

# CURRICULUM VITAE

## Melanie Hingle, PhD, MPH, RDN

### CHRONOLOGY OF EDUCATION

- 2009 **Postdoctoral Fellowship**, USDA-ARS Children's Nutrition Research Center, Baylor College of Medicine, Houston, Texas  
Emphasis: *Behavioral Nutrition*  
Mentor: Thomas Baranowski
- 2008 **Doctor of Philosophy** in *Nutritional Sciences*, The University of Arizona, Tucson, Arizona  
Emphasis: *Pediatric Obesity Prevention and Treatment*  
Mentor: Scott Going  
Dissertation Title: *Trans-community Approaches to Childhood Obesity Prevention and Treatment*
- 2004 **Master of Public Health**, The University of Arizona, Tucson, Arizona  
Emphasis: *Epidemiology*
- 2000 **Bachelor of Science** in *Nutritional Sciences*, The University of Arizona, Tucson, Arizona  
Major: *Nutritional Sciences and Dietetics*

**Certification:** **Registered Dietitian Nutritionist**, Commission on Dietetic Registration, #914847

**Major Fields:** Mechanisms of health-related behavior change; health behavior change intervention design and conduct; metabolic disease prevention in children and families; use of mobile and wireless technologies to influence health- and weight-related behaviors

### CHRONOLOGY OF EMPLOYMENT

- 2013-Present Assistant Professor, Department of Nutritional Sciences, College of Agriculture & Life Sciences (CALs), The University of Arizona, Tucson, Arizona
- 2013-Present Assistant Professor, Division of Health Promotion Sciences, Mel and Enid Zuckerman College of Public Health, The University of Arizona, Tucson, Arizona
- 2011-2013 Assistant Research Professor, Department of Nutritional Sciences, CALs, The University of Arizona, Tucson, Arizona
- 2009-2011 Assistant Research Scientist, Department of Nutritional Sciences, CALs, The University of Arizona, Tucson, Arizona
- 2008-2009 Postdoctoral Research Fellow, Baylor College of Medicine, Department of Pediatrics, USDA/ARS Children's Nutrition Research Center, Houston, Texas
- 2005-2008 Research Specialist, Senior, Department of Nutritional Sciences, CALs, The University of Arizona
- 2003-2005 Clinical Nutritionist, Canyon Ranch Health Resort, Tucson, Arizona
- 2001-2005 Research Specialist, Department of Physiology, College of Medicine, The University of Arizona, Tucson, Arizona
- 2000-2001 Dietetic Intern, UCSF Medical Center, University of California at San Francisco, California
- 1997-2000 Research Technician, Nutritional Assessment Laboratory, Department of Nutritional Sciences, CALs, The University of Arizona, Tucson, Arizona

### PROFESSIONAL TRAINING

- 2015 Strengthening Causal Inference in Behavioral Obesity Research Short Course, University of Alabama at Birmingham, School of Public Health, Birmingham, AL; Instructor: Dr. David Allison, UAB
- 2014 Summer Teaching Institute, College of Agriculture and Life Sciences (CALs), The University of Arizona, Tucson, AZ
- 2013 Nutrition Leadership Institute, Dannon Institute, Aspen Wye River Conference Center, Queenstown, MD
- 2010 General Interviewing Techniques for Household-Based Recruitment and Enumeration of Subjects, University of Utah, National Children's Study Vanguard Center, Salt Lake City, UT
- 2009 National Evidence Library Data Abstractor Training, United States Department of Agriculture; Trainer: Dr. Joan Lyon, USDA [Online]

- 2009 Qualitative Data Collection, Management and Analysis; Trainer: Dr. Karen Conger, QSR International [Online]
- 2001 Dietetic Internship, UCSF Medical Center, University of California, San Francisco, CA

### **HONORS AND AWARDS**

- 1995 Regent's Waiver, The University of Arizona
- 1998-2000 Dean's List, The University of Arizona
- 1999 Certificate of Excellence, German Department, The University of Arizona
- 2000 Outstanding Senior, Department of Nutritional Sciences, CALS, The University of Arizona
- 2000 Cum Laude, The University of Arizona
- 2008 Graduate College Fellowship Award, The University of Arizona
- 2008 Ruth L. Kirschstein National Research Service Award, Baylor College of Medicine
- 2013 Outstanding Faculty, The University of Arizona Accolade
- 2013 Fellow, Nutrition Leadership Institute, Dannon Institute
- 2015-2016 Fellow, Public Voices Op-Ed Project

### **SERVICE/OUTREACH**

#### Local/State

- 2011-2013 Southern Arizona Community Food Bank, Food Resource Center Community Advisory Committee  
*Role: Ad Hoc Member*

#### National/International

- 2016-Present National Institutes of Health, Center for Scientific Review, *PRDP-Psychosocial Risks and Disease Prevention Study Section*  
*Role: Ad hoc Member*
- 2015-Present International Journal of Behavioral Nutrition and Physical Activity  
*Role: Editorial Board Member*
- 2015-Present National Institutes of Health, National Institute for Diabetes and Digestive and Kidney Diseases Special Emphasis Panel/Scientific Review Group 2016/01 ZDK1 GRB-1 (J2) 1 for PAR-12-257 *Time-Sensitive Obesity Policy and Program Evaluation*  
*Role: Ad hoc Member*
- 2015-Present Dannon Nutrition Leadership Institute Alumni Steering Committee  
*Role: Domestic Committee Co-Chair*
- 2015-Present American Journal of Health Promotion  
*Role: Associate Reviewer*
- 2015-Present Women's Health Initiative Study Publications and Presentations (P&P) Committee  
*Role: Adjunct Reviewer*
- 2014-Present Steering Committee Member, Parenting Practices Item Bank Study - PI: Louise Masse, School of Population and Public Health, The University of British Columbia [Invited]  
*Role: Nutrition expert*
- 2014-Present International Society for Behavioral Nutrition and Physical Activity (ISBNPA) e-Health/m-Health Special Interest Group  
*Role: Officer*
- 2013-Present The Obesity Society, eHealth/mHealth (EMS) Section, Past Secretary/Treasurer and Chair-Elect  
*Role: Chair, 2015-16 (rotates to Past-Chair, 2016-17)*
- 2013-Present W2005 Multistate Research Project: *Parenting, Energy Dynamics, and Lifestyle Determinants of Childhood Obesity: New Directions in Prevention*; Parenting and BMI group  
*Role: Secretary, 2015-2016*
- 2012-2014 Academy of Nutrition and Dietetics, Evidence Analysis Library Pediatric Overweight Workgroup  
*Role: Workgroup Member, Evidence-based Practice Guidelines for Pediatric Overweight*
- 2009-2013 USDA Nutrition Evidence Library, Center for Nutrition Policy and Promotion  
*Role: Evidence Abstractor, Dietary Patterns and Obesity Evidence Analysis Project*

#### Journal Review

2016	<i>Obesity Science &amp; Practice</i>
2015	<i>Advances in Nutrition</i>
2015	<i>BMC Public Health</i>
2015	<i>American Journal of Health Promotion (Associate Reviewer)</i>
2015	<i>Nutrients</i>
2015	<i>Nutrition Research</i>
2015	<i>Preventing Chronic Disease</i>
2012-2015	<i>International Journal of Behavioral Nutrition and Physical Activity (Editorial Board)</i>
2012-2015	<i>Journal of Medical Internet Research</i>
2013-2014	<i>Pediatric Obesity</i>
2012	<i>Journal of Medical Internet Research</i>
2012-2016	<i>American Journal of Preventive Medicine</i>
2012; 2014	<i>Appetite</i>
2011-2014	<i>Journal of Nutrition Education &amp; Behavior</i>
2011;2015	<i>Childhood Obesity</i>
2011	<i>Health Education Research</i>
2011	<i>Preventive Medicine</i>
2011	<i>Public Health Nutrition</i>
2015	<i>Translational Behavioral Medicine</i>
2010	<i>Journal of Diabetes, Science, and Technology</i>

Abstract Review for Professional Meetings

2015	Society for Behavioral Medicine, 2016 – <b>14 abstracts</b> for annual meeting in Washington DC (March 2016)
2015	The Obesity Society, 2015 – <b>17 abstracts</b> for annual meeting in Los Angeles, CA (November 2015)
2015	International Society for Behavioral Nutrition & Physical Activity, 2015 – <b>24 abstracts</b> for annual meeting in Edinburgh, United Kingdom (June 2015)
2014	Academy of Nutrition and Dietetics, Food and Nutrition Conference and Expo, 2014 – <b>21 abstracts</b> for annual meeting in Atlanta, GA (October 2014)
2014	The Obesity Society, 2014 – <b>11 abstracts</b> for annual meeting in Boston, MA

Grant Review

2016	NIH Scientific Review Group PRDP; Reviewed <b>4 proposals (1 R01, 3 R21)</b> for June 13-14, 2016
2015	NIH Special Emphasis Panel/Scientific Review Group 2016/01 ZDK1 GRB-1 (J2) 1 for PAR-12-257; Reviewed <b>2 R01 proposals</b> for PAR 12 257 (September 2015)
2013	USDA/AFRI Panel A-2101, Childhood Obesity Prevention Challenge Area; Reviewed <b>15 grant proposals</b>

Departmental Committees – Nutritional Sciences

2015-Present	Development Committee <i>Role: Co-Chair</i>
2013-Present	Human Subjects Protection <i>Role: Member</i>
2013-Present	Graduate Certificate and Professional Programs <i>Role: Member</i>
2015-Present	Research Frontiers in Nutritional Sciences Conference Committee <i>Role: Co-Chair (2015-16); Chair (2016-17)</i>
2013-Present	Faculty Search Committees – Assistant/Associate Professor Search and Assistant/Associate Extension Specialist Search <i>Role: Member</i>

University Committees and Memberships

2015-17	University of Arizona Faculty Senate <i>Role: College of Agriculture &amp; Life Sciences Representative</i>
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- 2015-Present Center for Regional Food Studies, College of Social and Behavioral Sciences, The University of Arizona  
*Role:* Faculty Advisory Board Member
- 2015-Present The University of Arizona Cancer Center  
*Role:* Research Member
- 2014-Present The University of Arizona Collaboratory for Metabolic Disease Prevention and Treatment  
*Role:* Research Member
- 2013-Present Mel and Enid Zuckerman College of Public Health, Health Promotion Sciences Division  
*Role:* Joint Appointed Faculty
- 2012-Present University of Arizona Canyon Ranch Center for Prevention and Health Promotion  
*Role:* Courtesy Associate Appointment
- 2012-2014 University of Arizona Mobile Health (mHealth) Interest Group <http://www.mhealth.arizona.edu/>  
*Role:* Chair of the Steering Committee, 2012-14

**Faculty Host for Invited Speakers, The University of Arizona:**

- 2016 Melissa Olfert, Assistant Professor, West Virginia University, Morgantown, WV
- 2015 Melinda Manore, Professor of Nutrition, Oregon State University, Corvallis, OR  
Teresa O'Connor, Assistant Professor of Pediatrics, USDA-ARS Children's Nutrition Research Center, Baylor College of Medicine, Houston, TX  
Nanna Meyer, Associate Professor, University of Colorado, Colorado Springs, CO  
Corrie Whisner, Assistant Professor, School of Nutrition and Health Promotion, Arizona State University, Tempe, AZ
- 2014 Michelle Cardel, Postdoctoral Fellow, University of Colorado, Denver, CO  
Debbe Thompson, Associate Professor of Pediatrics and USDA Scientist, USDA-ARS Children's Nutrition Research Center, Baylor College of Medicine, Houston, TX  
Zeina Makhoul, Nutrition Scientist, SPOON Foundation, Portland, OR  
Valerie Gay and Peter Leijdekkers, The University of Technology, Sydney, Australia
- 2013 Donna Spruijt-Metz, Associate Professor of Preventive Medicine, University of Southern California  
Heather Greenlee, Assistant Professor, Columbia University, New York, NY

**Professional Memberships**

- 1999-2005 Academy of Nutrition and Dietetics
- 2007-Present International Society for Behavioral Nutrition & Physical Activity
- 2009-2013 American College of Sports Medicine
- 2010-Present The Obesity Society
- 2011-Present Society for Nutrition Education and Behavior
- 2013-2015 Society for Behavioral Medicine

**Other Professional Service**

**Technical Program Committee Member, Wireless Health Conference**

- 2015 National Science Foundation, Arlington, VA; **Reviewed 10 papers** submitted to the Wireless Health Conference
- 2014 National Institutes of Health, Bethesda, MD; **Reviewed 8 papers** submitted to the Wireless Health Conference

**PUBLICATIONS/CREATIVE ACTIVITY (Published or Accepted)**

**Book Chapters and Invited Reviews (\*indicates a mentored author)**

1. High L, Buchwald M, Buchwald R, and **Hingle M**. *Skeletal System*. In: Integrating Therapeutic and Complementary Nutrition. Marian M, Williams P, Muir-Bowers J (eds). CRC Press, Boca Raton, FL. (2005)
2. **Hingle M**. *Nutrition in Mental Health*. In: Clinical Manual of Complementary and Alternative Treatments in Mental Health. Lake J, and Spiegel D (eds). American Psychiatric Publishing, Inc. (2006)
3. Going SB and **Hingle M**. *Physical activity in diet-induced disease causation and prevention in women and men*. In: Modern Dietary Fat Intakes in Disease Promotion. DeMeester F, Zibadi S, Watson R (eds). Springer Science + Business Media, LLC, 1st Ed (2010).

4. Baranowski T, Baranowski J, Cullen K, **Hingle M**, Hughes S, Jago R, Ledoux T, Mendoza J, Nguyen T, O'Connor T, Thompson D, and Watson K. *Problems and possible solutions for interventions among children and adolescents*. In: *Childhood Obesity Prevention International Research, Controversies and Interventions*. O'Dea JA, and Eriksen M. (eds). Oxford University Press. September 2010.
5. Hongu NK, **Hingle M**, Merchant N, Orr B, Going S, Mosqueda M and Thomson C. Dietary Assessment Tools Using Mobile Technology. *Topics in Clinical Nutrition*, 26(4): 300-311. (2011)
6. Going S, **Hingle M** and Farr J. *Body Composition*. In: *Modern Nutrition in Health and Disease*, 11<sup>th</sup> edition. Chapter 48. A. Catharine Ross, Benjamin Caballero, Robert J Cousins, Katherine L Tucker and Thomas R Ziegler (eds). Lippincott, Williams & Wilkins, Baltimore, MD, pg 635-648. (2013)
7. **Hingle M**. *Interventions to improve diet quality in children*. In: *Diet Quality: An Evidence-Based Approach, Volume 1*. Preedy V. et al (eds) Nutrition and Health, DOI 10.1007/978-1-4614-7339-8\_10, © Springer Science + Business Media, Inc. NY, NY. (2013)
8. Adamo K, **Hingle M**, Maddison R, Maloney A, Simons M and Staiano A. *Gaming, Adiposity and Obesogenic Behaviors among Children: A Roundtable Discussion*. In: *Games for Health Journal*, June 2013.
9. **Hingle M**, Macias Navarro L\*, Rezaimalek A\*, Going S. The Use of Technology to Promote Nutrition & Physical Activity Behavior Change in Youth: A Review. *The Digest, a publication of Research: A Dietetic Practice Group of the Academy of Nutrition & Dietetics*, July 2013; 48(2), 1-28. (2013)
10. Hongu N, Going SB, Orr BJ, Merchant N, **Hingle MD**, Roe D, Greenblatt Y and Houtkooper LB. (2014) Tech Savvy: Mobile Technologies for Promoting Health & Physical Activity. *American College of Sports Medicine's Health & Fitness Journal*, July/August; 18(4): 8-15.
11. **Hingle M**, Laddu D and Going SB. *Physical Activity and the Mediterranean Diet*. In: *Mediterranean Diet*. Romagnolo D and Selmin O. (eds). (2016) Springer Science + Business Media, Inc. NY, NY
12. **Hingle M** and Patrick HP. (2016) There Are Thousands of Apps for That: Navigating Mobile Technology for Nutrition Education and Behavior. *Journal of Nutrition Education and Behavior*, March; 48:213-218.

**Refereed Journal Articles (\*indicates a mentored author)**

**My Bibliography (NCBI):**

<http://www.ncbi.nlm.nih.gov/myncbi/browse/collection/45528409/?sort=date&direction=descending>

1. Elder J, Cameron S, Moe S, Grieser M, **Hingle M**, Schachter K, Shuler L, Pickrel J, Pratt C, Saksvig B and Strohle S. (2008) Recruiting a diverse group of middle school girls into the Trial of Activity for Adolescent Girls (TAAG) *Journal of School Health*, 78(10), 523-531. PMID: 2764409.
2. Webber LS, Catellier DJ, Lytle LA, Murray DM, Pratt CA, Young DR, Elder JP, Lohman TG, Stevens J, Jobe JB and Pate RR. **TAAG Collaborative Research Group**. (2008) Promoting physical activity in middle school girls: Trial of Activity for Adolescent Girls. *American Journal of Preventive Medicine*, Mar;34(3):173-84. PubMed PMID: [18312804](#); PubMed Central PMCID: [PMC2275165](#).
3. O'Connor T, Watson K, Hughes S, Beltran A, **Hingle M**, Baranowski J, Campbell K, Canal DJ, Lizaur AB, Zacarias I, Gonzalez D, Nicklas T and Baranowski T. (2010) Health professionals' and dietetics practitioners' perceived effectiveness of fruit and vegetable parenting practices across six countries. *Journal of the American Dietetic Association*, 2010 Jul;110(7):1065-71. PubMed PMID: [20630164](#).
4. Ledoux T, **Hingle M** and Baranowski T. (2010) Relationship of fruit and vegetable intake and adiposity: a systematic review. *Obesity Reviews*, May;12(5):e143-50. doi: 10.1111/j.1467-789X.2010.00786.x
5. **Hingle MD**, O'Connor TM, Dave JM and Baranowski T. (2010) Parental involvement in interventions to improve child dietary intake: a systematic review. *Preventive Medicine*, Aug;51(2):103-11. PubMed PMID: [20462509](#); PubMed Central PMCID: [PMC2906688](#).
6. Laddu D, Dow C, **Hingle M**, Thomson C and Going S. (2011) A review of evidence-based strategies to treat obesity in adults. *Nutrition in Clinical Practice*, Oct;26(5):512-25. PubMed PMID: [21947634](#).
7. Beltran A, **Hingle MD**, Knesek J, O'Connor T, Baranowski J and Baranowski T. (2011) Identifying and clarifying values and reason statements that promote effective food parenting practices, using intensive interviews. *Journal of Nutrition Education and Behavior*, Nov-Dec;43(6):531-5. PubMed PMID: [22078775](#); PubMed Central PMCID: [PMC3215937](#).
8. **Hingle M**, Beltran A, O'Connor T, Thompson D, Baranowski J and Baranowski T. (2012) A model of goal directed vegetable parenting practices. *Appetite*, Apr;58(2):444-9. PubMed PMID: [22210348](#); PubMed Central PMCID: [PMC3288949](#).

9. **Hingle M** and Kunkel D. Childhood obesity and the media. (2012) *Pediatric Clinics of North America*, Jun;59(3):677-92, ix. PubMed PMID: [22643173](#).
10. Thomson C, Wertheim B, **Hingle M**, Wang L, Neuhouser ML, Gong Z, Garcia L, Stefanick ML and Manson JE. (2012) Alcohol consumption, body weight and weight change in post-menopausal women. *International Journal of Obesity*, 36(9):1158-1164 PubMed PMID: 22689071
11. **Hingle M**, Nichter M, Medeiros M and Grace S. (2013) Texting for health: the use of participatory methods to develop healthy lifestyle messages for teens. *Journal of Nutrition Education and Behavior*, Jan-Feb;45(1):12-9. PubMed PMID: [23103255](#).
  - a. *This publication was identified as one of the “most read” and one of the “Top 20 Most Downloaded Publications” for this journal in 2013*
  - b. *Hingle M, featured author on JNEB Journal Club, Webinar on April 2013*
  - c. *Hingle M, featured author on JNEB podcast, April 2013, rebroadcast in April 2014*
  - d. *Among most cited for entire journal in 2014, 2015*
12. **Hingle M**, Yoon D\*, Fowler J, Kobourov S, Schneider ML, Falk D and Burd R. (2013) Collection and visualization of dietary behavior and reasons for eating using Twitter. *Journal of Medical Internet Research*, Jun 24;15(6):e125. PubMed PMID: [23796439](#); PubMed Central PMCID: [PMC3713881](#).
13. O'Connor TM, **Hingle M**, Chuang RJ, Gorely T, Hinkley T, Jago R, Lanigan J, Pearson N, Thompson D and Wethington H. (2013) Conceptual understanding of screen media parenting: report of a working group. *Childhood Obesity*, Aug;9 Suppl:S110-8. PubMed PMID: [23944919](#); PubMed Central PMCID: [PMC3746292](#).
14. Lohman TG, **Hingle M** and Going SB. (2013) Body composition in children. *Pediatric Exercise Science*, Nov;25(4):573-90. PubMed PMID: [24214440](#).
15. Manini TM, Lamonte MJ, Seguin RA, Manson JE, **Hingle M**, Garcia L, Stefanick M, Rodriguez B, Sims S, Song Y and Limacher M. (2014) Modifying effect of obesity on the association between sitting and incident diabetes in post-menopausal women. *Obesity (Silver Spring)*, Apr;22(4):1133-41. PubMed PMID: [24123945](#); PubMed Central PMCID: [PMC3968183](#).
16. Qiao Y, Tinker L, Olendzki B, Hebert J, Balasubramanian R, Rosal MC, **Hingle M**, Song Y, Schneider KL, Liu S, Sims S, Ockene JK, Sepavich DM, Shikany JM, Persuitte G and Ma Y. (2014) Racial/ethnic disparities in association between dietary quality and incident diabetes in postmenopausal women in the United States: the Women's Health Initiative 1993-2005. *Ethnicity and Health*, Jun;19(3):328-47. PubMed PMID: [23697968](#); PubMed Central PMCID: [PMC3883944](#).
17. **Hingle M**, Wertheim BC, Tindle H, Tinker L, Seguin RA, Rosal MC and Thomson C. (2014) Optimism and diet quality in the Women's Health Initiative. *Journal of the Academy of Nutrition and Dietetics*, Jul;114(7):1036-45. PubMed PMID: [24556429](#); PubMed Central PMCID: [PMC4071123](#).
18. **Hingle M**, Snyder A, Thomson C, Logan R, McKenzie N, Koch S, Ellison EA and Harris RB. (2014) Effects of a short messaging service-based skin cancer prevention campaign in adolescents. *American Journal of Preventive Medicine*, Nov;47(5):617-23. PubMed PMID: [25053602](#); PubMed Central PMCID: [PMC4205167](#).
19. Fried D, Surdeanu M, Kobourov S and **Hingle M**. (2014) Analyzing the language of food on social media. Accepted: *IEEE International Congress on BigData '14*, Oct 27-30, 2014, Washington, D.C. [arXiv:1409.2195](#) [cs.CL].
20. Goodman D, Park H, Stefanick M, **Hingle M**, Lamonte M, LeBlanc E, Johnson K, Desai M and Anton-Culver H. (2014) Self-recalled childhood physical activity and risk of cardiovascular disease in postmenopausal women. *Health Behavior and Policy Review* Sept;1(6): 472-483.
21. Shrira A, Zaslavsky O, LaCroix AZ, Rillamas-Sun E, Schnall E, Woods N, Cochrane B, Garcia L, **Hingle M**, Post S, Seguin R, Tindle H and Palgi Y. (2015) Global quality of life modifies terminal change in physical functioning among older adult women. *Age and Aging*, May;44(3):520-4. doi: 10.1093/ageing/afu176. Epub 2014 Nov 7. PMID: [25380594](#).
22. Turner T\*, Wen CK, Spruijt-Metz D and **Hingle M**. (2015) Prevention and treatment of pediatric obesity using mobile and wireless technologies: a systematic review. *Pediatric Obesity*, 2015 Jan 12 doi: 10.1111/ijpo.12002. [Epub ahead of print].
23. Diep C, **Hingle M**, Chen T., Dadabhoy H, Beltran A, Baranowski J, Subar A and Baranowski T. (2015) Validation of the automated self-administered 24-hour dietary recall for children (ASA-24 Kids) among 9-11-year-old youth. *Journal of the Academy of Nutrition and Dietetics*, Apr 14. pii: S2212-2672(15)00223-3. doi: 10.1016/j.jand.2015.02.021. [Epub ahead of print].



24. Tabung FK, Steck SE, Zhang J, Liese AD, Agalliu I, **Hingle M**, Hou L, Hurley TG, Jiao L, Martin LW, Millen AE, Park HL, Rosal MC, Shikany JM, Shivappa N, Ockene JK and Hebert JR. (2015) Validation of the Dietary Inflammatory Index in the Women's Health Initiative. *Annals of Epidemiology*, Mar 19. pii: S1047-2797(15)00119-2. doi: 10.1016/j.annepidem.2015.03.009. [Epub ahead of print]
25. Zaslavsky O, Palgi Y, Rillamas-Sun E, LaCroix AZ, Schnall E, Woods NF, Cochrane B, Garcia L, **Hingle M**, Post S, Seguin R, Tindle H and Shrira A. (2015) Dispositional optimism and terminal decline in global quality of life. *Developmental Psychology* 2015 Jun;51(6):856-63. Epub 2015 May 4.
26. **Hingle M**, Castonguay, J, Ambuel D\*, Smith R\* and Kunkel D. (2015) Alignment of Children's Food Advertising with Proposed Federal Guidelines. *American Journal of Preventive Medicine* June; 48(6):707-713.
27. **Hingle M**, Turner T\*, Kutob R, Merchant N, Roe DJ, Stump C, Going SB. (2015) The EPIC Kids Study: A Randomized Family-Focused YMCA-Based Intervention to Prevent Type 2 Diabetes in At-Risk Youth. *BMC Public Health*. Dec 18;15(1):1253. doi: 10.1186/s12889-015-2595-3.
28. Thomson C, Garcia D, Caire G, Wertheim B, **Hingle M**, Bea J, Sims S, Vitolins M, Zaslavsky O, Rohan T, Lewis B, Thompson P. (2016) Body shape and mortality risk in post-menopausal women: findings from the Women's Health Initiative. Accepted to: *Obesity*, January 5, 2016.
29. Giacobbi P Jr, **Hingle M**, Johnson T, Cunningham JK, Armin J, Gordon JS. (2016) See Me Smoke-Free: Developing and Testing the Feasibility of an mHealth App for Women to Address Smoking, Diet, and Physical Activity. *JMIR Research Protocols* Jan 21;5(1):e12. doi: 10.2196/resprot.5126.
30. Greenblatt Y\*, Alleman G, Gomez S, Rico K, McDonald DA and **Hingle M**. (2016) Optimizing Nutrition Education in WIC: Findings from Focus Groups with Arizona Clients and Staff. *J Nutr Educ Behav*. Feb 13. pii: S1499-4046(16)00016-6. doi: 10.1016/j.jneb.2016.01.002. [Epub ahead of print]
31. Cespedes E, Hu F, Tinker L, Rosner B, Redline S, Garcia L, **Hingle M**, Van Horn L, Howard B, Levitan E, Li Wenjun, Manson J, Phillips L, Rhee J, Waring M and Neuhouser M. (2016) Multiple Healthful Dietary Patterns and Type 2 Diabetes in the Women's Health Initiative. *American Journal of Epidemiology*; doi: 10.1093/aje/kwv241
32. Vandelanotte C, Mueller AM, Short CE, **Hingle M**, Nathan N, Williams S, Parekh S, Lopez M, Maher C. (2016) Past, present and future of e- & mHealth research to improve physical activity and dietary behaviors. *Journal of Nutrition Education and Behavior* Mar;48:219-228.

## WORK IN PROGRESS

### In Review (\*indicates a mentored author)

1. **Hingle M**, Maggi A, Kandiah J. Nutrient Density: Meeting Nutrient Goals Within Calorie Needs. *Journal of the Academy of Nutrition and Dietetics*. Practice Paper, *Academy of Nutrition and Dietetics*, Resubmitted May 3, 2016
2. Armin J, Johnson T, **Hingle M**, Giacobbi P, Gordon J. Development of a multi-behavioral mHealth app for women smokers. Submitted to the *Journal of Health Communication*, January 12, 2015
3. **Hingle MD**, Wertheim BC, Neuhouser ML, Tinker L, Howard B, Johnson K, Liu S, Philips LS, Qi L, Sarto G, Turner T, Waring ME, Thomson CA. Association between dietary energy density and incident Type 2 diabetes in the Women's Health Initiative. Submitted to the *American Journal of Epidemiology*, May 5, 2016
4. Gordon JS, **Hingle M**, Cunningham J, Giacobbi P, Abbate K, Johnson T. See Me Smoke-Free: A Multi-Behavioral mHealth App for Women Smokers. Submitted to *Translational Behavioral Medicine*, April 20, 2016
5. Thomson C, Crane TE, Garcia DO, Wertheim BC, **Hingle M**, Snetselaar L, Datta M, Rohan T, LeBlanc E, Chlebowski R, Qi L. Association between dietary energy density and obesity-associated cancer: Results from Women's Health Initiative. Target journal: *AJCN*

### In Preparation (\*indicates a mentored author)

1. **Hingle M**, Wertheim BC, Bea JW, Garcia DO, Neuhouser M, Seguin R, Snetselaar L, Tinker L, Waring M and Thomson C. WHI ms2606 Dietary energy density and weight change in the Women's Health Initiative. Target journal: *Obesity*
2. Kopp L\*, Howe C, Gastelum Z\*, Guerrero C\*, Hingorani P, **Hingle M**. A systematic review of e-/m-Health interventions for pediatric and AYA cancer survivors. Target journal: *Pediatric Blood and Cancer*
3. Abbate K, **Hingle M**, Armin J, Giacobbi P, Gordon JS. The Use of Earned and Social Media to Recruit Women to a Mobile Health Smoking Cessation Intervention. Target journal: *J Medical Internet Research*
4. Turner T, **Hingle M**. Mindfulness-based App Targeting Dietary Behavior in Teens. Target journal: *J Nutr Ed Behav*

## MEDIA

## **Software Applications**

### ***Eat It Tweet It***

An iOS application developed and tested by UA Nutritional Sciences (**M Hingle**, R Burd), Computer Science (S Kobourov) with Study Advantage (D Falk) and New Mexico State University's Learning Games Lab (B Chamberlin). **Features and Function:** Choose from the app's preset hash tags to describe dietary choices and reasons for eating, post them to Twitter (using already existing account or creating a new one specifically for food tracking), visualize collected data to examine how behaviors and context (mood, location, and convenience) influence food choices.

### ***FoodTracker***

An Android OS application developed and tested by UA Computer Science (T Johnson) and Nutritional Sciences (**M Hingle**) faculty and students as part of the Collaborative Research Experience for Undergraduates funded by the CRA-W and NSF. **Features and Function:** Help consumers make healthy food choices when eating out; recommendations are made based on current location, and provide guidance on energy density of choices. Appropriate for non-nutrition users.

## **Videos**

### ***"Byte-Sized" WIC YouTube Series - Episodes 1 and 2 (October 2014): Healthy Snacks for Kids***

YouTube video series developed by UA Department of Nutritional Sciences (**M Hingle**) with support from UA Mel & Enid Zuckerman College of Public Health (funding from Canyon Ranch Prevention Center), UA Cooperative Extension's Garden Kitchen (C Schmidt), and the UA School of Theatre, Film, and Television (D Mulcahy, D Mosier, D Britt) **Features and Function:** Two videos designed to help WIC parents foster healthy snacking behaviors among their 2-5-year-old children.

- How to Get Your Kids to Eat Healthy - Be a Good Nutrition Role Model  
[https://www.youtube.com/watch?v=avoL\\_nMOI-k](https://www.youtube.com/watch?v=avoL_nMOI-k)
- Easy Healthy Snack Ideas for Kids <http://youtu.be/Vrvs2KHyku4>

## **Media Outreach Resulting from Scholarly Activities**

- 08/21/12 *The Challenge of Childhood Obesity Prevention* by Caitlin Harrington, Arizona Public Media  
<https://originals.azpm.org/p/oazill/2012/8/21/15043-the-challenge-of-childhood-obesity-prevention/>
- 02/12/13 *mHealth ties Scientists, Doctors, Patients* by Georgia Davis, Arizona Public Media  
<https://www.azpm.org/s/13876-mhealth-brings-scientists-doctors-and-patients-together/>
- 09/03/13 *Researchers Use Social Media to Study Nutrition Patterns* by Fernanda Echavarri, Arizona Public Media  
<https://www.azpm.org/p/home-featured/2013/9/3/26513-researchers-use-social-media-to-study-nutrition-patterns/>
- 03/22/14 *Optimism linked to healthier eating among women* by Allison Bond, Reuters Health  
<http://www.reuters.com/article/2014/03/27/us-optimism-healthier-woman-idUSBREA2Q1CD20140327>
- 08/11/14 *Small Hands, Big Lessons* by Tessandra Salmon, UA+ Arizona Public Media  
<https://originals.azpm.org/p/ua-youtube/2014/8/11/41669-small-hands-big-lessons/>
- 09/22/14 *What's Your State's Most Unusual Food Topic? Twitter Posts Show the Answer* by Lexi Dwyer, People.com  
<http://greatideas.people.com/2014/09/22/state-food-study-twitter-hashtags/>
- 05/08/15 *Food Ads During Children's TV Don't Meet Proposed Guidelines*, by Kathryn Doyle, Reuters Health  
<http://www.reuters.com/article/2015/05/08/us-kids-tv-food-idUSKBN0NT2E120150508>
- 03/31/16 *As Pre-Diabetic Rates Rise, Collaborative Program Targets Youth*, by La Monica Everett-Haynes, Office of University Relations, The University of Arizona  
[https://uanews.arizona.edu/story/as-pre-diabetic-rates-rise-collaborative-program-targets-youth?utm\\_source=uanow&utm\\_medium=email&utm\\_campaign=biweekly-uanow](https://uanews.arizona.edu/story/as-pre-diabetic-rates-rise-collaborative-program-targets-youth?utm_source=uanow&utm_medium=email&utm_campaign=biweekly-uanow)
- 4/13/16 Live interview with host of Doctor Radio, on SiriusXM Channel 110, Dr. Arun Chopra, MD – *Diabetes prevention in youth and families*

## **CONFERENCES/SCHOLARLY PRESENTATIONS**

### **Invited Seminars and Conferences**

#### ***International***

- 2011 The University of Hong Kong, Pokfulam, Hong Kong. *New Approaches to Increasing Physical Activity in Youth*



- 2011 The Chinese University of Hong Kong, Shatin, NT, Hong Kong. *New Approaches to Increasing Physical Activity in Youth*
- 2011 Universidad Nacional Autonoma de Mexico, Mexico City, Mexico. *Childhood Obesity Prevention, Current Research Strategies and Future Directions*
- 2016 International Congress on Obesity, Vancouver, British Columbia, Canada. *Weight Management in a Digital World* (Symposium Co-Chair)

### **National/Regional**

- 2004 National Medical Association, San Diego, CA. *Nutrition for the Modern World*
- 2005 Southwestern Clinical Pharmacy Association Annual Meeting, Tucson, AZ. *Reducing Overweight/Obesity in the US*
- 2007 Southwestern American College of Sports Medicine Annual Meeting, San Diego, CA. *Sports Nutrition Tips and Tools*
- 2010 Child Parent Centers, Inc. Health and Nutrition Department Administering Head Start in Southeastern Arizona, Tucson, AZ. *Pediatric Nutrition*
- 2010 American College of Sports Medicine Annual Meeting, Baltimore, MD. *Nutrient-bone Associations in Healthy-Post Menopausal Women: Results from the Bone Estrogen Strength Training (BEST) Study*
- 2011 Nutrition and Exercise Science Department, Oregon State University, Corvallis, OR. *Behavioral Approaches to Obesity Prevention*
- 2011 USDA/ARS Children's Nutrition Research Center, Baylor College of Medicine, Houston, TX. *The Use of Technology to Influence Health Behavior in Youth*
- 2012 Arizona State University School of Nutrition and Health Promotion, Arizona State University, Tempe, AZ. *Optimizing the User Experience for Mobile Health Interventions*
- 2013 Southern Arizona Academy of Nutrition and Dietetics Association, Tucson, AZ. *Use of Technology for Obesity Prevention in Youth.*
- 2013 Journal of Nutrition Education and Behavior, Journal Club Webinar Series (online broadcast to national audience) *Texting for Health: The Use of Participatory Methods to Develop Healthy Lifestyle Messages for Teens.*
- 2015 Women's Health Initiative Psychosocial Special Interest Group Conference Call. *Optimism, Diet, Body Weight and Health in the Women's Health Initiative*
- 2015 *Game-changing e/mHealth technologies for obesity prevention and control.* Hingle M, Spruit-Metz D, McCabe R, Pollak JP, Staiano A. Presented at The Obesity Society, Los Angeles, CA, November 3-7, 2015. [Session Chair]
- 2016 Society for Nutrition Education and Behavior Webinar Series. *There Are Thousands of Apps for That – Navigating Mobile Technology for Nutrition Education and Behavior*, March 2, 2016 with Dr. Heather Patrick and Dr. Karen Chapman-Novakofski [Presenter]

### **International and National Workshops and Webinars**

- 2011 National Institutes of Health/National Cancer Institute (September 12-13, 2011) Bethesda, MD  
*Cancer Prevention Begins in the Home* - The purpose of this meeting was to bring together experts in parenting research, broadly defined, and to discuss the role of parents in cancer-preventive behaviors including eating, physical activity, and weight management, as well as other behaviors such as tobacco use and sun safety. The main focus was to provide an opportunity for experts from a variety of disciplines to talk about the state of the science of: (1) the differentiation between parenting styles and practices and the implications for conceptualization, measurement, and cross-cultural research, (2) the role of the broader social context in shaping parenting and relationships between parents and children, (3) how to capitalize on data coming from multiple members within the same family, and (4) thinking beyond mothers as parents and primary caregivers. *Role:* Invited Participant
- 2011 American University and the Robert Wood Johnson Foundation (Nov 4-5, 2011) Chevy Chase, MD  
*Digital Food Marketing to Children and Adolescents* - The purpose of this meeting was to develop research methodologies for studying how social media marketing of food and beverage products is influencing young peoples' attitudes and eating behaviors; and, to create an interdisciplinary network of researchers and experts who can share ideas and collaborate on empirical studies. A particular focus is to increase understanding of the

new forms of measurement employed by social media marketers that might inform more innovative approaches to examining the impact of digital food marketing on adolescents.

*Role:* Invited Participant

- 2013 Pennington Biomedical Research Center (October 27-30, 2013) Baton Rouge, LA  
*Scientific Symposium and Public Health Conference: Optimal Clinical Management and Treatment of Childhood Obesity and Translation to the Public Health Context* – The objectives of this symposium was to integrate the latest published and unpublished findings on the clinical treatment and management of pediatric obesity, and to understand how the clinical treatment and management of pediatric obesity can be integrated into public health approaches.  
*Role:* Invited Participant
- 2013 The Obesity Society 2013 Annual Meeting (November 12, 2013) Atlanta, GA  
*Mobile Health Bootcamp for Pediatric Obesity* preconference workshop was sponsored by the National Collaborative on Childhood Obesity Research and The Obesity Society Electronic and Mobile Health Section (EMS). This one-day interactive workshop offered participants a primer on mobile health (mHealth) from the ground up, using prevention and treatment of pediatric obesity as a model test bed for mHealth research. Sessions covered how to develop a transdisciplinary team for mHealth applications in prevention and treatment of childhood obesity, and methods to capture and analyze enormous amounts of data in real time. Experts in the field of mobile and wireless health served as faculty moderators, leading small groups of 6-8 participants through the process of designing a mobile health intervention for children.  
*Role:* Faculty
- 2015 International Society for Behavioral Nutrition & Physical Activity 2015 Annual Meeting (June 3, 2015) Edinburgh, UK *Building a Successful Mobile Health Research Project: Tools, Approaches and Trans-disciplinary Collaboration*  
The purpose of this workshop was to provide a primer on mobile and wireless health research within the context of diet and physical activity interventions for behavior change and maintenance. Guided by international leaders in engineering, medicine, and behavioral nutrition and physical activity, attendees worked in teams to select appropriate mHealth technologies and methods, and integrate them with diet and physical activity assessment and/or intervention activities within the context of a common case study.  
*Role:* Co-Lead and Developer
- 2015 International Society for Behavioral Nutrition & Physical Activity Webinar Series (November 2015)  
*Forging public-private partnerships to advance the science and practice of mHealth.*  
The purpose of this webinar was to advance understanding of the science and practice of mHealth from the perspectives of a behavioral scientist who has successfully partnered with industry (Prof Tom Baranowski) and a business leader who has developed and marketed a product designed to impact obesogenic behaviors (Ms Joanna Strober, CEO of Kurbo). Each speaker will present experiences and relevant data from their respective programs (~20 min each). This will be followed by a moderated discussion in which both presenters and listeners will discuss ‘best practices’ for engaging in mutually beneficial partnerships to advance the science and practice of mHealth (~35 min).  
<https://www.isbnpa.org/index.php?r=media/view&id=48>  
*Role:* Developer and Moderator

### **Conference Presentations - \*indicates mentored co-author**

#### **International**

- 2007 **Hingle M**, Going S, Lohman T and Cussler E. *Correlates of Parental and Child Health Behaviors with BMI: Targets for Intervention*. Presented at the International Society for Behavioral Nutrition and Physical Activity, Oslo, Norway.
- 2008 **Hingle M**, Lohman T, Cussler E and Going S. *Parental Support and Encouragement Predict Child Self-Esteem and Body Composition*. Presented at the International Society for Behavioral Nutrition and Physical Activity, Banff, Alberta, Canada.

- 2009 **Hingle M**, O'Connor T and Baranowski T. *Parental Involvement in Interventions to Improve Child Dietary Intake and Prevent disease*. Presented at the International Society for Behavioral Nutrition and Physical Activity, Cascais, Portugal. [Symposium]
- 2015 **Hingle M**, McDonald D, Greenblatt Y\*, Rico K, Gomez S and Alleman G. *Formative Research to Understand Promoters and Barriers to Participation in the Supplemental Nutrition Program for Women, Infants, and Children (WIC)*. Presented at the International Society for Behavioral Nutrition and Physical Activity, Edinburgh, Scotland.
- 2016 **Hingle M**, Saboda K, Roe D, Kutob R, Stump C, Merchant N, Going S. *Preliminary Impact of a Family-Focused Community-Based Program to Prevent Diabetes in Children: The EPIC Kids Study*. Presented at the International Society for Behavioral Nutrition and Physical Activity, Cape Town, South Africa.

### National/Regional

- 2009 **Hingle M** and Going S. *Comparison of Physical Activity Measurement Methods in Preadolescent Girls*. Presented at the American College of Sports Medicine Annual Meeting, Seattle, WA, May 2009.
- 2009 Going S, Hongu K, **Hingle M**, Orr B, Merchant N, Nichter M, Roe D, Astroth K, Borden L and Marsh S. *Stealth Health: Youth Innovation, Mobile Technologies, and Social Networking to Promote Physical Activity*. Presented at Agriculture and Food Research Initiative (AFRI) Human Nutrition Obesity Meeting, Baltimore, MD, June 2009.
- 2010 **Hingle M**, Beltran A, Baranowski J, Thompson D, O'Connor T and Baranowski T. *Exploring Determinants of Vegetable Parenting Practices*. Presented at the International Society for Behavioral Nutrition and Physical Activity, Minneapolis, MN, June 2010.
- 2010 Going S, Hongu K, **Hingle M**, Orr B, Merchant N, Nichter M, Roe D, Astroth K, Borden L and Marsh S. *Stealth Health: Youth Innovation, Mobile Technologies, and Social Networking to Promote Physical Activity*. Presented at the Agriculture and Food Research Initiative (AFRI) Human Nutrition Obesity Meeting, Denver, CO, June 2010.
- 2011 Wilkinson-Lee A, **Hingle M** and Wilhelm M. *Best Practices From the Data Collector's Perspective: Defining Hard and Soft Refusals and Exploring Effective Conversion Strategies*. Presented at National Children's Study Research Day, National Institutes of Health, Bethesda, MD.
- 2011 **Hingle M**. *Texting Health to Teens: Nutrition Education in 140 Characters or Less*. Presented at American Dietetic Association Food & Nutrition Conference & Expo, San Diego, CA, September 2011. [Research and Practice Innovation Session, Published Abstract]
- 2011 Thomson C, **Hingle M**, Wertheim B, Wang L, Neuhouser ML, Gong Z, Stefanick M and Manson JE. *Alcohol Consumption and Weight Change in Postmenopausal Women: Results from the Women's Health Initiative*. Presented at the Obesity Society, Orlando, FL, September 2011.
- 2011 **Hingle M**, Nichter M, Merchant N, Medeiros M, Grace S, Kulasinghe D, Parizek D, Hongu K, Orr B and Roe D, Going S. *Development and evaluation of health messages and an SMS-based software delivery system for distribution to and use by adolescents: Akshen Talk*. Presented at the 2012 mHealth Summit, Washington, DC, December 2011.
- 2012 **Hingle M**, Roe D, Saboda K and Going S. *Motivations for Healthy Eating and Dietary Behavior in a Diverse Group of Adolescents*. Presented at the International Society for Behavioral Nutrition and Physical Activity, Austin, TX, May 2012.
- 2012 Burd R and **Hingle M**. *Development and Classroom Incorporation of Novel Software for Collection and Visualization of Dietary Behavior and Reasons for Eating*. North American Colleges and Teachers of Agriculture Annual Meeting, University of Wisconsin, River Falls, WI, June 2012.
- 2012 **Hingle M**, Nichter M, Merchant N, Hongu N, Roe D and Going S. *Development and Evaluation of An Informal SMS-Based Intervention To Promote Healthy Lifestyle Behaviors In Adolescents*. Presented at the Society for Nutrition Education and Behavior, Washington, DC, June 2012.
- 2012 Going SB, Hongu K, **Hingle M**, Orr B, Merchant N, Nichter M, Roe D, Astroth K, Borden L and Marsh S. *Stealth Health: Youth Innovation, Mobile Technology, Online Social Networking, and Informal Learning to Promote Physical Activity*. Presented at the Society for Nutrition Education and Behavior, Washington, DC, June 2012.
- 2012 Burd RM, Yoon D and **Hingle M**. *Collection and Visualization of Dietary Behavior and Reasons for Eating Using a Popular and Free Software Application*. Presented at Medicine 2.0, Boston, MA, Sept 2013.

- 2012 **Hingle M**, Ellison E, McKenzie N, Thomson C, Logan RA and Harris RB. *Youth-Participatory Approach to Inform the Development of SMS Messages to Promote Sun Safe Behaviors in Adolescents*. Presented at Wireless Health 2012, La Jolla, CA, October 2012.
- 2013 Kunkel D and **Hingle M**. *Longitudinal Monitoring of Industry Self- Regulation of Televised Food Marketing to Children and Its Impact on Nutritional Quality*. Presented at the 7<sup>th</sup> Annual Robert Wood Johnson Foundation Healthy Eating Research Grantee Meeting, New Orleans, LA, March 13-15 2013.
- 2013 **Hingle M**, Snyder A, McKenzie N, Thomson C, Logan RA, Harris RB. *Texting Teens to Promote Knowledge, Attitude and Behavior Change for Skin Cancer Prevention*, Presented at Society of Behavioral Medicine 34<sup>th</sup> Annual Meeting, San Francisco, CA, March 20-22 2013.
- 2013 Tabung F, Steck SE, Ma Y, Ockene JK, Shivappa N, Hurley TG, Liese AD, Zhang J, Shikany JM, Park HL, Millen AE, Martin LW, Jiao L, Hou L, Agalliu I, **Hingle M**, Liu S, Rosal M and Hebert JR. *Validation of the Dietary Inflammatory Index in the Women's Health Initiative*, Presented at Experimental Biology, Boston, MA, April 20-24, 2013.
- 2013 Tinker LF, Neuhouser ML, Prentice RL, Di C, Caan B, Beasley J, Zheng C, Howard BV, Johnson KC, Van Horn L, Beresford S, Seguin R, Song Y, Ryckman K, Eaton C, Mossavar-Rahmani Y, Thomson C, **Hingle M**, Stern J, Tindle H, Qi L and Waring ME. *Biomarker calibrated estimates of dietary self-reported energy intake and the risk of overweight and obesity in the Women's Health Initiative (WHI)*. Presented at WHI Investigator's Meeting, Seattle, WA, May 1-3, 2013.
- 2013 **Hingle M**, Hongu K, Orr B, Merchant N, Nichter M, Roe D, Astroth K, Borden L, Marsh S and Going SB. *Stealth Health: Youth Innovation, Mobile Technology, Online Social Networking, and Informal Learning to Promote Physical Activity*. Presented at the Society for Nutrition Education and Behavior, Portland, OR, August 9-12, 2013.
- 2014 Diep C, **Hingle M**, Chen T, Dadabhoy H, Beltran A, Baranowski J, Subar A and Baranowski T. *Validation of the Automated Self-Administered 24-hour dietary recall for Children (ASA-24 Kids) among 9-11-year-old youth*. Presented at the International Society for Behavioral Nutrition and Physical Activity, San Diego, CA, May 21-26, 2014.
- 2015 Greenblatt Y\*, Gomez S, Alleman G, Rico K, McDonald D and **Hingle M**. *Optimizing Nutrition Education in the Special Supplemental Nutrition Program for Women, Infants, and Children (WIC)*. Presented at Experimental Biology, Boston, MA, March 28-April 1, 2015.
- 2015 **Hingle M**. *Text Messaging in Physical Activity Promotion: Best Practices and Lessons Learned from the Field*. SBM/ACSM co-sponsored symposium: Technology, Physical Activity, and Healthcare: Using Exercise in Medicine (Buman M, Hingle M, Richardson C, Craft L, Marquez D, with Sheinfeld S and Lewis B). Presented at Society for Behavioral Medicine, San Antonio, TX, April 22-25, 2015. [Invited Symposium, Speaker]
- 2015 **Hingle M**. *Mobile and Wireless Approaches to Dietary Behavior Change: What is the evidence, and where do we go from here?* SNEB Plenary Session: Augmenting Nutrition with Technology: Providing Some Answers. Presented at the Society for Nutrition Education and Behavior, Pittsburgh, Pennsylvania, July 27, 2015. [Invited Presentation]
- 2015 **Hingle M**, Wertheim BC, Bea JW, Garcia DO, Neuhouser ML, Seguin R, Snetsaalar L, Tinker L, Waring ME, Thomson CA. *Dietary Energy Density and Weight Change in the Women's Health Initiative*. Presented at The Obesity Society 2015, Los Angeles, CA, November 3-7, 2015.
- 2016 Gordon J, Armin, J, Cunningham J, Giacobbi P, **Hingle M**, Johnson T. *See Me Smoke-Free: An Mhealth App for Women to Address Smoking, Diet and Physical Activity*. Presented at the Society for Behavioral Medicine, 2016, Washington DC, March 30-April 2, 2016. [Submitted]
- 2016 Hubbs-Tait L, Kimble A, **Hingle M**, Novotny R, Fiese B. *A systematic review of obesity prevention and treatment trials addressing parenting*. Presented at Experimental Biology 2016, San Diego, CA, April 2-6, 2016. [Submitted]
- 2016 Ussery C\*, Going S, Roe D, Kutob R, Stump C, Merchant N, **Hingle M**. *Metabolic risk factor prevalence in children participating in a family-based community diabetes prevention program*. Presented at Experimental Biology 2016, San Diego, CA, April 2-6, 2016. [Submitted]
- 2016 Garcia DO, Wertheim BC, Bea JW, Chen Z, **Hingle MD**, Klimentidis YC, Lewis CE, Thomson CA. *Relationships between adiposity indices and mortality in a multiethnic menopausal cohort: findings from the Women's Health Initiative*. Presented at the Women's Health Initiative Annual Investigator's Meeting 2016, Columbus, OH, May 1-2, 2016.

## **University Seminars and Symposia**

- 2004 The University of Arizona, CALS, Conception to Consumer: From the Ranch to Your Plate. *Health Facts Regarding Protein-Dense Diets* (Invited)
- 2005 The University of Arizona, Department of Nutritional Sciences Graduate Seminar. *Dietary Calcium and Health: Do Recommendations Align with Research Outcomes?* (Graduate Seminar)
- 2007 The University of Arizona, Department of Nutritional Sciences Graduate Seminar, *Gut Bacteria: Mechanism for Obesity?* (Graduate Seminar)
- 2008 Baylor College of Medicine. *Eat Your Vegetables! Designing Effective Nutrition Interventions Using a Mediating Variable Framework* (Postdoctoral Seminar)
- 2009 Baylor College of Medicine. *Family-Based Approaches to Childhood Obesity Prevention: Focus on Food Parenting Practices* (Postdoctoral seminar)
- 2010 The University of Arizona, Department of Nutritional Sciences. *The Use of Mobile Technologies to Impact Health Behavior: Nutrition Education in 160 Characters or Less* (Faculty Seminar)
- 2011 The University of Arizona, SISTA Lecture Series. *The Use of Technology to Change Nutrition and Physical Activity Behavior: The ViBE Project* (Invited)
- 2011 The University of Arizona, Family and Consumer Sciences In-Service. *A Collaborative Mind-Mapping Approach to the Obesity Challenge* (Invited)
- 2011 The University of Arizona, Diabetes and Endocrine Conference/Journal Club. *The Use of Mobile Technologies to Impact Health Behavior* (Invited)
- 2012 The University of Arizona MIS Department Speaker Series. *Optimizing the User Experience for Mobile Health Interventions* (Invited)
- 2014 Family and Community Medicine Grand Rounds. *Behavioral Approaches to Pediatric Obesity Prevention: A Focus on Mobile and Wireless Methods* (Invited)
- 2014 The University of Arizona Symposium on Arid Lands Agriculture, Food Security and Health. *Wireless and Networked Technologies for Health Promotion and Disease Prevention*, October 2014 (Invited)
- 2014 The University of Arizona CALS 2014 Research Forum. *E.P.I.C. Kids study: a family-focused community program to prevent type 2 diabetes in youth*. T Turner\* (presenting author), R Kutob, S Going, N Merchant, D Roe, C Stump, M **Hingle** (Poster)
- 2015 The University of Arizona Cooperative Extension 2015 Conference – *The Health Benefits of the Mediterranean Diet – with an Arizona Twist!* - Tucson, AZ 8/15 (Invited Talk)
- 2015 The University of Arizona CALS 2015 Research Forum. *Mindfulness-based App Aimed at Dietary Behavior in Teens*. T Turner\* (presenting author) and M **Hingle** (Poster)
- 2015 Cancer Prevention and Control Seminar. *The Role of Dietary Energy Density in Obesity and Cancer Prevention – Arizona Cancer Center*, December 2015 (Invited)
- 2016 UA Udall Center and School of Geography. Open Knowledge: Bridging Perspectives to Address Water Challenges. *Water, Energy, and Food Science-Policy Dialogue* - Tucson, Arizona, February 2016 (Invited Panel Member and Presenter)
- 2016 UA Graduate Center Lecture Series on Healthy Living: *Are You What You Eat?* (Invited Panel Member and Presenter) w/SB Going

## **AWARDED GRANTS AND CONTRACTS**

### **Federal**

#### **Current Support** (% indicates **award** credit)

**PI** (75%): **Hingle M (PI)**, Kutob R (Co-PI), Going S, Stump C, Merchant N (Co-I).

Source: 1 R21 DK100805-01 National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases

Title: Family-Focused Community Program to Prevent Type 2 Diabetes in Peripubertal Youth

Time Period: 07/14-6/16 **total award: \$398,333 (direct: \$275,000)**

#### **Pending Support**

**PI** (50%): **Hingle M (PI)**, Kopp L (Co-PI)

Source: National Institutes of Health – National Cancer Institute

Title: Parent-Focused Intervention to Prevent Chronic Disease in Child Cancer Survivors

Time Period: 04/01/17-03/31/19 **total award: \$440,898 (direct: \$275,000)**

**Co-PD (20%):** Nabhan G (PD), Marston S (Co-PD), **Hingle M (Co-PD)**, Mayer B (Co-PD)  
Source: United States Department of Agriculture Higher Education Challenge Grant  
Title: Advancing Career Readiness for Food Systems Change through Interdisciplinary Student Engagement  
Time Period: 8/1/16-7/31/19 **Total: \$201,593 (direct \$155,072)**

### **Completed Support**

#### **Federal**

**Co-I (10%):** Gordon J (PI), **Hingle M (Co-I)**, Johnson T (Co-I)  
Source: 1R21 CA174639 National Institutes of Health, National Cancer Institute  
Title: Mobile Software App for Guided Imagery to Address Smoking, Diet and Physical Activity in Women  
Time Period: 1/14-12/15 **total award: \$210,593 (direct: \$142,788)**

**Co-I (10%):** M Stefanick (PI-Stanford), C Thomson (PI-AZ site), Z Chen (Co PI), S Going (Co-PI), **M Hingle (Co-I)**, J Wright Bea (Co-I)  
Source: HHSN26820110003C National Institutes of Health, National Heart Lung and Blood Institute  
Title: The Women's Health Initiative for Regional Field Center  
Time Period: 10/10-9/15 **total award: \$1,115,714**

**PI (100%):** **Hingle M (PI)**, Turner T (Co-PI)  
Source: HHSN 261200900022C National Institutes of Health and ICF Incorporated  
Title: W8-4-TXT  
Time Period: 06/22/14-07/31/14 **\$8,355 total (cost-reimbursable subcontract)**

**Co-PI (49%):** R Burd (PI), **M Hingle (Co-PI)**  
Source: HHSN276201000757P United States Department of Agriculture 2010-38411-21348  
Title: A Collaborative Mind-Mapping Solution to the Obesity Challenge  
Time Period: 8/10-7/14 **direct: \$455,091; total: \$910,182 (1:1 match required)**

**Co-I (15%):** R Harris (PI), C Thomson (Co-PI), **M Hingle (Co-I)**, N McKenzie (Co-I)  
Source: HHSN276201000757P National Institutes of Health, National Library of Medicine  
Title: Texting Teens About Wellness and Skin Cancer  
Time Period: 7/10-6/13 **direct: \$225,000**

**Co-I (0%):** Martinez F (PI), Wilhelm M (Co-PI), **Co-Is:** Wilkinson-Lee A, Roebuck J, **Hingle M.**  
Source: N01 HD80034 National Institutes of Health/National Institute of Child Health and Development  
Title: The National Children's Study  
Time Period: 09/08-09/13 **total (5 years): \$44,763,001**

**Collaborator:** Going S (PI), Hongu N (Co-PI), Orr B (Co-PI), Nichter N (Co-PI), Roe D, Merchant N, Borden L, Marsh S, Astroth K, **Hingle M**  
Source: USDA-2009-55215-05187, Agriculture and Food Research Initiative/United States Department of Agriculture  
Title: Stealth Health: Youth Innovation, Mobile Technology, Online Social Networking and Informal Learning to Promote Physical Activity  
Time Period: 01/09-12/11 **total award (3 years): \$1,476,303**

**Trainee:** Heird W (PI), **Hingle M** (Postdoctoral research fellow)  
Source: 5T32HD007445 National Institutes of Health, NICHD  
Title: Research Training in Maternal, Infant, and Child Nutrition  
Time Period: 07/01/08-06/30/09

#### **State/Local**

PI (100%): Hingle (PI)



Source: The University of Arizona Canyon Ranch Center Prevention and Health Promotion Faculty  
Pilot/Feasibility Study Grant Program 2013-14  
Title: Technology-based intervention among WIC participants  
Time Period: 11/13-10/14 **\$20,000 total direct (no indirect costs)**

**Private Foundation**

**Co-I (0%):** D Kunkel (PI), **M Hingle (Co-I)**  
Source: RWJF13226 Robert Wood Johnson Foundation  
Title: Longitudinal Monitoring of Industry Self- Regulation of Televised Food Marketing to Children and Its  
Impact on Nutritional Quality  
Time Period: 10/12-3/14 **direct: \$164,508**

**TEACHING AND ADVISING**

**Formal Courses, Developed and Taught**

**NSC 696B** – *Graduate Seminar in Nutritional Sciences*, 1 unit

Instructor of Record, Spring Semester

Delivery: Face-to-face

Average Rating of Teaching Effectiveness: (Spring 2014, 6 students – 4.6/5.0; Spring 2015, 4 students - 5.0/5.0)

This course provides graduate students the opportunity to acquire, critically evaluate, and integrate information from primary sources on a selected topic, and communicate information clearly and accurately to an audience. Students prepare and practice different scientific presentation formats and learn from outside speakers as they present on a variety of nutritional sciences topics.

**NSC 520** – *Advanced Nutritional Sciences*, 3 units

Instructor of Record, Fall Semester

Delivery: Face-to-face

Average Rating of Teaching Effectiveness: (Fall 2013, 5 students - 4.6/5.0; Fall 2014, 7 students – 4.4/5.0; Fall 2015, 3 students, 4.3/5.0)

This course is designed to advance graduate student understanding of nutritional sciences research design, methods, and implementation and interpretation of research findings. Weekly discussions include current advances in nutrition science research for selected chronic diseases. Students critically review NSC papers covering basic to applied research, and work on small teams to write a grant proposal focused on a nutrition topic.

**Honors Colloquium Fall 2015** – *Are You What You Eat?* 1 unit

Course Co-Developer and Instructor

Delivery: Face-to-face

Average Rating of Teaching Effectiveness: (18 students)

Using the scientific method as the guiding framework, students will investigate the veracity of some of the more popular beliefs related to nutrition and energy balance, and discuss the relevance of the (often surprising) outcomes to the behaviors that shape weight and health. This course was offered to freshmen in the Honors College in Fall 2015.

**Honors Colloquium Fall 2012** – *Regional Food Systems and Food Security*, 1 unit

Course Developer and Instructor of Record

Delivery: Face-to-face

Average Rating of Teaching Effectiveness: 4.9/5.0 (Fall 2012, 18 students)

This course discussed the factors that influence the use of regional food systems to reduce food insecurity and improve health within the context of nutrition education. Students will also have the opportunity to explore the link between nutritional science, agriculture, and wellness first hand through fieldwork and project-based learning. This course was offered to freshmen in the Honors College in Fall 2012.

**NSC 595B** – *Special Topics in Nutritional Sciences: Behavioral Approaches to Obesity Prevention*, 3 units

Course Developer and Instructor of Record, Spring 2011

Delivery: Hybrid - Face-to-face and online

Average Rating of Teaching Effectiveness: 5.0/5.0 (7 students)

The goal of this course was to develop and test a new approach to obesity prevention education. Students participated in class discussions and used mobile- and web 2.0-based technologies to engage in activities that supported behavioral-based approaches to obesity prevention. Students presented findings to the class using online learning tools. This was also offered as an independent study to undergraduate students.

**NSC 315 - Sports Nutrition, 3 units**

Course Co-Developer; Instructor of Record, Summer 2009

Delivery: Face-to-face

Average Rating of Teaching Effectiveness: 4.5/5.0 (22 students)

This elective course was designed to provide students with fundamental nutrition knowledge an opportunity to apply nutrition concepts to topics in exercise and sports through case studies, research projects, debates, and in-class laboratories and activities.

**NSC 301 - Nutrition and the Lifecycle, 3 units**

Role: Teaching Assistant, Summer 2007, Instructor: Dr. Patricia Sparks

Taught several lectures consisting of nutrition and life cycle topics to 25 undergraduate students in summer session.

Graded examinations for nutrition and life cycle class and worked closely with instructor to develop interactive class activities to facilitate mastery of subject matter.

**Formal Courses, Developed and Approved**

**NSC 311 – A Systems Approach to Obesity Prevention, 3 units**

Role: Course Developer

*Developed for online delivery*

The goal of this course is to present a systems approach to obesity prevention – i.e. understanding the complex task of trying to change the way people eat, move, and live, and sustaining those changes over time. Students will learn causes and correlates of diet, physical activity, and obesity, data and methods related to assessment of obesity, the health and financial consequences of the obesity epidemic, and will gain insights into obesity prevention, treatment, and policy approaches. Approved Spring 2013 and in the UA Catalog.

**Guest Lectures**

- NSC 444      *Community Nutrition: Hydration* (Spring 2010, Jackson)
- NSC 315      *Sports Nutrition: Endurance Athletes; Youth Nutrition; Sports Nutrition Products* (Summer 2010, Ricketts)
- NSC 440      *Nutritional Assessment and Management: Body Composition Assessment Techniques* (Fall 2010, Howell)
- NSC 601      *Bioenergetics: Hypercatabolic State* (Fall 2010, Going)
- PSIO 495T    *Topics in Physiology Energy Balance and Obesity Prevention* (Spring 2012, Rankin)
- FSHD 323    *Infancy/Child Development Behavioral Approaches to Obesity Prevention* (Fall 2012, Barnett)
- NSC 520      *Advanced Nutritional Sciences: Dietary Behavior Assessment* (Fall 2012, Teske)
- NSC 396A    *Survey of Nutrition Careers Research in Childhood Obesity Prevention* (Spring 2012, 2013 Jackson)
- CPH 478/578 *Maternal and Child Nutrition: Behavioral Approaches to Obesity Prevention* (Fall 2012, 2013 Taren)
- CPH 597E    *Public Health for Community Wellness: The Use of Technology for Behavior Change* (Fall 2012, 2013, Thomson)
- PSIO 295H    *Honors PSIO Course: Careers in Health Sciences* (Spring 2013, Fall 2014, Spring 2015, Rankin)
- CPH 588      *Adolescent Health: Behavioral Approaches to Obesity Prevention* (Spring 2013, Leybas-Nuno)
- NSC 455      *NSC Study Abroad in Verona, Italy: The Mediterranean Diet and Physical Activity* (Summer 2015, Romagnolo)

**Mentoring**

**Postdoctoral Trainees**

**Tami Turner**

Postdoctoral Associate, Department of Nutritional Sciences

January 2, 2014 – December 31, 2015

*Advising role:* Faculty Mentor

Publications: Turner et al., 2015 *Pediatr Obes*; Hingle et al., 2015 *BMC Public Health*

Grants: W84TXT (completed); Mindfulness and eating behavior pilot study (completed)

NIH R21 Mindfulness (submitted to NIH/NICHHD, unscored)

## Graduate Students

### *Thesis, Dissertation, and Internship Committees*

- Laura Hopkins** **MS Student, Department of Nutritional Sciences**  
Project: EPIC Kids – The effect of a 12-week family based community intervention on percent change in overweight in 9-12-year-old children at risk of type 2 diabetes  
*Advising role: **Thesis Director** – MS anticipated 8/16*
- Lisa Kopp** MPH Student, Mel and Enid Zuckerman College of Public Health  
Project: Lifestyle Interventions to Reduce Metabolic Disease Risk in AYA  
*Advising role: Internship Preceptor; MPH anticipated 5/16*
- Jacquine Stork** MPA Student, Mel and Enid Zuckerman College of Public Health  
Project: Food for Thought – Nutrition Education in the EPIC Kids Study  
*Advising role: Internship Preceptor; MPA anticipated 5/16*
- Jennifer Ha** MPH Student, Mel and Enid Zuckerman College of Public Health  
Project: Evaluation of *EPIC Kids*: A Family-Centered, Community-Based Type 2 Diabetes Prevention Program for Youth  
*Advising Role: Internship Committee Member; MPH anticipated 5/16*
- Chris Ussery** **MS Student, Department of Nutritional Sciences**  
Project: EPIC Kids – Characterizing metabolic syndrome in 9-12-year-old children at risk of type 2 diabetes  
*Advising role: **Thesis Director** – MS 05/16*
- Megan Hetherington-Rauth** **PhD Student, Department of Nutritional Sciences**  
Project: STAR Study – Bone health in young girls  
*Advising role: **Doctoral Committee Member** – PhD anticipated 5/17*
- Thao Mai** MPH Student, Mel and Enid Zuckerman College of Public Health  
Project: Revising and evaluating the Expanded Food Nutrition Education Curriculum  
*Advising role: Internship Committee Member, MPH 05/2015*
- Sarah Buss** MPH Student, Mel and Enid Zuckerman College of Public Health  
Project: Marketing a community-based family focused diabetes prevention program  
*Advising role: Internship Preceptor; MPH 05/2015*
- Raveena Sharma** Professional Science Masters in Biomedical Engineering, The University of Arizona  
Project: Cost/benefit model for a community-based family focused diabetes prevention program  
*Advising role: Internship Preceptor; PSM 08/2015*
- Stephanie Machado** MPH Student, Mel and Enid Zuckerman College of Public Health  
Project: Family-based intervention at Anschutz Health and Wellness Center  
*Advising role: Internship Committee Member; MPH 05/2015*
- Jeff Wilson** Doctoral Student, School of Geography and Development; PhD anticipated 5/16  
Project: Structural Violence and Diabetes in Low-Income Residents of Detroit  
*Advising role: Doctoral Committee Member*
- Yael Greenblatt** **MS Student, Department of Nutritional Sciences**  
Project: Let’s Talk About WIC: Promoters/deterrents to participation in the Special Supplemental Program for Women, Infants and Children  
*Advising role: **Thesis Director** – MS 05/2015*
- Louisa O’Meara** MPH Student, Maternal and Child Health, Mel and Enid Zuckerman College of Public Health  
Project: Evaluation of the MEZACOPH Healthy 2BeMe Summer Camp  
*Advising role: Internship Committee Member; MPH 05/2015*
- Cheralyn Schmidt** MPH Student, Maternal and Child Health, Mel and Enid Zuckerman College of Public Health  
Project: Pima County Cooperative Extension - Nutrition Education and WIC  
*Advising role: Internship Committee Member; MPH 05/2014*
- Donella Yoon** **MS Student, Department of Nutritional Sciences**  
Project: Collection and visualization of diet and physical activity behavior using “ViBE Tweet” mobile software application

Rocio Alman *Advising role: Thesis Committee Member; MS 05/2013*  
MPH Student, Mel & Enid Zuckerman College of Public Health  
Project: Stealth Health – data analysis and theoretical model development  
*Advising role: Internship Preceptor; MPH 05/2012*

Eden Ellison MPH Student, Mel & Enid Zuckerman College of Public Health  
Project: Texting 4 Teens – qualitative data collection and analysis  
*Advising role: Internship Committee Member; MPH 05/2012*

### ***Laboratory Rotations***

Jamie Coburn Doctoral Student, Department of Nutritional Sciences, Fall 2014  
Project: Development of a measurement protocol for a community-based family focused diabetes prevention program

Laura Hopkins Non-degree seeking student, Department of Nutritional Sciences, Fall 2014  
Project: Development of a measurement protocol for a community-based family focused diabetes prevention program

Yael Greenblatt MS Student, Department of Nutritional Sciences, Fall 2013  
Project: A technology-based intervention to enhance healthy snacking behaviors in WIC participants and their preschool-aged children – literature review to inform intervention development

Almira Rezaimalek MS Student, Department of Nutritional Sciences, Spring 2013; Fall 2013  
Project: Manuscript - The Use of Technology to Impact Nutrition and Physical Activity Behavior of Children and Adolescents – co-author; literature review related to NIH grant, “The Use of Guided Imagery to Impact Diet and PA in Weight-Concerned Women Smokers”

### ***Independent Study***

Jeff Wilson Doctoral Student, School of Geography and Development, College of Social and Behavioral Sciences, Spring 2014 (3 units)  
Project: Diabetes Prevention in Low-Income Populations – review of the literature

### **Undergraduate Students**

#### ***Honor's Thesis/Honor's Projects/Directed Research***

Brooke Campbell Honors Student, Department of Nutritional Sciences, Honor's Thesis, Spring 2016 (3 units)  
Project: EPIC Kids: Diet quality

Jenna Radomski Honors Student, Department of Nutritional Sciences, Honor's Thesis, Spring 2016 (3 units)  
Project: EPIC Kids: Physical Activity

Kayla Lederer Honors Student, Department of Physiology, Honor's Independent Study, Spring 2015 (3 units)  
Project: EPIC Kids

Paeyton Schofield Honors Student, College of Nursing, First Year Research Project, Spring 2015 (3 units)  
Project: Role of Sugar-Sweetened Beverages in Risk of Type 2 Diabetes in Youth\*  
*\*Awarded **Honorable Mention** at First-Year Honor's Showcase*

Madison Egan Honors Student, College of Public Health, First Year Research Project, Spring 2014 (3 units)  
Project: Developing and Promoting Healthy Affordable Snacks for WIC Participants

Zachary Gastelum Honors Student, Department of Physiology, Honor's Thesis, 2013-14  
Project: *Get Sqord! Comparing two physical activity measurement devices*, BS, 5/14

Rachel Smith Honors Student, Department of Nutritional Sciences, Honor's Thesis, 2013-14  
Project: *Longitudinal Monitoring of Industry Self-Regulation of Televised Food Marketing to Children and Its Impact on Nutritional Quality*, BS, 5/14

Megan Meyer Honors Student, Department of Nutritional Sciences, Honor's Thesis, 2012-13  
Project: *Assessing the impact of gardening participation on diet quality* – BS, 5/13

#### ***Undergraduate Independent Study***

Ashleigh Comber Department of Nutritional Sciences, Fall 2014 (2 units)  
Project: Community-based family focused diabetes prevention program; helped develop and test nutrition education materials with the Garden Kitchen

Emily McGovern Department of Nutritional Sciences, Fall 2014, Spring 2015 (2 units)  
Project: Community-based family focused diabetes prevention program; helped develop and test nutrition education materials with the Garden Kitchen

Breanna Wilson Department of Nutritional Sciences, Spring 2014 (3 units)  
Project: Mobile Application for Guided Imagery Targeting Weight-Concerned Women Smokers; identified and rated existing apps

### ***Undergraduate Biology Research Program***

Madison Egan UBRP Student, Department of Nutritional Sciences, Summer 2015  
Project: EPIC Kids Study – Comparing children’s parent-reported height and weight versus measured – implications for clinical trials screening

### ***MCB Undergraduate Mentor Program***

Alondra Harris Fall 2014  
Emilee Hoopes Group Project: The effect of dietary macronutrient distribution on type 2 diabetes risk factors  
Jacob Cabrejas in young adults  
Saffie Mohran

### ***Summer Research Institute***

Danielle Ambuel Summer 2013 Research Institute Award Recipient, Department of Nutritional Sciences  
Project: Longitudinal Monitoring of Industry Self-Regulation of Televised Food Marketing to children and Its Impact on Nutritional Quality

### ***Funded Undergraduate Student Training***

Project Team: T. Johnson (Project Leader, CS); **M. Hingle (Project Leader, NSC)**  
Source: Computing Research Association's Committee on the Status of Women in Computing Research (CRA-W) with the National Science Foundation funded the Collaborative Research Experience for Undergraduates (CREU)  
Title: A Mobile Food Recommendation System Using Location Context  
Time Period: 8/12-7/13  
Award: \$11,500 (undergraduate stipends and equipment)  
Goal: Increase the numbers of women and minorities who continue on to graduate school in computer science, computer engineering, and allied disciplines. Two undergraduate students from UA Department of Nutritional Sciences (Chelsea Doll and Madison Kramer) each received \$3,000 stipend for the 2012-13 academic year to work on a team with faculty (Hingle and Johnson) and undergrad and grad students from Nutritional Sciences and Computer Science to develop an "intelligent" food recommendation system.

### ***Visiting Student Experiences***

Lorena Macias Navarro Visiting Scholar, Mexico City, Mexico, 2010-2011  
Project: Stealth Health – co-author on systematic review published in the Academy of Nutrition & Dietetics *Research Digest*; “*The Use of Technology to Impact Nutrition and Physical Activity Behavior of Children and Adolescents*”

Alejandra Salas Summer Research Institute Award Recipient, Universidad de Salle, Mexico, Summer 2010  
Project: Stealth Health - poster presentation, *The Use of Mobile Technologies to Impact Youth Nutrition and Physical Activity Behavior*

## **COMMUNITY NUTRITION EDUCATION AND OUTREACH**

### ***Invited Extension, Outreach, and Community Presentations***

2003 City of Tucson, Mayor’s Challenge, *Top 10 Nutrition Tips* – Tucson, AZ  
2004 City of Tucson, Tucson Challenge, *Eating Healthy for Life* – Tucson, AZ  
2005-08 Team-In-Training Clinic, *Sports Nutrition Fundamentals* - Tucson, AZ (8 clinics)  
2005 Tucson Tri Girls, *Sports Nutrition Fundamentals* (Clinic) - Tucson, AZ  
2005 Canyon Ranch Healthy Schools Workshop, *Putting School Wellness Policies into Practice* - Tucson, AZ

- 2006 Arizona State Bar Association Annual Southwest Chapter Meeting, *Healthy Eating Strategies* - Tucson, AZ
- 2006 Phi Alpha Delta Law Fraternity, James E. Rogers College of Law, *Eating Well On the Go* - The University of Arizona, Tucson, AZ
- 2006 Arizona Arthritis Center's Healthy Living Series, *Eat to Turn Down the Heat* (Keynote) – Tucson, AZ
- 2007 Northwest Hospital, *The Girth of America - Obesity in the US* - Tucson, AZ
- 2008 TriSports.com Tri Fest Conference, *Performance Nutrition* - Tucson, AZ
- 2010 NAE4-HA 2010, *Get in Shape: Stretch, Hydrate, Assess, & Protect While Exercising* (Workshop) - Phoenix, AZ
- 2010 The Winning Edge 2010: Sports Nutrition Conference, *DIY Sports Products* demonstration and *Fueling Young Athletes*, Tucson, AZ
- 2011 First Things First and UA Extension, Cochise County, *Healthy Homes* (Workshop) - Sierra Vista, AZ
- 2014 Psychology and Technology, Southern Arizona Psychological Association, *Mobile and Wireless Health Approaches to Health Behavior Change and Disease Prevention*, Tucson, AZ
- 2015 Research Frontiers in Nutritional Sciences 2015, Health Benefits of the Mediterranean Diet - with an Arizona Twist! – Tucson, AZ
- 2015 Southern Arizona Community Food Bank, *Diabetes Prevalence and Prevention in Low-Income Populations* – Tucson, AZ (January 15, 2015)
- 2015 UMC Dietetic Intern Program, *Developing a Strong Research Question* – Tucson, AZ [1-hour workshop]
- 2015 Op-Ed Project Publication in The Hill – *Next Time You're Searching For Something to Eat, Shop Your Refrigerator* – URL: <http://thehill.com/blogs/congress-blog/260825-next-time-youre-searching-for-something-to-eat-shop-your-refrigerator>
- 2016 Op-Ed Project Publication in the Medium - *The Customer Is Not Always Right* – URL: <https://medium.com/@melanie.hingle/the-customer-is-not-always-right-6f5376982b51#a24mjrawb>
- 2016 Op-Ed Project Publication in PBS Next Avenue - *There Are Tens of Thousands of Apps for That – Find the One That's Right for You* – URL: <http://www.nextavenue.org/tens-of-thousands-of-health-apps-which-one-is-right-for-you/>
- 2016 Op-Ed Project Publication in Ms. Magazine – *Some Bloody Good Feminism for Earth Day* – URL: <http://msmagazine.com/blog/2016/04/22/some-bloody-good-feminism-for-earth-day/>
- 2016 University of Arizona Cooperative Extension EFNEP Program, *A Nutrition Roundtable – All About Sugar* Webinar panelists: Melanie Hingle, Kayle Skorupski, Vanessa da Silva, Ronnie Mullins,