

CURRICULUM VITAE

BROOKE M. BELL

DECEMBER 2017

PERSONAL INFORMATION:

2001 N. Soto Street, 3rd floor, 312-09
Department of Preventive Medicine
University of Southern California
Los Angeles, CA 90032 USA

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EDUCATION

EDUCATION:

2016 – Present Ph.D., Health Behavior Research, Mentor: Donna Spruijt-Metz,
Department of Preventive Medicine, University of Southern California, Los Angeles, CA

2016 B.A., Mathematics
University of Southern California, Los Angeles, CA

HONORS, AWARDS:

2018	Meritorious Abstract Award	Society of Behavioral Medicine Annual Meeting
2018	Citation Abstract Award	Society of Behavioral Medicine Annual Meeting
2017	Travel Award	Short Course on Mathematical Sciences in Obesity Research, University of Alabama at Birmingham
2017	Citation Poster Award	American Psychosomatic Society Annual Meeting
2014	Attendee	NIH Summer Institute in Biostatistics, University of Iowa
2012 – 2016	QuestBridge Scholar	University of Southern California

PROFESSIONAL EXPERIENCE

RESEARCH EXPERIENCE:

2017 – Present Graduate Research Assistant
University of Southern California, Los Angeles, CA
Department of Preventive Medicine
The Global Diffusion of Tobacco Control (NIH: R01 CA157577-05)
Advisor: Dr. Thomas Valente

2016 – Present Graduate Research Assistant
University of Southern California, Los Angeles, CA
Center for Economic and Social Research
Monitoring and Modeling Family Eating Dynamics (NSF: 1521722)
Advisor: Dr. Donna Spruijt-Metz

2016 – 2016 Graduate Research Assistant
University of Southern California, Los Angeles, CA
Department of Preventive Medicine
Health Support Networks for Preventing Childhood Obesity in Home Visitation
Programs (NIH: U54 HD070725-03)
Advisor: Dr. Kayla de la Haye

2015 – 2016 Undergraduate Research Assistant
University of Southern California, Los Angeles, CA

Center for Economic and Social Research
Virtual Sprouts: Web-Based Gardening Games to Teach Nutrition and Combat Obesity
(NIH: R25 OD011113-05)
Advisor: Dr. Donna Spruijt-Metz

2014 – 2014 Undergraduate Research Assistant
University of Southern California, Los Angeles, CA
Real-Time Eating and Children's Health Lab, Department of Preventive Medicine
Maternal Stress and Children's Obesity Risk (NIH: R01 HL119255-02)
Advisor: Dr. Genevieve F. Dunton

2014 – 2014 Undergraduate Research Assistant
University of Iowa, Iowa City, IA
Summer Institute for Training in Biostatistics, College of Public Health
Assessing the Role of Patient Factors on Surgical Complication in Pancreatic Cancer
Patients
Advisor: Dr. Brian Smith

SERVICE

DEPARTMENT SERVICE:

2017 – Present Chair of External Affairs

Health Behavior Research Student
Association (HBRSA), University of
Southern California

PROFESSIONAL SOCIETY MEMBERSHIPS:

2016 – Present American Psychological Association Division 38 (Society for Health Psychology)
2017 – Present Society of Behavioral Medicine

PUBLICATIONS:

JOURNAL ARTICLES:

1. Salekin A, Chen Z, Ahmed MY, Lach J, Spruijt-Metz D, de la Haye K, **Bell BM**, Stankovic JA (2017). Distant Emotion Recognition. *PACM on Interactive, Mobile, Wearable, and Ubiquitous Technologies*, 1(3), 96.

JOURNAL ARTICLES IN PRESS:

1. Ma M, Alwan R, **Bell BM**, de la Haye K, Spruijt-Metz D, Lach J, Stankovic JA (in press). 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*.

PUBLICATIONS SUBMITTED:

3. Dulin-Keita A, Quintiliani L, Buscemi J, **Bell BM**, Gans K, Yaroch A (2017). Society of Behavioral Medicine (SBM) supports increasing funding allocations for fruit and vegetable production in the reauthorization of The Farm Bill (Society of Behavioral Medicine Policy Brief).
2. Spruijt-Metz D, Wen CKF, **Bell BM**, Intille S, Huang JS, Baranowski T (2017). Advances and controversies in diet and physical activity measurement in youth.
1. **Bell BM**, Cook L, Gotsis M, Lane HC, Davis JN, Antunez-Castillo L, Ragusa G, Spruijt-Metz D (2017). Virtual Sprouts: A virtual gardening pilot intervention increases self-efficacy to cook and eat fruit and vegetables in minority youth.

BOOK CHAPTERS:

1. Wen CKF, **Bell BM**, Spruijt-Metz D. *Mobile Health Strategies for Pediatric Obesity Prevention and Interventions*. In: *Childhood Obesity: Causes, Consequences and Intervention Approaches* (Goran, M [editor]). Taylor & Francis Group, 2016. pp. 431-441.

NATIONAL AND INTERNATIONAL PRESENTATIONS:

1. **Bell BM**, Spruijt-Metz D, Mondol A, Alam R, Stankovic JA, Lach J, de la Haye K. (2018, April) Monitoring and Modeling Family Eating Dynamics (M2FED): A sensor system to detect dietary mimicry in families. To be presented at: *The 39th Annual Meeting of the Society of Behavioral Medicine*. New Orleans, LA.

POSTER PRESENTATIONS:

5. Spruijt-Metz D, Stankovic JA, Lach J, de la Haye K, **Bell BM**, Salekin A, Chen Z, Ahmed MY, Alam R, Rayo J, Mondol A, Ma M, Preum SM, Emi I. (April 2017) Monitoring and Modeling Family Eating Dynamics. Presented at: *mHealth Connect 2017*. Stanford, CA.
4. Stankovic JA, Spruijt-Metz D, Lach J, de la Haye K, **Bell BM**, Salekin A, Chen Z, Ahmed MY, Alam R, Rayo J, Mondol A, Ma M, Preum SM, Emi I. (March 2017) Monitoring and Modeling Family Eating Dynamics. Presented at: *NSF Smart and Connected Health Principle Investigators Meeting*. Boston, MA.
3. **Bell BM**, Cook L, Gotsis M, Lane HC, Davis J, Antunez-Castillo L, Ragusa G, Spruijt-Metz D. (March 2017) Virtual Sprouts: A virtual gardening pilot intervention increases self-efficacy to cook and eat fruits and vegetables in minority youth. Presented at: *The 38th Annual Meeting of the Society of Behavioral Medicine*. San Diego, CA.
2. Rayo J, **Bell BM**, Ahmed MY, de la Haye K, Lach J, Stankovic JA, Spruijt-Metz D. (March 2017) Monitoring and Modeling Family Eating Dynamics (M2FED): A system that detects family eating behaviors and moods in the home environment. Presented at: *The 75th Annual Conference of the American Psychosomatic Society*. Sevilla, Spain.
1. **Bell BM**, Cook L, Gotsis M, Lane HC, Davis J, Antunez-Castillo L, Ragusa G, Spruijt-Metz D. (February 2017) Virtual Sprouts: A virtual gardening pilot intervention increases self-efficacy to cook and eat fruits and vegetables in minority youth. Presented at: *The 4th Annual USC Diabetes & Obesity Research Institute (DORI) Annual Symposium*. Los Angeles, CA.