder, Network of Diverse Scholars in Social Network Analysis

Department Service

2025 – Present Member, OEHHA Data Science Team
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

Ad Hoc Manuscript Peer Review

Nature Food, BMC Public Health, Journal of Climate Change and Health, JMIR mHealth uHealth, American Journal of Preventive Medicine, Transactions in GIS, Appetite, Preventing Chronic Disease, IEEE Journal of Biomedical and Health Informatics, ACM Transactions on Computing for Healthcare, Evaluation & the Health Professions, BMC Pediatrics, Translational Behavioral Medicine

Ad Hoc Abstract Peer Review

2018 – Present Society of Behavioral Medicine Annual Meeting

STUDENT SUPERVISION

Postdoctoral

California Environmental Protection Agency
2025 J. Humphreys (Fellow)

Graduate (Doctoral / Masters)

University of San Francisco
2025 – Present Chantelle Willette (M.S.)

Tufts University
2024 – Present Emma Morris (M.S.)
2023 – Present Kyra Battaglia (Ph.D.)
2024 Julia Nelson (M.S.)
2023 – 2024 Alejandra Sophia Marquez (M.S.)

2022 – 2023 Zhengye Gu (M.S.)

Yale University

2021 – 2022 Natalie Henning (M.P.H.)

University of Southern California

2017 – 2018 Matt Shi (M.S.)

2017 Ibrahim Adamu (M.P.H.)

Undergraduate

University of Southern California

2019 – 2020 Cynthia Li (B.S.)

2019 Rebecca Braganca (B.S.)

2019 Yun Bao (B.S.)

2019 Sharyse Watanabe (B.S.)

2019 Kara Hur (B.S.)

2018 Anna Satterfield (B.S.)

2018 Jean Hyon (B.S.)

2018 Zophia DeCampi (B.S.)

2018 Jessica Myers (B.S.)

2017 Grace Do (B.S.)

2017 Mia Villarosa (B.S.)

2017 Megri Kartounian (B.S.)

2016 – 2017 Daisy Gonzalez (B.S.)

California State University

2016 – 2017 Jessica Rayo (B.A.)

GRADUATE STUDENT THESIS, EXAM, AND DISSERTATION COMMITTEES

Yale University

2021 – 2022 Natalie Henning (M.P.H.)

Thesis: *A Scoping Review Comparing Sustainable Diet Indices*

Role: Committee Member

SKILLS

Software: R, Python, 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