

CURRICULUM VITAE

Melanie D. Hingle, Ph.D., M.P.H., R.D.N.

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*

Credential: **Registered Dietitian Nutritionist**, Commission on Dietetic Registration, #914847 (August 2001)

Major Fields: Lifestyle behavior change intervention design and conduct; diabetes, obesity and metabolic disease prevention in children and families; use of wireless and networked technologies to influence health- and weight-related behaviors (e/mHealth, digital health); food security and diet-sensitive disease

CHRONOLOGY OF EMPLOYMENT

- 2019-Present Associate Professor (tenured), Department of Nutritional Sciences, College of Agriculture & Life Sciences (CALs), The University of Arizona, Tucson, Arizona
- 2019-Present Associate Professor (joint appointment), BIO5 Institute, The University of Arizona
- 2019-Present Associate Professor (joint appointment), Health Promotion Sciences Department, Mel and Enid Zuckerman College of Public Health, The University of Arizona, Tucson, Arizona
- 2013-2019 Assistant Professor (tenure eligible), Department of Nutritional Sciences, College of Agriculture & Life Sciences (CALs), The University of Arizona, Tucson, Arizona
- 2011-2013 Assistant Research Professor, Department of Nutritional Sciences, College of Agriculture & Life Sciences, The University of Arizona, Tucson, Arizona
- 2009-2011 Assistant Research Scientist, Department of Nutritional Sciences, College of Agriculture & Life Sciences, 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, College of Agriculture & Life Sciences, 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, College of Agriculture & Life Sciences, The University of Arizona, Tucson, Arizona

PROFESSIONAL TRAINING

- 2020 University of Arizona Faculty Learning Community: *Getting Started with Pressbooks* [Cheryl Cuillier and Krys Ziska Strange] – June 2020
- 2019 *Holding Space: A Guide for Partners in Tribal Research*. National Congress of American Indians Policy Research Center and University of Nevada, Reno, School of Community Health Sciences. Instructors: Julie Lucero (University of Nevada, Reno), Yvette Roubideaux (National Congress of American Indians), Gwynne Evans-Lomayesva (National Congress of American Indians) | March 29, 2019 | University of Arizona

- 2017-18 University of Arizona Academic Leadership Institute Fellow (nominated and supported by UA College of Agriculture & Life Sciences and UA Department of Nutritional Sciences)
- 2017 Battlefield Leadership, Billings, MT, Experiential Leadership Training; Nominated and Supported by UA College of Agriculture & Life Sciences and UA Department of Nutritional Sciences, September 6-8, 2017
- 2017 Alan Alda Center for Communicating Science Workshop, University of Arizona, February 9-10, 2017
- 2015-16 The Op-Ed Project, Public Voices Fellowship (Tucson) with the Women's Foundation of Southern Arizona and the University of Arizona (increasing women thought leaders in key commentary forums)
- 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, The University of Arizona, Tucson, AZ; Instructor: Dr. Jim Hunt, UA
- 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
- 2015-16 Fellow, Tucson Public Voices, The Op-Ed Project https://www.youtube.com/watch?v=uBP98Y_D1sE
- 2017-18 Fellow, Academic Leadership Institute, The University of Arizona
- 2018-19 Fellow, Udall Center for Studies in Public Policy Fellows Program, The University of Arizona
- 2019-20 Fellow, Society of Behavioral Medicine Leadership Institute

SERVICE/OUTREACH

Local/State

- 2011-13 Southern Arizona Community Food Bank, Food Resource Center Community Advisory Board
Role: Ad Hoc Member

National/International

- 2021- National Institutes of Health Lifestyle Change and Behavioral Health Study Section, Center for Scientific Review
Role: Standing Member
- 2019- International Society for Behavioral Nutrition and Physical Activity (ISBNPA) Finance Committee
Role: Member
- 2017- Frontiers in Nutrition (Nutrition Methodology Section)
Role: Review Editor
- 2016- International Journal of Behavioral Nutrition and Physical Activity
Role: Associate Editor
- 2015-2017 Dannon Nutrition Leadership Institute Alumni Steering Committee
Role: Domestic Committee Co-Chair

- 2015-Present American Journal of Health Promotion
Role: Associate Reviewer
- 2015-2018 Women's Health Initiative Study Publications and Presentations (P&P) Committee
Role: Adjunct Reviewer
- 2015-Present W2005-3005 Multistate Research Project: *Parenting, Energy Dynamics, and Lifestyle Determinants of Childhood Obesity: New Directions in Prevention*; Parenting and BMI group
Role: Secretary, 2015-2020
- 2014-2016 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
- 2014-2017 International Society for Behavioral Nutrition and Physical Activity (ISBNPA) e-Health/m-Health Special Interest Group
Role: Steering Committee Member
- 2013-2017 The Obesity Society, eHealth/mHealth (EMS) Section, Secretary/Treasurer (2013-14), Chair-Elect (2014-15), Chair (2015-16)
Role: Past Chair, 2016-17
- 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

- 2019 *Nutrition Reviews*
- 2018 *Children*
- 2017-present *Frontiers in Nutrition (Editorial Board of Nutrition Methodology Section since 2017)*
- 2016 *Obesity Science & Practice*
- 2015 *Advances in Nutrition*
- 2015 *BMC Public Health*
- 2015-present *American Journal of Health Promotion (Editorial Board since 2015)*
- 2015 *Nutrients*
- 2015 *Nutrition Research*
- 2015 *Preventing Chronic Disease*
- 2012-present *International Journal of Behavioral Nutrition and Physical Activity (Associate Editor since 2017; Editorial Board since 2015)*
- 2017 *International Journal of Obesity*
- 2017 *JAMA Pediatrics*
- 2012-present *Journal of Medical Internet Research*
- 2017 *Journal of Nutrition*
- 2013-14 *Pediatric Obesity*
- 2012-16 *Journal of Medical Internet Research*
- 2012-16 *American Journal of Preventive Medicine*
- 2012; 2014 *Appetite*
- 2011-15 *Journal of Nutrition Education & Behavior*
- 2011-2015 *Childhood Obesity*
- 2011 *Health Education Research*
- 2011 *Preventive Medicine*
- 2011 *Public Health Nutrition*
- 2015 *Translational Behavioral Medicine*
- 2010 *Journal of Diabetes, Science, and Technology*

Abstract Review for Professional Meetings

- 2020 Society of Behavioral Medicine, 2021 – **8 abstracts** for annual meeting in 2021
- 2019 Society of Behavioral Medicine, 2020 – **7 abstracts** for annual meeting in San Francisco, CA (March/April 2020)

- 2018 Society of Behavioral Medicine, 2019 – **10 abstracts** for annual meeting in Washington DC (March 2019)
- 2017 Society of Behavioral Medicine, 2018 – **11 abstracts** for annual meeting in New Orleans (April 2018)
- 2016 Society of Behavioral Medicine, 2017 – Co-Chair of Nutrition and Food Abstract Review – organized review of >100 abstracts submitted to SBM for consideration as a Nutrition and Food-themed abstract
- 2015 Society of Behavioral Medicine, 2016 – **14 abstracts** for annual meeting in Washington DC (March 2016)
- 2015 The Obesity Society, 2015 – **17 abstracts** for annual meeting in Los Angeles, CA (November 2015)
- 2015 International Society for Behavioral Nutrition & Physical Activity, 2015 – **24 abstracts** for annual meeting in Edinburgh, United Kingdom (June 2015)
- 2014 Academy of Nutrition and Dietetics, Food and Nutrition Conference and Expo, 2014 – **21 abstracts** for annual meeting in Atlanta, GA (October 2014)
- 2014 The Obesity Society, 2014 – **11 abstracts** for annual meeting in Boston, MA

Grant Reviews/Study Section

- 2021 National Institutes of Health, Center for Scientific Review, *Scientific Review Group ZRG1 RPHB-Z (10) B Small Business Disease Prevention and Management, Risk Reduction and Health Behavior Change*; **8 proposals** for March 15-16, 2021.
- 2020 National Institutes of Health, Center for Scientific Review, *PRDP-Psychosocial Risks and Disease Prevention Study Section*; **8 proposals** for October 15-16, 2020.
- 2020 National Institutes of Health, Center for Scientific Review, *Scientific Review Group ZRG1 RPHB-Z (10) B, Small Business Disease Prevention and Management, Risk Reduction and Health Behavior Change*; **8 proposals** for July 7-8, 2020.
- 2020 National Institutes of Health, National Institute for Diabetes and Digestive and Kidney Diseases *Special Emphasis Panel/Scientific Review Group 2019/05 ZDK1 GRB-1 (M1) 1 Natural Experiments and Pragmatic Research*; **4 proposals (R34 and R18)** for June 30, 2020.
- 2019 National Institutes of Health, Center for Scientific Review, *Scientific Review Group ZRG1 RPHB-Z (10) B, Small Business Disease Prevention and Management, Risk Reduction and Health Behavior Change*; **9 proposals** for Nov 14-15, 2019.
- 2019 National Institutes of Health, Center for Scientific Review, *Scientific Review Group 201908 ZRG1 RPHB-Z (10), Small Business Disease Prevention and Management, Risk Reduction and Health Behavior Change*; **9 proposals** for June 24-25, 2019
- 2019 National Institutes of Health, National Institute for Diabetes and Digestive and Kidney Diseases *Special Emphasis Panel/Scientific Review Group 2019/05 ZDK1 GRB-1 (M1) 1 Natural Experiments and Pragmatic Research*; **6 proposals (R34 and R18)** for February 11, 2019
- 2019 National Institutes of Health, *Program Evaluation of NIH Peer Review Processes: The Role of Anonymization*; **5 R01 proposals** for this NIH/CSR intramural study comparing reviewer scores of anonymized and non-anonymized R01 investigator grant applications, January 2019
- 2018 National Institutes of Health, Center for Scientific Review, *Scientific Review Group RPHB C10, Small Business: Risk, Prevention and Behavior*; **8 proposals** for November 19-20, 2018
- 2017 National Institutes of Health, Center for Scientific Review, *Scientific Review Group RPHB C10, Small Business: Risk, Prevention and Behavior*; **7 proposals** for June 26-27, 2017
- 2016 National Institutes of Health, Center for Scientific Review, *Scientific Review Group RPHB C10, Small Business: Risk, Prevention and Behavior*; **7 proposals** for Dec 1-2, 2016
- 2016 National Institutes of Health, Center for Scientific Review, *PRDP-Psychosocial Risks and Disease Prevention Study Section*; **4 proposals (R03, R21)** for June 13-14, 2016
- 2015 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*; **2 R01 proposals** for PAR 12 257
- 2013 United States Department of Agriculture/AFRI Panel A-2101, *Childhood Obesity Prevention Challenge Area*; **15 proposals** for September 2013

University Committees and Service

- 2016- University of Arizona Faculty Senate (elected by the General Faculty)
Roles: Chair of the Faculty (Interim, Jan-June 2021)
Vice Chair of the Faculty (2020-2022)
Senator (College of Agriculture & Life Sciences; Term I: 2016-18, Term II: 2018-20)
- 2020- University of Arizona Shared Governance Review Committee (University Committee; appointed per Faculty Bylaws and Constitution)
Role: Chair (2020-22)
- 2019-20 University of Arizona Strategic Planning and Budget Advisory Committee (University Committee; elected by the General Faculty)
Role: Member (2019-2020)
- 2020-21 University of Arizona Diversity & Inclusion Committee (Senate Standing Committee; appointed by the Chair of the Faculty)
Role: Member
- 2020- University of Arizona Financial Sustainability Task Force (Student Working Group; appointed by the Chief Financial Officer)
Role: Member
- 2018-2020 University of Arizona Academic Personnel Policy Committee (Senate Standing Committee; appointed by the Chair of the Faculty)
Role: Member (2018-19), Chair (2019-20)
- 2017-2020 University of Arizona Nominating Committee (General Faculty Committee; appointed by the Chair of the Faculty)
Role: Member (2017-20), Chair (2018-19)
- 2017-2019 University of Arizona and the Women's Foundation of Southern Arizona Tucson Public Voices Fellowship Executive Committee (nominated by Provost)
Role: Member
- 2016-2020 University of Arizona College of Agriculture & Life Sciences Faculty Council
Role: Ex officio
- 2015-2018 University of Arizona Center for Regional Food Studies, College of Social and Behavioral Sciences
Role: Faculty Advisory Board Member
- 2013- University of Arizona Behavioral Measurement and Interventions Shared Resource
Role: Faculty Advisory Board Member
- 2019 University of Arizona Office of the Secretary, Search for Senior Vice President for Government and Community Relations (2019)
Role: Search Committee Member
- 2019 University of Arizona RDI Research Advancement Grant Programs
Role: Reviewer

University Memberships

- 2018-Present Bio 5 Institute
Role: Member
- 2014-Present University of Arizona Collaboratory for Metabolic Disease Prevention and Treatment
Role: Research Member
- 2015-2017 University of Arizona Cancer Center
Role: Research Member
- 2013-Present Mel and Enid Zuckerman College of Public Health, Department of Health Promotion Sciences
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) Special Interest Group
<http://www.mhealth.arizona.edu/>
Role: Chair of the Steering Committee, 2012-14

Departmental Committees – Nutritional Sciences

- 2015-Present Development Committee
Role: Co-Chair (2013-2019); Chair (2019-2020)
- 2013-2017 Human Subjects Protection
Role: Member
- 2013-Present Graduate and Professional Programs
Role: Member
- 2013-2017 Research Frontiers in Nutritional Sciences Conference Committee
Role: Co-Chair (2015); Chair (2017)
- 2013-Present Faculty Search Committees
Department of Nutritional Sciences: Searches for Assistant/Associate Professor, Assistant/Associate Extension Specialist, and Assistant Professor of Practice resulting in 5 faculty hires in 2013-16, 2021
Role: Member (2013-16, 2021), Co-Chair (2016-17)
School of Animal and Comparative Biomedical Sciences: Assistant/Associate Professor Search
Role: Member (2018)
Department of Psychology: Open Rank Faculty Member in Health Psychology
Role: Member (2019)

Faculty Host for Invited Speakers, The University of Arizona:

- 2019 Heather Patrick, VP Behavioral Science, Carrot Inc., Redwood City, CA
- 2018 Rachel Novotny, Professor, University of Hawai'i, Manoa, Honolulu, HI
Gabriel Shaibi, Associate Professor, Arizona State University, Tempe, AZ
- 2017 Gregory Welk, Professor, Iowa State University, Ames, IA
- 2016 Melissa Olfert, Assistant Professor, West Virginia University, Morgantown, WV
- 2015 Melinda Manore, Professor of Nutrition, Oregon State University, Corvallis, OR
Teresia 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
- 2010-2017 The Obesity Society
- 2011-2015 Society for Nutrition Education and Behavior
- 2013-Present Society of 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, 11th 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. Going SB & **Hingle M**. Chapter 8, Body Composition, In: J. Conkle, J. Faerber & C. Ellis (eds.) Physical Education for Lifelong Fitness: The Physical Best Teacher's Guide, 4th edition, Human Kinetics, 2017.

Refereed Journal Articles (*indicates a mentored author)

My Bibliography (NCBI): <https://www.ncbi.nlm.nih.gov/myncbi/melanie.hingle.2/bibliography/public/>

1. Elder J, Cameron S, Moe S, Grieser M, **Hingle M**, Schachter K, Shuler L, Pickrel J, Pratt C, Saksvig B and Strohlein 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, **Hingle M**, Bell D. (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.
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As of January 25, 2021

Google Scholar H-index: 26 (number of publications that have been cited at least 26 times)

Google Scholar i10-index: 45 (number of publications with at least 10 citations)

WORK IN PROGRESS

Submitted or In Revision (*indicates a mentored author)

1. Olfert MD, Hagedorn RL, Houghtaling B, Esquivel MK, Hood LB, MacNell L, Soldavini J, Berner M, Savoie Roskos MR, **Hingle MD**, Mann GR, Waity JF, Knol L, Walsh J, Kern-Lyons V, Paul C, Pearson K, Goetz J, Spence M, Anderson Steeves E, L Wall-Bassett ED, Lillis JP, Kelly B, Hege A, C Fontenot MC, Coleman P,

- Struggling with the Basics: Food and Housing Insecurity Among College Students Across Twenty-Two Colleges and Universities. Submitted to: *Journal of American College of Health* (2021)
2. Hagedorn RL, Olfert MD, Waity JF, Kern-Lyons V, Hood LB, MacNell L, Soldavini J, Savoie Roskos MR, Esquivel MK, **Hingle MD**, Mann GR, Wall-Bassett ED, Hege A, Walsh J, Paul C, Houghtaling B, Pearson K, Knol L, Goetz J, Berner M, Lillis JP, Kelly B, Spence M, Anderson Steeves E, Coleman P, Fontenot MC. College Food Insecurity is Related to Lower Diet Quality and Cooking Self-Efficacy in a Multi-Institutional Investigation. Submitted to *Journal of Nutrition Education and Behavior* (2021)
 3. Short E*, Sharma J, Thompson D, Taren D, Gonzalez R, **Hingle M**. Food Bank Client Perspectives on Food Assistance and Related Resources for Households Affected by Type 2 Diabetes: A Qualitative Investigation. Submitted to *Appetite*, April 15, 2021.
 4. Morrill KE*, Lopez-Pentecost M, Ballesteros G, Pfander JL, **Hingle MD**, Klimentidis YC, Thomson CT, Garcia DO. Weight Loss Interventions for Hispanic Women in the United States: A Systematic Review. Submitted to *Journal of Obesity*, June 25, 2020.
 5. Morrill KE*, Crocker R, **Hingle MD**, Thomson CA, Garcia DO. Awareness, knowledge, and misperceptions related to nonalcoholic fatty liver disease in a community sample of Mexican-origin women: a mixed methods study. Submitted to: *Frontiers in Public Health*, November 15, 2020.
 6. Morrill KE*, Bland VL, Klimentidis YC, **Hingle MD**, Thomson CA, Garcia DO. Assessing the influence of interactions between PNPLA3 and dietary intake on liver fat in Mexican-origin adults. Submitted to: *Liver*, April 15, 2021.

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

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-idUSKBN0NT2EI20150508>
- 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 and
<https://www.youtube.com/watch?v=UFphv4KJD2o>
- 4/13/16 Live interview with host of Doctor Radio, on SiriusXM Channel 110, Dr. Arun Chopra, MD – *Diabetes prevention in youth and families*
- 11/3/19 *Combating Diabetes Through Food Security* - Arizona Republic & The University of Arizona College of Agriculture & Life Sciences <https://www.cals.arizona.edu/news/combating-diabetes-through-food-security>

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)
- 2017 Slimming World, Inc., Alfreton, United Kingdom. *Measuring, Modeling, and Modifying Dietary Behavior to Prevent Obesity and Metabolic Disease* (Workshop Presenter)

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 The Obesity Society's 2015 Annual Meeting. *Game-changing e/mHealth technologies for obesity prevention and control*. Hingle M, Spruit-Metz D, McCabe R, Pollak JP, Staiano A. Los Angeles, CA, November 3-7, 2015. [Session Chair]
- 2015 International Society for Behavioral Nutrition and Physical Activity. *Forging public-private partnerships to advance the science and practice of mHealth*. [Webinar] Role: Developer and Session Moderator, November 3, 2015. <https://www.isbnpa.org/index.php?r=media/view&id=48>
- 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]
- 2016 University of Hawai'i at Manoa, Honolulu, HI. *The EPIC Kids Study: a randomized family-focused YMCA-based intervention to prevent type 2 diabetes in at-risk youth* [Invited Seminar, September 20, 2016]
- 2017 Phoenix Children's Hospital 5th Annual Childhood Obesity Symposium. *Sustainable models of community-based diabetes prevention for at-risk children and families* [Invited Presenter, March 15, 2017]
- 2019 4th Annual El Rio-Wright Center for GME Community Health Research Fair. *Developing a model to impact diet-sensitive disease risk in community food bank settings: the FRESH-2 Study*. Short E, Gonzalez R, Sheava S, Taren D, Hingle M. Poster presentation at El Rio Community Health Center, Tucson, Arizona, [May 8, 2019]
- 2021 Academy of Nutrition and Dietetics, Nutrition Education for the Public DPG. *The Role of the RDN in Sustaining Positive Lifestyle* (with Katie Ellison, BS, and Gail Frank, PhD, RDN, NEP Professional Education Chair. Webinar. February 9, 2021.

International and National Workshops

- 2011 National Institutes of Health/National Cancer Institute (September 12-13, 2011) Bethesda, MD, United States
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, United States
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, United States
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 were 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, United Kingdom
Building a Successful Mobile Health Research Project: Tools, Approaches and Transdisciplinary 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: Developer, Co-Lead and Faculty
- 2017 International Society for Behavioral Nutrition & Physical Activity 2017 Annual Meeting (June 7, 2017) Victoria, British Columbia, Canada
Making e-/m-Health Work in the Real World: Lessons from Industry and Academia
 The purpose of this workshop is to advance understanding of the science and practice of e/mHealth from the perspectives of industry and academic experts who are engaged in novel methods of development, engagement, and evaluation of e-/m-Health products designed to change diet and/or physical activity behaviors beyond the confines of the randomized controlled trial. The process for engaging in mutually beneficial academic-industry partnerships will also be discussed. (Workshop Faculty: Paul Sacher, PhD, RD, Slimming World; Cynthia Castro Sweet, PhD, Omada Health, Inc.; Heather Patrick, PhD, Carrot, Inc.)
 Role: Developer, Session Chair
- 2018 Society of Behavioral Medicine 2018 Annual Meeting (April 11, 2018) New Orleans, Louisiana, United States
Making Digital Partnerships Work Across the Aisle: Lessons from Industry and Academic Scientists
 The purpose of this workshop is to advance participant understanding of the science and practice of digital health from the perspectives of industry and academic experts who are engaged in development of commercial digital health products designed to change health behaviors. Participants will learn how several digital health companies use the evidence base to inform product design and testing, and how researchers can collaborate with companies to develop and test scalable and cost-effective solutions. (Workshop Faculty: Paul Sacher, PhD, RD, Slimming World; Heather Patrick, PhD, Carrot, Inc.; Donna Spruijt-Metz, PhD, The University of Southern California; Kate Wolin, PhD, Interactive Health)
 Role: Developer, Session Chair
- 2019 International Society for Behavioral Nutrition and Physical Activity 2019 Annual Meeting (June 4, 2019) Prague, Czech Republic
The New Frontier of Behavioral Research: Big Data, User Phenotypes, and Precision Interventions
 The purpose of this half-day, interactive workshop is to advance participant understanding of multi-modal data integration, interpretation, and application from the perspectives of behavioral scientists engaged in diet, physical activity, and obesity prevention research. Participants will learn to identify the different types of data needed to create a real-world phenotype, propose how these data might be captured and integrated to form a holistic view of an individual and their health status, and discuss potential challenges of applying these data

within the context of personalized health and behavior change prescriptions. (Workshop Faculty: Heather Patrick, Carrot Inc.; Dori Steinberg, Duke University; Debbe Thompson, USDA/ARS Children's Nutrition Research Center and Baylor College of Medicine; Kelly Morgan, Cardiff University; Katherine Livingstone, Deakin University; Ann DeSmet, Ghent University
Role: Developer, Session Chair

- 2020 Society of Behavioral Medicine 2020 (2020 SBM Meeting cancelled due to COVID-19)
Getting Our Students Industry-Ready: A Design-Oriented Workshop to Advance Training for Careers in Industry
Workshop Faculty: Cynthia Castro Sweet, Eric Hekler, Jennifer Taylor, Melanie Hingle, David Strong
Role: Co-Developer

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. [Poster]
- 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. [Poster]
- 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. [Poster]
- 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. [Poster]
- 2019 Short C, Palmeira A, Marques M, Patrick H, **Hingle M**. *Defining Success in Digital Health Behavior Solutions: Academic vs Industry Perspectives*. Presented at the International Society for Behavioral Nutrition and Physical Activity, Prague, Czech Republic. [Symposium]
- 2021 Short E*, Serrano GA*, Saboda K, Roe DJ, Blew RM, **Hingle MD**. *Correlation Between Mother and Child Diet Quality Differs by Food Security Status*. Presented at International Society for Behavioral Nutrition and Physical Activity (ISBNPA) XChange 2021 [virtual due to COVID19]

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, Goings 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 Goings 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 Goings 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 Goings 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 7th 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 34th 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 Goings 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.
- 2016 Hopkins L*, **Hingle M.** *Evaluating the Public Health Impact of a Community-Based Family-Focused Diabetes Prevention Program Using RE-AIM.* Presented at Society for Nutrition Education and Behavior's 49th Annual Conference, San Diego, CA July 31-August 3, 2016.
- 2016 Egan M*, Hopkins L*, **Hingle M.** *Encourage Practice and Inspire Change in Kids (EPIC Kids) Diabetes Prevention Program at the YMCA.* Presented at Society for Nutrition Education and Behavior's 49th Annual Conference, San Diego, CA July 31-August 3, 2016.
- 2016 Hartenstein P*, Saboda K, **Hingle M,** McGovern E*, Chin C. *A community-based study assessing the relationship between HOMA-IR, sleep duration and school start times.* Presented at the American Academy of Pediatrics Annual Meeting, San Francisco, CA October 22-25, 2016.
- 2016 Garcia DO, Valdez LA, Aceves B, Campas D, Lopez J, **Hingle M,** Bell M, McEwen M, Hooker S. *Recruiting Hispanic Men for a Gender- and Culturally-Sensitive Weight Loss Intervention.* Presented at The Obesity Society Annual Meeting, New Orleans, LA, October 31-November 4, 2016.
- 2017 Sur B*, Going S, Saboda K, Roe D, Stump C, Kutob R, **Hingle M.** *Changes in BMI, self-reported family nutrition, physical activity, and sedentary behaviors in The EPIC Kids Study: a family-focused YMCA-based intervention to prevent type 2 diabetes in at-risk youth.* Presented at the Society of Behavioral Medicine Annual Meeting, San Diego, CA, March 29-April 1, 2017.
- 2017 Spruijt-Metz D, de la Haye K, **Hingle M,** Kobourov S, Stankovic J, Lach J. *Panel Discussion 4: New Technologies and Analytic Techniques: Toward Innovations in Monitoring, Modeling, and Modifying Food Intake.* Presented at the Society of Behavioral Medicine Annual Meeting, San Diego, CA, March 29-April 1, 2017.
- 2017 Thomson CA, Wertheim BC, **Hingle M,** Crane TE, Neuhouser ML. *Eating Frequency and Chronic Disease Risk Among Postmenopausal Women: Results from the Women's Health Initiative.* Presented at the Society of Behavioral Medicine Annual Meeting, San Diego, CA, March 29-April 1, 2017.
- 2017 Garcia D, Valdez L, Aceves, B, Campas D, Loya J, **Hingle M,** Bell M, McEwen, M. *A Gender- and Culturally-Sensitive Weight Loss Intervention for Hispanic Males.* Presented at the Society of Behavioral Medicine Annual Meeting, San Diego, CA, March 29-April 1, 2017.
- 2018 Garcia D, Valdez L, Aceves B, Campas D, Loya J, **Hingle M,** Humphrey K, Bell ML, McEwen M, Hooker S. *The Feasibility of a Gender- and Culturally-Sensitive Weight Loss Intervention Plus Mobile Health Technology for Hispanic Males.* Presented at the American College of Sports Medicine Annual Meeting, Minneapolis, MN, May 29-June 2, 2018.

- 2019 Short E*, Gonzalez R, Kohler L, Taren D, Sheava J, **Hingle M**. *Diet Quality Among Food Bank Clients in Southern Arizona*. Presented at the Society for Nutrition Education and Behavior 2019 Meeting, Orlando, FL, July 27-30, 2019.
- 2020 Short E*, Sharma J*, Thompson D, Gonzalez R, Sheava J, Taren D, **Hingle M**. *Client Preferences and Diabetes Management Guidelines Inform the Design and Elements of a Therapeutic Food Box Intervention*. *Annals of Behavioral Medicine* 54, S38. [Face-to-face SBM 2020 meeting cancelled due to COVID19]
- 2020 Penaloza I*, Skiba M, Werts S, West J, **Hingle M**, Thomson C, Crane T. *Responsiveness to Motivational Interviewing among Latina Ovarian Cancer Survivors participating in the LIVES Study*. *Annals of Behavioral Medicine* 54, S756. [Face-to-face SBM 2020 meeting cancelled due to COVID19]
- 2020 Turner-McGrievy, Gardner C, Ryan J, **Hingle M**, Harwatt H. *How Behavioral Science Can Play a Role in the Inter-Connection Between Diet and Climate Change*. *Annals of Behavioral Medicine* 54, S195. [Face-to-face SBM 2020 meeting cancelled due to COVID19]
- 2021 Serrano GA*, Short E*, Saboda K, Roe D, Blew R, **Hingle M**. *Association of Diet Quality with BMI and Waist Circumference by Food Security Status Among Low-Income Women at Risk of Type 2 Diabetes*. Presented at the Society of Behavioral Medicine Annual Meeting, April 2021. [virtual due to COVID19]

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 The University of Arizona 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 Presentation]
- 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 The University of Arizona Cancer Prevention and Control Seminar. *The Role of Dietary Energy Density in Obesity and Cancer Prevention* – Arizona Cancer Center, December 2015 [Invited Presentation]
- 2016 The University of Arizona Udall Center and School of Geography. Open Knowledge: Bridging Perspectives to Address Water Challenges. *Water, Energy, and Food Science-Policy Dialogue*, February 2016 [Invited Panel Member and Presenter]

- 2016 The University of Arizona Graduate Center Lecture Series on Healthy Living: *Are You What You Eat?* [Invited Panel Member and Presenter] with Scott Going
- 2016 The University of Arizona Endocrinology Grand Rounds. *The EPIC Kids Study: A Family-Focused YMCA-Based Intervention to Prevent Type 2 Diabetes in At-Risk Youth*, December 2016 [Invited]
- 2017 University of Southern California. *Food Fight! Innovations in monitoring, modeling, and modifying food intake*. A USC mHealth Collaboratory workshop [host: Dr. Donna Spruijt-Metz] March 2017.
- 2017 University of Arizona Nutrition Navigators Spotlight Series. *Are You What You Eat? Myths Presumptions and Facts About Nutrition, Physical Activity, and Your Health*. [Invited Presenter], April 2017 with Scott Going.
- 2017 University of Arizona College of Nursing: Cutting Edge – A Research Seminar Series. *Measuring, Modeling, and Modifying Dietary Behavior to Prevent Obesity and Metabolic Disease*. [Invited], October 18, 2017.
- 2017 Banner University Medical Center, Department of Pediatrics. *Sustainable models of community-based diabetes prevention for at-risk children and families*. [Invited Research Presentation], November 2, 2017.
- 2018 University of Arizona Department of Psychology – Health Psychology Brown Bag Series. *Measuring, Modeling, and Modifying Dietary Behavior to Prevent Metabolic Disease*. [Invited Research Presentation], February 16, 2018.
- 2018 University of Arizona Center for Regional Food Studies Brown Bag Series. *Food as Medicine: Current UA Initiatives and Future Opportunities to Integrate Nutrition with Medical Care and Prevention*. [Invited Presentation], March 20, 2018, with Vanessa da Silva.
- 2018 University of Arizona CALS 2018 Research Forum. *Developing a model of Type 2 diabetes care in food insecure populations*. Eliza Short* (presenting author), Martina Sepulveda, Vanessa da Silva and Melanie Hingle [Poster], March 23, 2018.
- 2018 University of Arizona Controlled Environment Agriculture Center Seminar Series. *Food as Medicine: Current initiatives and future opportunities to connect the dots across our food system*. [Invited Presentation], March 30, 2018, with Vanessa da Silva.
- 2018 University of Arizona Endocrinology Journal Club Works in Progress. *Measuring and Modeling Dietary Behavior to Prevent Metabolic Disease*. [Invited Presentation], April 17, 2018.
- 2018 University of Arizona Udall Center and UMI i-GLOBES - Humans Challenges in Extreme Environments Workshop. *Addressing diet-related disease in a climate of food and economic scarcity: the FRESH-2 Study*. [Invited Presentation with Eliza Short*], November 12-13, 2018.
- 2019 University of Arizona Udall Center for Studies in Public Policy. *Developing a Model of Type 2 Diabetes Care in Food Insecure Populations: the FRESH-2 Study*. [Udall Fellowship Presentation], April 22, 2019.
- 2019 University of Arizona Precision Wellness Initiative Symposia Series. *Healthy as a Hunter-Gatherer: Paleofact and Paleofiction in Modern Metabolic Medicine*, presented by Herman Pontzer [Panelist - with Scott Going, David Raichlen, Yann Klimentidis], April 24, 2019.
- 2019 University of Arizona Precision Wellness Initiative Symposia Series. *From Human Genome to Behavioral Phenome*, presented by Heather Patrick [Moderator – with panelists Jennifer Barton, Richard Simpson, Nirav Merchant], September 18, 2019.
- 2019 University of Arizona Healthy Campus Summit. *Wearables and Invisibles: The Role of Devices and Apps in Health Behavior Change*. [Invited by Lisa McDonald, Campus Health Services], Presenter, September 23, 2019.
- 2019 University of Arizona Postdoc Talk - Learn, Connect, Advance Brownbag Series. *Healthy Living During the Postdoc Years*. [Invited by Jenny Hoit, Director of Postdoctoral Affairs], Presenter, October 21, 2019.
- 2019 University of Arizona Nutrition Navigators and Campus Health. *Closing the College Hunger Gap: Activation and Activism at the University of Arizona*. [Invited by Ashley Munro, Campus Health Dietitian], Presenter with UA Food Pantry, November 21, 2019.
- 2020 University of Arizona Office of the Vice Provost for Faculty Affairs. *Faculty Wellness in COVID-19 Times*. [Invited by Andrea Romero, VP for Faculty Affairs], Presenter and Panel Member, April 16, 2020.
- 2020 University of Arizona Life and Work Connection. Explore This! Webcast by Life Work Connection. *Staying on Track with Healthy Nutrition Habits*. [Invited by Chad Myler], Guest Presenter, May 6, 2020.
- 2020 University of Arizona Appointed Professionals Advisory Council. *Taking Care of Yourself and Others – Building Wellness and Resiliency*. [Invited by Jo Corder] Presenter and Panel Member, May 8, 2020.
- 2021 University of Arizona Bookstores Virtual Author Event. *Like Nobody's Business: An Insider's Guide to How US University Finances Really Work*. [Invited by Andrew Comrie] Moderator, April 28, 2021.

AWARDED GRANTS AND CONTRACTS

Current Support (% indicates award credit)

Federal

PI (25%) Gachupin F (MPI), **Hingle M (MPI)**, Ranjibar N (Co-I), Thomson C (Co-I), Roe D (Co-I), O'Connor T (Co-I, Baylor College of Medicine), Grant V (Co-I, Montana State)

Source: 1R01MD014127-01A1 National Institutes of Health, National Institute of Minority Health Disparities

Title: Achieving American Indian Youth Energy and Mental Health Balance

Time Period: 04/13/2020-04/12/2025 **total award: \$3,184,988 (direct: \$2,601,667)**

PD (50%) **Hingle M (PD)**, Infante (da Silva) (Co-PD), Mars M (Co-PD), Jackson K (Co-PD), Linares-Gaffer A (Co-PD), Ravia J (Co-PD)

Source: 2019-38413-29027 United States Department of Agriculture, Higher Education Multicultural Scholars Program

Title: University of Arizona Multicultural Scholars Program in Culinary Medicine

Time Period: 1/15/2019-1/14/2024 **total award: \$164,000 (direct costs only, no IDC allowed)**

Co-PD (15%) Limesand K (PD), **Hingle M (Co-PD)**, Teske JA, Mars M, Going SB

Source: 2019-38420-28976 United States Department of Agriculture, Food and Agricultural Sciences National Needs Graduate and Postgraduate Fellowship (NNF) Grants Program

Title: Precision Nutrition: emerging solutions for chronic disease

Time Period: 07/1/2018-06/30/2023 **total award: \$262,500 (direct costs only, no IDC allowed)**

State/Local

Co-PD (15%) McDonald D (Contact PD), Schalewski L (Co-PD), **Hingle M (Co-PD)**

Source: University of Arizona Provost Investment Fund

Title: University of Arizona – Building a Student Basic Needs Infrastructure

Time Period: 07/01/2021-06/30/2023 **total award: \$174,155**

Pending Support

PI (60%) **Hingle M (PI)**, Taren D (Co-I), Roe D (Co-I); Mockbee (Site PI, El Rio); Gonzalez (Co-I)

Source: National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases

Title: Food and Resources Expanded to Support Health and Type 2 Diabetes (FRESH-T2D)

Time Period: 12/01/2021-11/30/2024 **total award: \$823,729 (direct: \$600,000)**

Co-I (5%) Ghishan F (PI), Thomson C (MPI), Theodorou A (Co-I), Skulas-Ray A (Co-I), Schembre S (Co-I), SanGiovanni JP (Co-I), Going SB (Co-I), **Hingle M (Co-I)**, Parthasarathy S (Co-I), Crane TE (Co-I), Chilton F (Co-I), LaFleur B (Co-I)

Source: National Institutes of Health, National Institute of Eunice Kennedy Shriver National Institute of Child Health and Human Development

Title: Arizona Clinical Center on Nutrition for Precision Health

Time Period: 12/01/2021-11/30/2026 **total award: \$11,466,355 (direct: \$9,824,384)**

Co-I (5%) Hamann H (PI), Armin JS (Co-I), Bell ML (Co-I), Cagno CK (Co-I), Garcia DO (Co-I), **Hingle M (Co-I)**, Stone J (Co-I), Thomson CA (Co-I), Weihs K (Co-I)

Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion Extramural Research Office

Title: Sobrevivir y prosperar (Survive and Thrive): A multi-level intervention to improve health equity for Hispanic/Latino cancer survivors in Arizona

Time Period: 09/30/2021-09/29/2026 **total award: \$5,000,000 (direct: \$3,968,255; indirect: \$1,031,745)**

Completed Support

Federal

PD (subaward) Yaroch A (PD), Gretchen Swanson Center for Nutrition

Source: 2019-70030-30415, United States Department of Agriculture, National Institute of Food and Agriculture
Title: Comprehensive and Integrated Center for Nutrition Incentive Program Training, Technical Assistance, Evaluation and Reporting
Time Period: 09/01/2019-08/31/2020 **total subaward: \$100,837 (direct: \$65,692)**

PI (45%) Hingle M (MPI), Marrero D (MPI), Roe D (Co-I), Mockbee J (Co-I, El Rio Community Health Center)
Source: 1R34DK118486-01 National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases
Title: Type 2 diabetes prevention in community healthcare settings for children and mothers at risk
Time Period: 09/15/18-06/30/20 **total award: \$455,200 (direct: \$300,000)**

PD (100%) Hingle M (PD)
Source: United States Department of Agriculture, Agriculture and Food Research Initiative – Foundational Program
Title: Research Frontiers in Nutritional Sciences 2017 – Feeding Your Genome: Precision Nutrition and Health
Time Period: 3/1/17-2/28/18 **total award: \$25,802**

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: 07/14-12/16 **total award: \$398,333 (direct: \$275,000)**

Co-I (15%) 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 award** (cost-reimbursable subcontract)

Co-PD (49%) R Burd (PD), M Hingle (Co-PD)
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 **total award: \$910,182 (1:1 match required) direct: \$455,091**

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 costs: \$225,000**

Co-I (5%) Martinez F (Site PI), Wilhelm M (Co-PI), Site Co-I: 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 (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

Co-I (0%) Pryor B (Co-PI), Kacira M (Co-PI), **Hingle M (Co-I)**, Weil A (Co-I)

Source: University of Arizona Office of Research and Discovery

Title: Advancing mycocluture for enhanced nutritional and nutraceutical resources

Time Period: 7/1/17-6/30/18 **total: \$98,927 (direct costs only)**

PI (30%) Surdeanu M (Co-PI), Kobourov S (Co-PI), **Hingle M (Co-PI)**, Rains S (Co-I)

Source: University of Arizona Office of Research and Discovery

Title: Large-scale non-invasive detection of type 2 diabetes risk through machine learning and visualization on social media

Time Period: 1/1/17-12/31/17 **total: \$100,000**

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)**

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 540 – Nutrition Interventions, 3 units

Role: Course Developer and Instructor of Record (Fall 2021)

This course will provide students with tools and competencies for developing, implementing, and evaluating community-based nutrition programs. Course topics include evidence-based behavior change frameworks, social determinants of health and wellness, nutrition screening & tools for community settings, using nutrition surveillance data to inform program development, and cultural awareness/bias recognition. Students will select a semester-long course project based on their personal interests and that of a collaborating community entity.

Delivery: Online (15 weeks)

NSC 395B – Special Topics: Culinary Medicine Part 1, 1 unit

Role: Course Co-Developer and Instructor of Record (Fall 2020)

The goal of this course is to introduce students to real-world, transferrable culinary skills that they can use to help people to adopt healthier eating behaviors. This laboratory course will introduce students to fundamental culinary skills through hands-on cooking activities and food demonstrations. Basic culinary techniques, cultural responsiveness, budget consciousness, and the health profile of foods and recipes will be discussed. A final project consisting of recipe modification and testing will integrate key concepts from the course and cap this semester-long experience.

Delivery: Live Online (15 weeks)

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

Role: Course Developer and Instructor of Record (Summer 2020, Fall 2020)

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, social and financial consequences of the obesity epidemic, and will gain insights into obesity prevention, treatment, and policy approaches.

Delivery: Online (15 weeks; 4.5 weeks)

NSC 396A – *Survey of Nutrition Careers, 1 unit*

Role: Instructor of Record (Fall 2019)

This course will introduce undergraduate students to a variety of career opportunities within the fields of nutrition and dietetics, as well as other related professions. Reflections on a series of guest speakers and a professional portfolio comprise graded course activities.

Delivery: Online/Distance and Face-to-Face

NSC 170C2 – *The Science of Fermentation: When Bad Food Turns Good, 3 units*

Role: Course Developer and Instructor of Record (Fall 2018)

Average Rating of Teaching Effectiveness:

The course will introduce students to the fundamentals of fermentation - brief history, basic processes, and potential health benefits of fermented foods - placed within the context of human history, health and nutritional sciences. Topics include methods of food preservation, the gut microbiome and chronic disease, and implications for individual and community economic security. The semester will conclude with a food case study, in which each student will create a fermented food and describe the process and critical quality controls, complete a sensory evaluation, and conduct a nutrient analysis using a USDA database.

Delivery: Online (7.5 weeks)

NSC 260 – *Scientific Literacy and Nutrition Communication, 3 units* (offered in Spring 2017 as a Special Topics course)

Role: Co-Developer and Co-Instructor w/Jennifer Ravia

Average Rating of Teaching Effectiveness: 43 students, 4.14/5.0

This course will prepare nutrition science students to understand, summarize, and communicate scientific information in a variety of public and professional venues, including but not limited to scientific conferences, public forums (e.g., social media), and the classroom.

Delivery: Face-to-Face

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

Instructor of Record, Spring Semester

Average Rating of Teaching Effectiveness: Spring 2014, 6 students, 4.6/5.0; Spring 2015, 4 students, 5.0/5.0; Spring 2016, 7 students, 4.5/5.0; Spring 2017, 4 students, 4.75/5.0; Spring 2020, 12 students (teacher/course evaluations cancelled due to COVID19)

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.

Delivery: Face-to-Face

NSC 520 – *Advanced Nutritional Sciences*, 3 units

Instructor of Record, Fall Semester

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; Fall 2016, 6 students, 5.0/5.0; Fall 2017, 6 students, 4.8/5.0

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 nutrition-themed publications covering basic to applied research, and work on small teams to write a grant proposal focused on a nutrition topic.

Delivery: Face-to-Face

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

Co-Developer and Co-Instructor (w/Scott Going), Fall 2015

Average Rating of Teaching Effectiveness: 18 students, 4.7/5.0

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.

Delivery: Face-to-Face

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

Course Developer and Instructor of Record, Fall 2012

Average Rating of Teaching Effectiveness: 18 students, 4.9/5.0

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 firsthand through fieldwork and project-based learning. This course was offered to freshmen in the Honors College in Fall 2012.

Delivery: Face-to-Face

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

Course Developer and Instructor of Record, Spring 2011

Average Rating of Teaching Effectiveness: 7 students, 5.0/5.0

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.

Delivery: Hybrid (Face-to-Face + Online)

NSC 315 - *Sports Nutrition*, 3 units

Course Co-Developer; Instructor of Record, Summer 2009

Average Rating of Teaching Effectiveness: 22 students, 4.5/5.0

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.

Delivery: Face-to-Face

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

Role: Teaching Assistant, Summer 2007, Instructor of Record: 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.

Delivery: Face-to-Face

Formal Courses, Developed and Approved

NSC 540 – *Advanced Community Nutrition*, 3 units

Role: Course Developer and Instructor of Record (Fall 2021)

This course will provide students with tools and competencies for developing, implementing, and evaluating community-based nutrition programs. Course topics include evidence-based behavior change, social determinants of health and wellness, nutrition screening & tools for community settings, using nutrition surveillance data to inform program development, and cultural awareness/bias recognition. Students will select a semester-long course project based on their personal interests and that of a collaborating community entity.

Delivery: Online (15 weeks)

NSC 170C2 – *The Science of Fermentation: When Bad Food Turns Good*, 3 units

Role: Course Developer and Instructor (Fall 2018 - 2020)

The course will introduce students to the fundamentals of fermentation - brief history, basic processes, and potential health benefits of fermented foods - placed within the context of human history, health and nutritional sciences. Topics include methods of food preservation, the gut microbiome and chronic disease, and implications for individual and community economic security. The semester will conclude with a food case study, in which each student will create a fermented food and describe the process and critical quality controls, complete a sensory evaluation, and conduct a nutrient analysis using a USDA database.

Delivery: Online (7.5 weeks)

NSC 260 – *Scientific Literacy and Nutrition Communication*, 3 units

Role: Co-Developer and Instructor (Spring 2017)

This course will prepare nutrition science students to understand, summarize, and communicate scientific information in a variety of public and professional venues, including but not limited to scientific conferences, public forums (e.g., social media), and the classroom.

Delivery: Face-to-Face

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.

Delivery: Online

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, 2015, Fall 2014, 2016, Rankin)
- CPH 588 *Adolescent Health: Behavioral Approaches to Obesity Prevention* (Spring 2013, Leybas-Nuno)
- NSC 455 *Nutritional Sciences Study Abroad in Verona, Italy: The Mediterranean Diet and Physical Activity* (Summer 2015, Romagnolo)
- NSC 396A *Survey of Nutrition Careers: Careers in Nutrition Sciences* (Spring 2017, Fall 2017, Fall 2018, Linares-Gaffer)

- BIOC 395A *Minority Biomedical Research Colloquium: Careers in STEM* (Spring 2017, Neal)
 NSC 260 *Scientific Literacy and Nutrition Communication: Dietary Guidelines for Americans* (Fall 2017, Ravia)
 ABE 481-581 *Bioprocessing Engineering: Fermentation, gut microbiota and diet-sensitive disease: a primer* (Fall 2017, Guzman)
 GEOG 956J *Water Management & Policy: Water-Energy-Food Nexus* (Spring 2019, Scott)
 SLHS 649 *Survival Skills and Ethics: Careers in Health Sciences* (Spring 2017, 2019, 2020, Hoit)
 HPS 620A *Advanced Research Methods in Health Promotion I: Mock NIH Grant Review* (critiqued 3 student grant apps and discussed) (Spring 2019, Haynes/Gerald)
 ANTH 353 *Anthropology of Food - Culturing Cultures: Fermentation, Gut Microbiota, and Diet-Sensitive Disease – a Primer* (Spring 2019, 2020, Carney)
 HPS 178 *Personal Health and Wellness: Getting Back to Weight Loss Basics (and Other Weight Loss Cliches, Myths and Misconceptions)* (Fall 2020, Nuno)
 NSC 395B *Special Topics – Emerging Topics in Precision Nutrition and Wellness: Developing a Model of Type 2 Diabetes Care for Food Insecure Populations: The FRESH Study* (Spring 2021, Snider)

Mentoring

Faculty

Megan Carney

Assistant Professor of Anthropology, University of Arizona
 April 2019-May 2020

*Advising Role: **Faculty Mentor**, W.T. Grant Foundation application*

Anna Josephson

Assistant Professor of Agricultural Resource Economics, University of Arizona
 October 2018-May 2019

*Advising Role: **Faculty Mentor**, Successful Scholars Early Career Mentoring Program, University of Arizona)*

Lisa Kopp

Associate Professor of Pediatrics, Clinical Scholar Track, Banner University Medical Center
 June 2015-May 2018

*Advising Role: **Faculty Mentor** and Collaborator*

Postdoctoral Trainees

Tami Turner

Postdoctoral Associate, Department of Nutritional Sciences
 January 2, 2014 – December 31, 2015

*Advising role: **Primary Faculty Mentor***

Achievement(s): Nutrition Research Scientist, Florida Department of Citrus

Graduate Students

*Thesis, Dissertation, and Internship Committees [**bolded** names indicate **Department of Nutritional Sciences** students]*

Eliza Short

PhD Student, University of Arizona Department of Nutritional Sciences

Project: Developing and testing a model of type 2 diabetes care in food insecure populations

*Advising Role: **Doctoral Committee Chair** – PhD anticipated 5/22*

Alma Ruelas Yanes

PhD Student, **Universidad de Sonora**, Departamento de Ciencias Químico Biológicas

Project: Intensive Lifestyle interventions for the prevention of Chronic Diseases in Mexico: Research towards implementation

Advising role: Doctoral Committee Member – PhD anticipated 05/22

G. Anaid Serrano

MS Student, University of Arizona Department of Nutritional Sciences

Project: Relationship Between Diet Quality, Body Weight and Food Insecurity Among Low-Income Women at Risk of Type 2 Diabetes and their Children

*Advising Role: **Thesis Director** – MS 5/21*

Victoria Bland

PhD Student, University of Arizona Department of Nutritional Sciences

Project: Relationship between physical activity, diet, bone, and metabolic disease risk in adolescent girls

*Advising Role: **Doctoral Committee Member** – PhD 5/21*

Bonita Sur

PhD Student, **University of Arizona** Department of Psychology

Project: Adolescent and young adult cancer survivors

Kristin Morrill *Advising role:* Minor advisor and doctoral committee member, PhD 12/20
PhD Student, University of Arizona Department of Nutritional Sciences
Project: diet by gene interactions and NAFLD in Hispanic women
Advising Role: **Doctoral Committee Member** – PhD 12/20

Chelsea Mauch PhD Student, **Flinders University**, College of Nursing and Health Sciences
Project: Mobile apps for supporting healthy family meals: a user-centred approach informing a digital health intervention concept.
Advising role: External Examiner for PhD Thesis - 11/20

Irlena Penalzoa **MS Student, University of Arizona Department of Nutritional Sciences**
Project: Motivational Interviewing & Dietary Behavior Change in Latina Cancer Survivors
Advising Role: **Thesis Committee Member** – MS 5/20

Martina Sepulveda **MS Student, University of Arizona Department of Nutritional Sciences**
Project: Arizona Cooperative Extension Diabetes Prevention Program
Advising Role: **Thesis Committee Member** – MS 5/19

Bonnie Wolf MPH Student, **University of Arizona** Mel and Enid Zuckerman College of Public Health
Project: Developing an inventory of organizations that promote the preservation and propagation of native and traditional foods
Advising Role: Internship Committee Member - MPH 5/19

Tyler Thorp MS Student, **University of Arizona** Department of Agricultural Education
Project: Characterizing local food systems
Advising Role: Thesis Committee Member – MS 8/18

Sarah Lavelle **MS Student, University of Arizona Department of Nutritional Sciences**
Project: Systematic review of recruitment/retention strategies used in cancer survivor intervention trials
Advising Role: **Thesis Committee Member** – MS 8/18

Melissa Pentecost **MS Student, University of Arizona Department of Nutritional Sciences**
Project: Diet Quality and Cancer Risk in Postmenopausal Hispanic Women
Advising Role: **Thesis Committee Member** – MS 5/18

Anastasia Miramontes **University of Arizona** Professional Sciences Master’s Degree in Applied Biomedical Sciences and Molecular and Cell Biology
Project: The role of integrin subunit beta 3 in type 2 diabetes and related traits in the Arizona Insulin Resistance Registry
Advising Role: Thesis Committee Member – PSM 5/18

Laura Hopkins **MS Student, University of Arizona Department of Nutritional Sciences**
Project: Using RE-AIM to evaluate the potential public health impact of a family-focused community-based diabetes prevention program in 9-12-yr-old youth
Advising role: **Thesis Director** – MS 8/16

Lisa Kopp MPH Student, **University of Arizona** Mel & Enid Zuckerman College of Public Health
Project: Lifestyle Interventions to Reduce Metabolic Disease Risk in Adolescents/Young Adult Cancer Survivors
Advising role: Internship Preceptor; MPH 5/16

Jacquine Stork MPA Student, **University of Arizona** Mel & Enid Zuckerman College of Public Health
Project: Food for Thought: Nutrition Education in the EPIC Kids Study
Advising role: Internship Preceptor; MPA 5/16

Jennifer Ha MPH Student, **University of Arizona** Mel & 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 5/16

Megan Hetherington-Rauth **PhD Student, University of Arizona Department of Nutritional Sciences**
Project: STAR Study – Bone health in young girls
Advising role: **Doctoral Committee Member** – PhD 5/18

Chris Ussery **MS Student, University of Arizona Department of Nutritional Sciences**
Project: Characterizing metabolic syndrome in 9-12-year-old children at risk of type 2 diabetes

<u>Jocelyn Kernot</u>	<i>Advising role:</i> Thesis Director – MS 05/16 PhD Student, University of South Australia , School of Health Sciences Project: The Mums Step It Up Program: A social networking team-based intervention for post-partum women
<u>Thao Mai</u>	<i>Advising role:</i> External Examiner for PhD Thesis - PhD 05/16 MPH Student, University of Arizona Mel & Enid Zuckerman College of Public Health Project: Revising and evaluating the Expanded Food Nutrition Education Curriculum <i>Advising role:</i> Internship Committee Member - MPH 05/15
<u>Sarah Buss</u>	MPH Student, University of Arizona Mel & Enid Zuckerman College of Public Health Project: Marketing a community-based family focused diabetes prevention program <i>Advising role:</i> Internship Preceptor - MPH 05/15
<u>Raveena Sharma</u>	University of Arizona Professional Science Master’s Degree in Biomedical Engineering, The University of Arizona Project: Cost/benefit model for a community-based family focused diabetes prevention program <i>Advising role:</i> Internship Preceptor - PSM 08/15
<u>Stephanie Machado</u>	MPH Student, University of Arizona Mel & Enid Zuckerman College of Public Health Project: Family-based intervention at Anschutz Health and Wellness Center <i>Advising role:</i> Internship Committee Member - MPH 05/15
<u>Yael Greenblatt</u>	MS Student, University of Arizona Department of Nutritional Sciences Project: Let’s Talk About WIC: Promoters/deterrents to participation in the Special Supplemental Program for Women, Infants and Children <i>Advising role:</i> Thesis Director – MS 05/15
<u>Louisa O’Meara</u>	MPH Student, University of Arizona Mel & Enid Zuckerman College of Public Health Project: Evaluation of the MEZACOPH Healthy 2BeMe Summer Camp <i>Advising role:</i> Internship Committee Member - MPH 05/15
<u>Cheralyn Schmidt</u>	MPH Student, University of Arizona Mel & Enid Zuckerman College of Public Health Project: Pima County Cooperative Extension - Nutrition Education and WIC <i>Advising role:</i> Internship Committee Member - MPH 05/14
<u>Donella Yoon</u>	MS Student, University of Arizona Department of Nutritional Sciences Project: Collection and visualization of diet and physical activity behavior using “ViBE Tweet” mobile software application <i>Advising role:</i> Thesis Committee Member - MS 05/13
<u>Rocio Alman</u>	MPH Student, University of Arizona Mel & Enid Zuckerman College of Public Health Project: Stealth Health – data analysis and theoretical model development <i>Advising role:</i> Internship Preceptor - MPH 05/12
<u>Eden Ellison</u>	MPH Student, University of Arizona Mel & Enid Zuckerman College of Public Health Project: Texting 4 Teens – qualitative data collection and analysis <i>Advising role:</i> Internship Committee Member - MPH 05/12
Laboratory Rotations	
<u>G. Anaid Serrano</u>	MS Student, University of Arizona Department of Nutritional Sciences, Fall 2019 Project: Type 2 Diabetes Prevention in Women and Children in Community Health Settings
<u>Jamie Elliott</u>	MS Student, University of Arizona Department of Nutritional Sciences, Spring 2019 Project: Review of Commercially Available Food Pantry Quality Assessment Tools
<u>Lauren Meeks</u>	PhD Student, University of Arizona Department of Nutritional Sciences, Fall 2018 Project: Precision Diabetes Prevention – A Literature Review
<u>Eliza Short</u>	MS Student, University of Arizona Department of Nutritional Sciences, Fall 2017 Project: Participant Recruitment and Retention to Child Obesity and Diabetes Prevention Programs
<u>Martina Sepulveda</u>	MS Student, University of Arizona Department of Nutritional Sciences, Fall 2017 Project: Diabetes prevention programs with Cooperative Extension
<u>Matthew Koppinger</u>	MS Student, University of Arizona Department of Nutritional Sciences, Fall 2016

- Kristin Morrill Project: Review of literature to identify interventions to ameliorate NAFLD in adults; Family prevention of type 2 diabetes (for parenting journal)
 Doctoral Student, **University of Arizona** Department of Nutritional Sciences, Fall 2016
- Jamie Coborn Project: Review of literature to identify interventions to ameliorate NAFLD in youth; Family prevention of type 2 diabetes (for parenting journal)
 Doctoral Student, **University of Arizona** Department of Nutritional Sciences, Fall 2014
- Laura Hopkins Project: Development of a measurement protocol for a community-based family focused diabetes prevention program
 Non-degree seeking student, **University of Arizona** Department of Nutritional Sciences, Fall 2014
- Yael Greenblatt Project: Development of a measurement protocol for a community-based family focused diabetes prevention program
 MS Student, **University of Arizona** Department of Nutritional Sciences, Fall 2013
- Almira Rezaimalek Project: A technology-based intervention to enhance healthy snacking behaviors in WIC participants and their preschool-aged children – literature review to inform intervention development
 MS Student, **University of Arizona** Department of Nutritional Sciences, Spring 2013; Fall 2013
- Independent Study
Jeff Wilson 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”
 Doctoral Student, **University of Arizona** 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

- Ellie Jobst Honors Student, **University of Arizona** Department of Nutritional Sciences, Honors Thesis, Fall 2020-Spring 2021
 Project: Open Educational Resource in Culinary Medicine, B.S. Spring 2021
- Rachel Faber Directed Research, **University of Arizona** Department of Nutritional Sciences, Fall 2019(2 units); Spring 2020 (3 units)
 Project: Grey literature search of chronic disease prevention and management programs delivered at community food banks and pantries
- Cristina Moraga Honors Student, **University of Arizona** Department of Nutritional Sciences, Honors Thesis, Fall 2019-Spring 2020
 Project: EPIC Families at El Rio, B.S. Spring 2020
- Karen Alvarez Directed Research, **University of Arizona** Department of Nutritional Sciences
 Project: Diabetes prevention in rural N. America – a systematic scoping review (accepted manuscript to *Current Diabetes Reports*), B.S. Spring 2018
- Christie Rospotni Honors Student, **University of Arizona** Department of Physiology, Honors Thesis
 Project: Diabetes prevention in rural N. America – a systematic scoping review (accepted manuscript to *Current Diabetes Reports*), B.S. Spring 2018
Achievement(s): Pillars of Excellence (one of ten UA students awarded in Spring 2018); University of Arizona College of Medicine (Class of 2023)
- Sami Ahmed Honors Student, **University of Arizona** Department of Physiology, Honors Thesis, Spring 2017
 Project: Interventions to decrease sedentary behavior in children: effects on body composition and metabolic risk factors, B.S., 5/2017
Achievement(s): UCSD’s Clinical Research Master’s Program (Class of 2019); Midwestern University’s College of Osteopathic Medicine (Class of 2021)
- Andrea Eidson Honors Student, **University of Arizona** Department of Physiology, Honors Thesis, Spring 2017

- Kayla Lederer Project: Video training to support field-based type 2 diabetes screening in obese and overweight children, B.S., 5/2017
Honors Student, **University of Arizona** Department of Physiology, Honors Thesis, Spring 2017
- Brooke Campbell Project: The Effects of Chronic Hyperinsulinemia on Systolic and Diastolic Blood Pressures in Peripubertal Children, B.S., 5/2017
Achievement(s): **Midwestern University's College of Osteopathic Medicine (Class of 2021)**
Honors Student, **University of Arizona** Department of Nutritional Sciences, Honors Thesis, Spring 2016
Project: EPIC Kids: Sugar-sweetened beverage intake in 9-12-yr old children at risk of type 2 diabetes
- Jenna Radomski Honors Student, **University of Arizona** Department of Nutritional Sciences, Honors Thesis, Spring 2016
Project: EPIC Kids: Changes in 9-12-yr-old children's physical activity in a diabetes prevention intervention
Achievement(s): **National University of Natural Medicine (Class of 2020)**
- Paeyton Schofield Honors Student, **University of Arizona** College of Nursing, First Year Research Project, Spring 2015
Project: Role of Sugar-Sweetened Beverages in Risk of Type 2 Diabetes in Youth
Achievement(s): Awarded **Honorable Mention** at First-Year Honors Showcase
- Madison Egan Honors Student, **University of Arizona** College of Public Health, First Year Research Project, Spring 2014
Project: Developing and Promoting Healthy Affordable Snacks for WIC Participants
Achievement(s): **Outstanding Senior, Department of Nutritional Sciences; Lois M Jackson Scholarship for dietetic students committed to community service and leadership; St. Louis VA dietetic internship (2017-18); Accepted to the Netter School of Medicine at Quinnipiac University in Connecticut, Fall 2018 (Class of 2022)**
- Zachary Gastelum Honors Student, **University of Arizona** Department of Physiology, Honors Thesis, 2013-14
Project: Get SQORD! Comparing two physical activity measurement devices, BS, 5/14
Achievement(s): **University of Arizona College of Medicine (Class of 2018); Family Medicine Residency at North Colorado Medical Center, accepted Summer 2018**
- Rachel Smith Honors Student, **University of Arizona** Department of Nutritional Sciences, Honors 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
Achievement(s): **Original research contributing to a scientific publication:** 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.]
- Megan Meyer Honors Student, **University of Arizona** Department of Nutritional Sciences, Honors Thesis, 2012-13
Project: Assessing the impact of gardening participation on diet quality, BS, 5/13
Achievement(s): **Outstanding Senior Spring 2013, Department of Nutritional Sciences**
- Undergraduate Independent Study***
- Lauryn White Honors Student, **University of Arizona** Department of Nutritional Sciences, Honors Independent Study, Spring 2020 (1 unit)
Project: EPIC El Rio
- Kayla Lederer Honors Student, **University of Arizona** Department of Physiology, Honors Independent Study, Spring 2015 and Spring 2016 (3 units)
Project: The Effects of Chronic Hyperinsulinemia on Systolic and Diastolic Blood Pressures in Peripubertal Children
- Ashleigh Comber **University of Arizona** Department of Nutritional Sciences, Fall 2014 (2 units)

Emily McGovern Project: Community-based family focused diabetes prevention program; helped develop and test nutrition education materials with the Garden Kitchen
University of Arizona 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
Achievement(s): Co-Author on AAP Presentation (Hartenstein et al., 2016); Dietetic Intern, Vanderbilt University (2016-17)

Breanna Jones **University of Arizona** Department of Nutritional Sciences, Spring 2014 (3 units)
Project: Mobile software application for Guided Imagery Targeting Weight-Concerned Women Smokers; identified and rated existing apps

Arizona Scholars in Engineering, Math, and Science (ASEMS) Mentees

Lauryn White **University of Arizona** Nutritional Sciences Department, Spring 2020
Project: EPIC Families at El Rio, B.S. anticipated Spring 2023

Dulce Guzman **University of Arizona** Nutritional Sciences Department, Spring 2020
Project: EPIC Families at El Rio, B.S. anticipated Spring 2022

Marangeli Soto **University of Arizona** Nutritional Sciences Department, Spring 2020
Project: EPIC Families at El Rio, B.S. anticipated Spring 2021

UA Summer Global Program

G. Anaid Serrano Universidad Autónoma de Ciudad Juárez, Ciudad Juárez, Chihuahua, México
Study Arizona, Short-Term Program in the Office of Global Initiatives, Summer 2018
Project: Characterizing nutritional quality of bread donated to the Community Food Bank of Southern Arizona

Undergraduate Biology Research Program

Madison Egan UBRP Student, **University of Arizona** 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, **University of Arizona** Department of Nutritional Sciences
Project: Longitudinal Monitoring of Industry Self-Regulation of Televised Food Marketing to children and Its Impact on Nutritional Quality
Achievement(s): Original research contributing to a scientific publication: 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.]

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 Banner University Medical Center Dietetic Intern Program, *Developing a Strong Research Question* – Tucson, AZ [1-hour workshop for 8 interns + 3 dietitians]
- 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 (with Heather Patrick) - *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 (with Krista Millay) – *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

- 2016 Op-Ed Project Publication in The Chronicle of Higher Education (with Tricia Serio) – *The Unintended Consequences of Pursuing Academic Freedom and What We Can Do to Ensure, Protect, and Promote the Sharing of Diverse Perspectives* - URL: <https://chroniclevitae.com/news/1500-the-unintended-consequences-of-seeking-tenure>
- 2016 Southern Arizona Community Food Bank. *Sugar-Sweetened Beverages, Diabetes Risk, and Diet Quality* – Tucson, Arizona, December 13, 2016. Presentation to the Board of Directors and Food Bank Staff
- 2017 Loft Theater. *Food Evolution*. Panel Discussion Member – Invited and Sponsored by the UA College of Agriculture & Life Sciences. September 5, 2017, 7:30pm. <https://loftcinema.org/film/food-evolution/>
- 2018 Tucson Deaf Community Center. *Diabetes Workshop*. April 28, 2018, 1:00-3:00pm. Presentation to twenty attendees (with Scott Going - UA Nutritional Sciences and Charles Palm UA Banner Health)
- 2018 Loft Theater. *The Mesoamerican Diet*. Panel Discussion Member – Invited and Sponsored by the UA College of Social and Behavioral Sciences. May 1, 2018, 7:30pm.
- 2018 University College London, Centre for Behaviour Change Digi-Hub Blog – *Coopetition to Advance the Science and Practice of Digital Health Behavior Change* [with Heather Patrick, Paul Sacher, Cynthia Castro Sweet, URL: <http://blogs.ucl.ac.uk/cbc-digi-hub-blog/2018/05/11/co-opetition-to-advance-the-science-and-practice-of-digital-health-behavior-change/>]
- 2018 Tucson Unified School District STEM Summer Workshop – *Fermentation, Yogurt, and Your Health* | Manzo Elementary School | June 21, 2018 (presented to 25 TUSD STEM teachers)
- 2018 Southern Arizona March for Science Fall Speaker Series – *Getting Back to Weight Loss Basics (and Other Cliches, Myths and Misconceptions)* | September 10, 2018 | @ Borderlands Brewing Company
- 2019 Charter 100 | *Are You What You Eat (and How Do You Know?)* | March 14th, 2019 | Tucson, Arizona (Host: Allison Vaillancourt)
- 2019 Beantown Cats (UA Alumni Association, New England Chapter) | *Nutrition Mythbusters* | April 13th, 2019 | Boston, MA
- 2020 Op-Ed – Melanie Hingle, Amy Yaroch, Courtney Parks, Carmen Byker Shanks. *SNAP benefits are proven strategy that will help America thrive post-COVID* https://medium.com/@melanie.hingle/increasing-snap-benefits-will-stabilize-the-economy-and-reduce-poverty-and-food-insecurity-during-d746fc84434a?source=friends_link&sk=b0c53fd1eead52438909c3f96bdc4f9d
- 2020 4-H Healthy Living Summit. *Culinary Medicine*. June 1, 2020. 60-minute workshop on healthy snacking for 4-H students, with Jennifer Parlin & Connie Bell.
- 2020 2020 Live Smart Texas. *Finding Effective Technology-Based Tools for the Promotion of Healthy Lifestyles During COVID-19*. December 10, 2020. 60-minute webinar hosted by the Michael and Susan Dell Center for Healthy Living, UT Austin College of Public Health, with Michael Lopez, Texas Tech University, 558 attendees.