

*CURRICULUM VITAE***Gabrielle (Brie) Turner-McGrievy, PhD, MS, RD, FTOS**

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 EDUCATION
 

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**Postdoctoral Fellowship**, Interdisciplinary Obesity Center, University of North Carolina, Chapel Hill, NC, 2011

**Doctor of Philosophy**, Nutrition, Gillings School of Global Public Health, University of North Carolina, Chapel Hill, NC, 2009

**Master of Science**, Human Environmental Science, University of Alabama, Tuscaloosa, AL, 2000

**Bachelor of Philosophy**, Interdisciplinary Studies, Miami University, Oxford, OH, 1996

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 PROFESSIONAL EXPERIENCE
 

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**Deputy Director** - Technology Center to Promote Healthy Lifestyles (TecHealth) Center, University of South Carolina, 2018 – Present

**Full Professor** - University of South Carolina, Health Promotion, Education, and Behavior Department, 2023 – Present

**Associate Professor** - University of South Carolina, Health Promotion, Education, and Behavior Department, 2017 – 2022

**Assistant Professor** - University of South Carolina, Health Promotion, Education, and Behavior Department, 2011 – 2017

**Postdoctoral Fellow** - University of North Carolina-Chapel Hill, Interdisciplinary Obesity Center, 2009 – 2011

**Adjunct Faculty** - University of Alabama, Human Nutrition Department, 1999 – 2011

**Graduate Research Assistant** - University of North Carolina-Chapel Hill, School of Public Health, Nutrition, 2004 – 2009

**Campus Dietitian** - University of North Carolina-Chapel Hill, Student Health Center, 2005 – 2006

**Clinical Research Coordinator** - Physicians Committee for Responsible Medicine, 2000 – 2004

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 TRAINING
 

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**NIH mHealth Summer Training Institute**, July 2012, Boston, MA

**The Society of Behavioral Medicine's Mid-Career Leadership Fellow Training**, March 2019, Washington DC

**University of South Carolina's Series on Training for Advanced Research (STAR),**  
October 2021-February 2022

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COURSES TAUGHT

**Undergraduate**

- NHM 105 Personal Nutrition (University of Alabama)
- NHM 305 Vegetarian Nutrition (University of Alabama)
- HPEB 502 Applied Aspects of Human Nutrition (University of South Carolina)
- HPEB 547 Consumer Health (University of South Carolina)

**Graduate**

- NUTR 230 Dietary Change Interventions (teaching assistant: UNC-Chapel Hill)
- HPEB 701 Theoretical Foundations of Health Promotion (University of South Carolina)
- HPEB 704 Health Education Research Seminar (University of South Carolina)
- HPEB 792B Nutrition Assessment and Counseling (University of South Carolina)

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ACADEMIC HONORS AND AWARDS

- James E. Clyburn Health Equity Leadership in Research Award, 2023
- Distinguished Undergraduate Research Mentor Award, University of South Carolina, 2020
- Leadership Institute Fellow, Society of Behavioral Medicine, 2019
- Inducted as Fellow of The Obesity Society, 2018
- Arnold School of Public Health Annual Faculty Research Award: Given to a faculty member who has achieved an outstanding scholarly research record, 2018
- University of South Carolina's Breakthrough Stars award: Given to faculty who demonstrate considerable contributions to their fields in terms of research and scholarly activity, 2018
- The Academy of Nutrition and Dietetic Weight Management Dietetic Practice Group's Excellence in Weight Management Outcomes Research Award, 2017
- The International Society of Behavioral Medicine's Best e-/m-health Oral Presentation, 2017
- The Society of Behavioral Medicine's Early Career Investigator Award, 2016
- The Society of Behavioral Medicine's Early Career Research Mentorship Award, 2016
- Weight Management Dietetic Practice Group Obesity Week Travel Stipend, 2015
- Obesity and Cancer Susan G. Komen Obesity Week Travel Award, 2014
- The Obesity Society's eHealth/mHealth Poster Award Winner, 2013
- The Obesity Society's Ethan Sims Young Investigator Award Finalist, 2013
  - One of 5 finalists selected from 55 applicants
- The Obesity Society's eHealth/mHealth Poster Award Winner, 2012
- The Obesity Society's Pat Simon's Award, 2010
  - Selected among the top 15 (out of 125 applicants) based on reviewer scores of scientific merit
- Delta Omega National Public Health Honor Society, 2010 – Present
- Cancer Control Education Program Predoctoral Fellow, 2007 – 2009
- The Society of Behavioral Medicine's Excellence in Research Award, 2007
- Lydia J. Roberts Memorial Scholarship in Public Health Nutrition (ADA), 2005
- NIH Nutrition Training Grant Recipient, 2005 – 2007
- Recognized Young Dietitian of the Year, Maryland, 2004
- Harris Scholarship, University of Alabama, 1997 – 2000
- Mable E. Adams Scholarship, University of Alabama, 1997 – 2000
- Alabama Dietetic Association Graduate Student Scholarship, 1999 – 2000

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RESEARCH SUPPORT

**Current**

R01HL163714 (Turner-McGrievy)  
NIH/NHLBI

4/01/2022-3/31/2027

2 Academic

**Expanding the reach of the Nutritious Eating with Soul (NEW Soul) program: A Type 2 hybrid effectiveness-implementation trial**

Our proposed project will test the implementation of the NHLBI-funded NEW Soul program and how the program can lead to significant improvements in dietary and weight outcomes. The goal of this study is to develop a ready to adopt intervention in African American owned vegan restaurants. This study will test an entirely remotely delivered behavioral intervention that has the ability to be scaled up so that reach of this treatment approach is broad.

R01DK129302 (Turner-McGrievy)  
NIH/NIDDK

7/16/2021-6/30/2025

2 Academic

**Targeting important behaviors for weight loss through the use of social gaming and points: The Social Pounds Off Digitally (Social POD) study**

This project will examine if adding points/gamifying a weight loss intervention produces greater sustained weight loss and social support than the same intervention without points. The goal of the Social POD app is to facilitate social support and weight loss through social gaming with points. This study will test an entirely remotely-delivered behavioral intervention that has the ability to be scaled up so that reach of this treatment approach is broad.

R01AG07004 (PI: Pellegrini)  
NIH/NIA

7/15/2021-6/30/2026

0.5 Academic

**Physical Activity and Weight Loss to Improve Function and Pain after Total Knee Replacement**

This study aims to examine the effectiveness of a Patient-Centered (PACE) weight loss program in adults after knee replacement in a fully-powered (n=250), two-arm randomized controlled trial, in which participants will be randomized at 12 weeks after surgery to either PACE weight loss program or Chronic Disease Self-Management program.

R01DK128057 (Turner-McGrievy)  
NIH/NIDDK

4/01/2021-3/31/2026

2 Academic

**Ensuring the cultural relevance of Dietary Guidelines diet patterns among African Americans: Increasing dietary quality and reducing type 2 diabetes risk**

The goal of this project is to use a two-stepped study to examine both the adoption of the three dietary patterns as presented by the United States Dietary Guidelines and testing of a refined, culturally-tailored one-year intervention examining the three diet patterns among African American adult participants with overweight/obesity and  $\geq$ three type 2 diabetes (T2DM) risk factors.

1R01DK124630 (PI of subcontract: Frongillo)  
NIH/NIDDK

5/1/2020-4/30/2025

0.4 Academic

**Food is Medicine: Randomized Trial of Medically-Tailored Food Support for Diabetes Health**

This project will test the efficacy and cost-effectiveness of providing DM-tailored food support plus DM-specific nutrition education to low-income individuals with T2DM. The long-term goal is to improve T2DM health for vulnerable populations and inform policy debates about the value of MTM as part of healthcare delivery.

Role: Co-Investigator

P20GM13042 (PI: Prinz)  
NIH/NIGMS

3/15/2020-2/28/2025

0.9 Academic

**Research Center for Child Well-Being**

This COBRE center focuses on prevention and intervention research aimed at reducing the risk for mental, emotional, and behavioral disorders and for childhood obesity in children ages 2-10.

Role: Co-Lead of Intervention Core

R01DK120490 (PI: Beets)

8/20/2019-5/31/2024

0.9 Academic

**Reducing Health Disparities in Childhood Obesity Using Financial Incentives in Low-income Households**

The proposed study builds upon the scientific literature that examines the effects of demand-side financing, such as financial incentives to improve adults' health behaviors and the use of vouchers/subsidies in low-income populations and developing countries, and applies this intervention approach to childhood obesity in low-income households.

Role: Co-Investigator

1R01DK116665 (PI: Beets)  
NIH/NIDDK

8/31/2018-8/31/2023

0.9 Academic

**What's UP (Undermining Prevention) with Summer? Etiology of Accelerated Weight Gain during Summer vs. School Year**

The goal of this project is to collect information on where children go during summer, what they do when they get there, and how their behaviors (physical activity, sedentary, sleep, and diet) during summer depart from these behaviors during the school year.

Role: Co-Investigator

**Completed**

R01HL149141 (PI: Beets)  
NIH/NHLBI

7/15/2019-6/30/2023

0.9 Academic

**A Meta-Epidemiological Assessment of the Role of Pilot Studies in the Design of Well-Powered Trials - the Pilot Project**

This study will develop conduct and reporting guidelines to establish methodological rigor for the conduct, interpretation, and reporting of pilot studies designed to inform the testing of social science/public health behavioral interventions in fully powered randomized trials.

Role: Co-Investigator

1R01HL135220 (PI: Turner-McGrievy)  
NIH/NHLBI

7/15/2017-4/30/2022

**A nutrition-based approach to reduce heart disease risk among overweight African Americans: Use of soul food plant-based or omnivorous diets to address cardiovascular disease**

Using a randomized design, this project will examine the effect of adopting two different dietary patterns (vegan and omnivorous), which focus on southern cuisine, on both cardiovascular disease risk factors and weight loss among overweight African American adults. The project partners with local community restaurants to help inform intervention and recipe development.

R34DK119815 (PI: Moore)  
NIH/NIDDK

8/1/2019-7/31/2021

**IMPACT: Increased Monitoring of Physical Activity and Calories with Technology**

The purpose of this study is to refine and pilot a tailored, mobile component to augment an existing, evidence-based pediatric weight management program (Brenner FIT) to determine acceptability from a patient and clinical staff perspective, feasibility, and economic costs relative to the established weight management protocol alone.

Role: Co-Investigator

1R21HD095164 (PI: Weaver)  
NIH/NICHD

3/31/2018-2/28/2020

**Investigating the Role of Structured Days on Accelerated Weight Gain during Summer: A Natural Experiment**

The goal of this project is to collect information on how structured days influence children's behaviors (physical activity, sedentary, sleep, and diet) during the summer (unstructured days) and school year (structured days).

Role: Co-Investigator

1R21HD090647 (Weaver)  
NIH/NICHD

8/1/2017- 7/31/2019

**Interventions to Promote Healthy Lifestyle and Academic Performance in Children during the Summer Months**

Summer vacation represents a “window of vulnerability” where dramatic declines in both health and academics occur for elementary age children. Currently, there are no summer programs that incorporate curriculum addressing both unhealthy weight gains and academic achievement simultaneously. This work represents an important step towards addressing important public health goals – obesity and learning – through a comprehensive program delivered during a timeframe – summer vacation – where substantial and long-lasting negative effects occur.

Role: Co-Investigator

R01HD078407 (PIs: Wilcox/Liu)  
NIH/NICHD

4/1/2014-3/31/2019

**Promoting Healthy Weight in Pregnancy and Postpartum among Overweight/Obese Women**

The major goals of this study are to examine the impact of a lifestyle intervention on preventing excessive weight gain during pregnancy and promoting weight loss during postpartum in overweight and obese women.

Role: Co-Investigator

Academy of Nutrition and Dietetics Foundation  
RDPG Faculty Research Award (PI: Turner-McGrievy)

11/2017-10/2018

**The Plant-based and Soul-full Study (PASS): Partnerships with local vegetarian soul food restaurants in the community to increase dietary acceptability of a plant-based diet**

The overall goal of this study is to identify ways that partnerships with local soul food vegan restaurants can be leveraged to improve dietary acceptability of plant-based diets, and in turn, improvements in dietary quality and body weight among African American adults living in the Southeastern U.S.

ASPIRE-I, Track 1 (PI: Monroe)  
Internal USC Grant

7/2017-9/2018

**Evaluating Columbia Moves: A Social Network Approach Using a Team Competition and Technology to Increase Physical Activity**

The goal of this study is to isolate the effect of a technology-delivered competition among teams comprised of adult members from existing social networks on physical activity.

Role: Co-Investigator

ASPIRE-II (PI: Frongillo)  
Internal USC Grant

7/2017-9/20/2018

**Positioning USC for Global Prominence in Research on Prevention and Management of Chronic Disease**

This project has specific objectives to 1) generate knowledge related to screening and follow up of common chronic diseases and to modifiable risk factors for informing interventions, and 2) strengthen interdisciplinary collaborations within USC and among USC and other leading scientific and implementing institutions in the United States, Latin American, and the Caribbean.

Role: Co-Investigator and Co-leader for one of six individual studies that are part of the overall grant (Study title: Mobile health for innovative strategies protecting adults from risk factors for chronic diseases)

R01HD07937201A1 (PI: Beets)  
NIH/NHLBI

9/2014-8/2018

**Turn Up the HEAT - Healthy Eating and Activity Time in Summer Day Camps**

The goal of the proposed project is evaluate the outcomes associated with a healthy eating and physical activity intervention delivered through summer day camps.

Role: Co-Investigator

1R21CA187929-01A1 (PI: Turner-McGrievy)

12/2014-11/2017

NIH/NCI

**Increasing Dietary Self-Monitoring and Weight Loss in an mHealth Intervention**

The major goals of this study are to develop and refine a website to be used for viewing number of bites and weight loss during a 6-month weight loss trial and to conduct a 6-month RCT comparing the addition of the Bite Counter in enhancing weight loss in an mHealth intervention.

R44DK10337702-SBIR (PIs: Wirth/Shivappa)  
(PI subcontract: Turner-McGrievy)

10/2014-8/2017

NIH/NIDDK

**Developing the Dietary Inflammatory Index for Clinical Application**

The goal of this project is to develop a mobile app using the Dietary Inflammatory Index for use in the clinical setting and test it as part of a comprehensive dietary intervention program. Role: PI of sub-contract

Amy Joye Memorial

8/2015-8/2017

Research Award (PI: Turner-McGrievy)

Academy of Nutrition and Dietetics Foundation

**Self-Monitoring Assessment in Real Time (2-SMART): Improving dietary self-monitoring through digital photography and crowdsourcing**

The goal of this project is to conduct a content analysis of current photo diet self-monitoring apps, conduct a one-month weight loss trial that provides users (n=20) with a different photo diet app each week, and design the first phase of a photo diet app.

ASPIRE-I Award (PI: Kaczynski)

5/2016-5/2017

University of South Carolina Office of Research

**eCPAT: Advancement and feasibility testing of public park information and technology resources to support healthy communities**

This project developed an app and system for improving the contributions of parks to population health and to conduct preliminary market potential assessments with key stakeholder groups. Role: Co-Investigator

1R01HD079422 (PI: Beets)

4/2014-3/2017

NIH/NHLBI

**Policy to Practice: Statewide Rollout of YMCA Childhood Obesity Standards**

The YMCA's out-of-school time (OST) programs (afterschool programs ~3-6pm) serve millions of children nationally and represent one of the few settings outside the school where youth can be physically active and eat nutritious foods. The proposed project will identify processes by which effective, low- and no-cost strategies can be integrated into the existing YMCA organizational framework to ensure that national YMCA "Healthy Eating and Physical Activity Standards" are achieved.

Role: Co-Investigator

1R01HL112787 (PI: Beets)

10/2012-10/2016

NIH/NHLBI

**Physical Activity and Nutrition Intervention in Afterschool Programs**

The goal of the proposed project is evaluate the outcomes associated with two innovative strategies designed to help ASPs meet policy goals for activity and nutrition and to examine factors associated with the implementation of the strategies.

Role: Co-Investigator

South Carolina Resilience to Extreme Storms: Research on Social, Environmental, and Health Dimensions grants

11/2015-10/2016

(co-PIs Brandt and Turner-McGrievy)

**Examining Use of Social Media as a Response and Recovery Strategy during the #SCFlood of October 2015**

The overall goal of the proposed research is to examine the role and use of social media as a response and recovery strategy during the South Carolina flood of October 2015 in the Midlands Region.

ASPIRE-I (PI: Turner-McGrievy) 5/2014-9/2015  
University of South Carolina Office of Research

**Refining and Pilot Testing Social Networks for Encouraging Healthy Behaviors: The Social Pounds Off Digitally (Social POD) study**

The goal of this project is to refine our intelligent social agent mobile app (Social POD) based on results from our usability testing and develop new components (i.e., incentive system) for use in a 3-month randomized controlled pilot trial (RCT). In addition, we will conduct a 3-month pilot RCT among adults with overweight and obesity to test the developed app.

Discovery Grant (PI: Kaczynski) 8/2013-7/2014  
SC Clinical and Translational Research Institute

**eCPAT: Using mobile technology to assess the acceptability, feasibility, and efficacy of the Community Park Audit Tool with youth**

The goal of this project is to develop and pilot test a park audit tool with youth.  
Role: Co-Investigator

Discovery Grant: UL1TR000062 (PI: Turner-McGrievy) 5/2013-5/2014  
SC Clinical and Translational Research Institute

**Developing and Pilot Testing Agent-Mediated Social Networks for Modeling Healthy Behaviors**

The goal of this project is to develop and conduct usability testing of an enhanced social network built using recommender systems for weight loss using smartphones.

Internal seed grant (PI: Turner-McGrievy) 11/2012–10/2013  
Institute for the Advancement of Health Care

**HER Health: Healthy Eating for Reproductive Health Greenville**

The goal of this project is to add a second recruitment site for the HER Health study to recruit participants from a reproductive endocrinology clinic. This study will test if a low-fat, low-glycemic index, vegan dietary approach is an effective way to help women with Polycystic Ovary Syndrome achieve a clinically meaningful weight loss (5% or greater) as compared to a standard calorie-controlled dietary approach.

1R21HL106020 (PI: Beets) 9/2011–9/2013  
NIH/NHLBI

**Policies to Influence Physical Activity and Nutrition in YMCA Programs**

This is a collaborative project with the YMCA to develop, implement, and monitor policies and practices for physical activity and nutrition in after school programs.  
Role: Co-Investigator

Small Grants Program (PI: McInnes) 6/2012–5/2013  
The Cornell Center for Behavioral Economics in Child Nutrition Programs

**Before the Lunch Line**

This pilot study will take principles of “lunch-line redesign” and behavioral economics into classrooms where children are making their choices to examine if these affect foods chosen at lunch.

Role: Co-Investigator

VNDPG grant (PI: Turner-McGrievy) 8/2011–2/2013

American Dietetic Association Foundation

### **HER Health: Healthy Eating for Reproductive Health**

The objective of this study is to examine if a low-fat, low-glycemic index, vegan dietary approach is an effective way to help women with Polycystic Ovary Syndrome achieve a clinically meaningful weight loss (5% or greater) as compared to a standard calorie-controlled dietary approach.

UNC Lineberger Cancer Center (PI: Turner-McGrievy)  
Population Sciences Grant

8/2010—8/2011

### **The Mobile Pounds Off Digitally Study**

The primary aim of this research project is to assess the effectiveness of delivering an intervention via mobile devices in order to improve diet quality and promote weight loss.

Johns Hopkins University (PI: Turner-McGrievy)  
Health Scholar Award

8/2005—8/2006

### **Nutrition Information to the Desktop**

The purpose of this study was to determine if a Web-based lesson on providing information and programming on reducing saturated fat intake can be an effective tool to train and motivate public library staff.

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## PUBLICATIONS AND PAPERS

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Underlined co-author names denote current or former student or post-doctoral fellow. Names with \* denote a current or former staff member of the BRIE Lab.

1. Bernhart JA\*, **Turner-McGrievy GM**, Dubois KE, Sentman C, Rudisill C, Okpara N, Wilcox S, Clemons B. Community Health Worker Implementation and Cost-Analysis of a Plant-based Nutrition Program. *Journal of Nutrition Education and Behavior*. *In press*.
2. Chwyl C, Metzler A.L, Nguyen J, Karbassi N, France M, **Turner-McGrievy GM**, Wright N, Forman EM. "Mindset Matters" Perseverance, a Balanced Approach and Structured Support as Facilitators of Whole Foods Plant-Based Adoption: A Qualitative Study. *Appetite*. *In press*.
3. Monroe CM, Cai B, Edney S, Jake-Schoffman DE, Brazendale K, Bucko A, Armstrong B, Yang C-H, **Turner-McGrievy G**. Harnessing technology and gamification to increase adult physical activity: A cluster randomized controlled trial of the Columbia Moves pilot. *International Journal of Behavioral Nutrition and Physical Activity*. 2023 Nov 3;20(1):129.
4. Bernhart JA, Quattlebaum M, Eustis S, Okpara N, Wilson MJ,\* Sentman C, **Turner-McGrievy GM**. "It's gonna be okay" – A qualitative exploration of the COVID-19 pandemic's effects on participants in a dietary intervention. *Journal of the Academy of Nutrition and Dietetics*. 2023 Dec;123(12):1763-1771.
5. Hunt ET, Armstrong B, Beets MW, **Turner-McGrievy G**, Weaver RG. Interpersonal and Environmental Protective Factors and Their Associations With Children's Weight Status. *Journal of Primary Care Community Health*. 2023 Jan-Dec;14:21501319231182304.
6. **Turner-McGrievy GM**, Wilcox S, Frongillo EA, Murphy EA, Hutto B, Wilson M,\* Davey M,\* Bernhart J,\* Okpara N, Bailey S, Hu E.\* Effect of a Plant-Based vs Omnivorous Soul Food Diet on Weight and Lipid Levels Among African American Adults: A Randomized Clinical Trial. *JAMA Network Open*. 2023;6(1):e2250626.
7. Wilcox S, Liu J, **Turner-McGrievy G**, Boutté A, Wingard E. Effects of a behavioral intervention on physical activity, diet, and health-related quality of life in pregnant women with elevated weight: Results of the HIPPA randomized controlled trial. *International Journal of Behavioral Nutrition and Physical Activity*. 2022 Dec 9;19(1):145.



8. Bernhart JA,\* Fellers A, Wilson MJ,\* Hutto B, Bailey S, **Turner-McGrievy GM**. COVID-19 pandemic associations on mental and physical health in African Americans participating in a behavioral intervention. *Journal of Racial and Ethnic Health Disparities*. 2023 Dec;10(6):3070-3076.
9. **Turner-McGrievy GM**, Wilson MJ,\* Carswell J,\* Okpara N, Aydin H, Bailey S, Davey M,\* Hutto B, Wilcox S, Friedman DB, Sarzynski MA, Liese AD. A 12-week randomized intervention comparing the Healthy US, Mediterranean, and Vegetarian dietary patterns of the US Dietary Guidelines for changes in body weight, hemoglobin A1c, blood pressure, and dietary quality among African American adults. *Journal of Nutrition*. 2023 Feb;153(2):579-587.
10. Wilcox S, Dahl AA, Boutté AK, Liu J, Day K, **Turner-McGrievy G**, Wingard E. Process evaluation methods and results from the Health in Pregnancy and Postpartum (HIPP) randomized controlled trial. *BMC Pregnancy Childbirth*. 2022 Oct 26;22(1):794.
11. Bernhart JA,\* **Turner-McGrievy GM**, Wilson MJ,\* Sentman C, Wilcox S, Rudisill C. NEW Soul in the Neighborhood – Reach and Effectiveness of a Dissemination and Implementation Feasibility Study. *Translational Behavioral Medicine*. 2023 Apr 3;13(3):123-131.
12. Wirth MD, Liu J, Wallace MKK, McLain AC, **Turner-McGrievy GM**, Davis JE, Ryan N, Hébert JR. Dietary Inflammatory Index and Sleep Quality and Duration among Pregnant Women with Overweight or Obesity. *Sleep*. 2022 Dec 12;45(12):zsac241.
13. Liang F, Fu J, **Turner-McGrievy G**, Wang Y, Qui N, Ding K, Zeng J, Moore JB, Li R. Association of body mass index and plant-based diet with cognitive impairment among Chinese older adults: a nationwide prospective cohort study. *Nutrients*. 2022 Jul 29;14(15):3132.
14. Liu J, Wilcox S, Hutto B, **Turner-McGrievy G**, Wingard E. Effects of a lifestyle intervention on postpartum weight retention among women with elevated weight. *Obesity*. 2022 Jul;30(7):1370-1379.
15. **Turner-McGrievy GM**, Wirth MD, Bernhart JA, Aydin H. The Fasting and Shifted Timing (FAST) of Eating Study: A pilot feasibility randomized crossover intervention assessing the acceptability of three different fasting diet approaches. *Appetite*. 2022 Sep 1;176:106135.
16. Wende ME, Wilcox S, Rhodes Z, Kinnard D, **Turner-McGrievy G**, McKeever BW, Kaczynski AT. Developing Criteria for Research Translation Decision Making in Community Settings: A Systematic Review and Thematic Analysis Informed by the Knowledge to Action Framework and Community Input. *Implementation Science Communications*. 2022 Jul 16;3(1):76.
17. Chwyl C, Wright N, **Turner-McGrievy G**, Butryn ML, Forman EM. Remotely Delivered Behavioral Weight Loss Intervention Using an Ad Libitum Plant-Based Diet: Pilot Acceptability, Feasibility, and Preliminary Results. *JMIR Formative Research*. 2022 Jun 23;6(6):e37414.
18. Bernhart JA, Fellers A, **Turner-McGrievy GM**, Wilson MJ,\* Hutto B. Socially Distanced Data Collection: Lessons Learned Using Electronic Bluetooth Scales to Assess Weight. *Health Education & Behavior*. 2022 Oct; 49(5): 765-769.
19. Truman SC, Wirth MD, Arp Adams S, **Turner-McGrievy GM**, Reiss KE, Hébert JR. Meal timing, distribution of macronutrients, and inflammation among African-American women: A cross-sectional study. *Chronobiol Int*. 2022 Jul;39(7):976-983.
20. von Klinggraeff L, Dugger R, Brazendale K, Hunt ET, Moore JB, **Turner-McGrievy G**, Vogler K, Beets MW, Armstrong B, Weaver RG. Healthy Summer Learners: An explanatory mixed methods study and process evaluation. *Evaluation and Program Planning*. 2022 Jun;92:102070.
21. Moore J, **Turner-McGrievy G**, Maddock J. The \$100,000 Pyramid. *Journal of Healthy Eating and Active Living*. 2022 Mar; 2(1), 5–8.
22. Beets MW, von Klinggraeff L, Burkart S, Jones A, Ioannidis JPA, Weaver RG, Okely AD, Lubans D, van Sluijs E, Jago R, **Turner-McGrievy G**, Thrasher J, Li X. Impact of risk of generalizability biases in

adult obesity interventions: A meta-epidemiological review and meta-analysis. *Obesity Reviews*. 2022 Feb;23(2):e13369.

23. Okpara N, Chauvenet C, **Turner-McGrievy G**, Grich K. "Food doesn't have power over me anymore!" Self-Efficacy as a Driver for Dietary Adherence among African American Adults Participating in Plant-Based and Meat-Reduced Dietary Interventions: A Qualitative Study. *Journal of the Academy of Nutrition and Dietetics*. 2022 Apr;122(4):811-824.
24. Hunt ET, Armstrong B, Beets MW, **Turner-McGrievy G**, Weaver RG. Differences by School Location in Summer and School Monthly Weight Change: Findings from a Nationally Representative Sample. *International Journal of Environmental Research and Public Health*. 2021 Nov 4;18(21):11610.
25. Bernhart JA, **Turner-McGrievy GM**, Eustis S, Wilson MJ,\* Hutto B, Wilcox S. Physical Activity Assessment in African Americans Participating in a Dietary Weight Loss Trial Focused on Soul Food. *Journal of Public Health (Berl.)* (2021). <https://doi.org/10.1007/s10389-021-01666-z>.
26. Carpenter C, Byun S, **Turner-McGrievy G**, West DS. An Exploration of Domain Specific Sedentary Behaviors in College Students by Lifestyle Factors and Sociodemographics. *International Journal of Environmental Research and Public Health*. 2021 Sep 21;18(18):9930.
27. Wirth MW, Zhao L, **Turner-McGrievy GM**, Ortaglia A. Associations between Fasting Duration, Timing of First and Last Meal, and Cardiometabolic Endpoints in the National Health and Nutrition Examination Survey. *Nutrients*. 2021 Aug 3;13(8):2686.
28. Bernhart JA, **Turner-McGrievy GM**, Wirth MD, Shivappa N, Hébert JR. Improving Health in the IMAGINE Intervention: Changes in Physical Activity, Body Fat, Body Mass Index, and DII™. *Translational Journal of the American College of Sports Medicine*. Winter 2022; 7(1): e000181.
29. Hunt ET, von Klinggraeff L, Jones A, Burkart S, Dugger R, Armstrong B, Beets MW, **Turner-McGrievy GM**, Geraci M, Weaver RG. Differences in the Proportion of Children Meeting Behavior Guidelines During Summer and School by Socioeconomic Status and Race. *Obesity Science and Practice*. 2021 May 26;7(6):719-726.
30. Weaver RG, Hunt ET, Armstrong B, Beets MW, Brazendale KB, **Turner-McGrievy G**, Pate RR, Youngstedt S, Dugger R, Parker H, von Klinggraeff L, Jones A, Burkart S, Reesor-Oyer L. COVID-19 Leads to Accelerated Increases in Children's BMI z-score Gain: An interrupted time-series study. *American Journal of Preventive Medicine*. 2021 Oct;61(4):e161-e169.
31. Eustis S, **Turner-McGrievy G**, Adams S, Hébert J. Measuring and Leveraging Motives and Values in Dietary Interventions. *Nutrients*. 2021 Apr 25;13(5):1452.
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### **Conference proceedings**

1. Whalen L, **Turner-McGrievy B**, McGrievy M, Hester A, Valafar H. On Creating a Comprehensive Food Database. The 2022 International Conference on Computational Science and Computational Intelligence. December 14-16, 2022; Las Vegas, USA. arXiv preprint arXiv:2301.10649. 2023 Jan 25.

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### PRESENTATIONS

#### **Invited Speaker: Keynote addresses**

1. "Behavioral strategies for facilitating adoption of plant-forward diets." 16<sup>th</sup> Annual Tufts Nutrition Data Symposium. Presented March 10, 2023. Virtual.
2. "Nutrition on the Go! Using Mobile Technology to Deliver Behavioral Weight Loss Interventions." South Carolina Academy of Nutrition and Dietetics Annual Meeting, April 2013.

### **Invited Chair: Professional Workshops**

1. Co-Chair of the National Institutes of Health "Culture-Centered Dietary Interventions to Address Chronic Diseases," virtual two-day workshop September 28-29, 2023.

### **Invited Speaker: Professional/Research**

1. "Innovative ways to improve the public's health: Focus on dietary interventions and tech-based solutions." The Nutrition Seminar Series: Section of Nutrition, Department of Pediatrics and the Colorado NORC (Nutrition & Obesity Research Center), University of Colorado Anschutz Medical Campus, presented November 2022.
2. "Using technology to deliver evidence-based nutrition and weight loss interventions." UConn Nutrition Seminar, presented September 2022.
3. "Past, present, and future: Two decades of plant-based diet research." Plant-based Prevention of Disease Conference, presented June 2021.
4. "Farm to Table: Plant-based Diet." Presented as part of the TOS/WMDPG Joint Symposium: "Plants, Fats, and Fasts: Practical Applications for Trending Dietary Patterns." Obesity Week Conference, presented November 2020.
5. "Innovative ways to improve the public's health: Focus on dietary interventions and tech-based solutions." University of Georgia, Nutrition Department Lecture Series, presented September 2020.
6. "Plant-based approaches to PCOS Nutrition." PCOS Awareness Symposium, presented September 2020.
7. "The efficacy of commercially available diet tracking apps using calorie tracking and photo tracking of dietary intake." The UConn Center for mHealth and Social Media 4th Annual Conference, presented May 2020.
8. "Application of Mobile Approaches to Diet Tracking in Nutrition Research." SC DHEC 18<sup>th</sup> Annual Chronic Disease Prevention Symposium, presented March 2020.
9. "Innovative ways to improve the public's health: Focus on dietary interventions and tech-based solutions." Fred Hutchinson Cancer Center, presented February 2020.
10. "Application of Mobile Approaches to Diet Tracking in Nutrition Research." Day of Science, Center for Responsible Nutrition, presented November 2019.
11. "Adherence is Not the Enemy: Why Patients Still Benefit from a Plant-based Diet Regardless of 100% Adherence." International Plant-Based Nutrition Healthcare Conference, presented September 2019.
12. Debate: "One Person's Meat Is Another Person's Poison: Meat-based Vs. Plant-based Diet for Obesity." Obesity Week, presented November 2018.
13. "Evolution and Applications of Calorie Tracking Devices." Obesity Week, Part of the "Dietary Intervention: Working It Out to Cut It Down" symposium, presented October 2017.
14. "Emerging strategies for clinical intervention studies to change diet composition." NIH's National Institute on Aging, Part of the "Nutritional Interventions to Promote Healthy Aging" workshop, presented September 2017.
15. "Plant Based Possibilities: Use of Plant Based Diets for Weight Loss." Webinar for Villanova University's Center for Obesity Prevention and Education, March 2017.

16. "Motivate, Monitor, and Measure: Using mHealth Approaches to Personalize Behavior Change" American Academy of Health Behavior Scientific Meeting, March 2017.
17. "Plant-based or Low-carb: Personalized Approaches for Obesity, Diabetes and Cancer." Academy of Nutrition and Dietetics Food & Nutrition Conference & Expo, October 2016.
18. "The use of plant-based diets for the treatment of Polycystic Ovary Syndrome." International Plant-Based Nutrition Healthcare Conference, October 2015.
19. "Plant-based possibilities: Vegan diets in the prevention and treatment of diabetes and other chronic diseases." Plant-based Prevention of Disease conference, November 2014.
20. "Vegetarian diets can be a weight loss choice." American Society of Bariatric Physicians annual meeting, September 2014.
21. "The use of emerging technologies for health communication: Results of two randomized trials examining podcasting as a way to deliver a health behavior intervention." USC Science and Health Communication Research Group, April 2012.
22. "Plant-based nutrition in clinical practice: The use of vegan diets for health promotion and disease prevention." Medical College of Wisconsin, Cardiology Grand Rounds, March 2010.
23. "Fat, Carbohydrates, or Protein for Weight Loss: Does It Matter Which?" The American Heart Association Scientific Sessions, November 2009.
24. "Vegetarian diets and weight loss." Alabama Dietetic Association conference, March 2003.

#### **Invited Speaker: Community**

1. "Prioritizing healthy eating when you're a woman on the move." USC's 11th Annual Women's Leadership Institute: Leading the Charge, April 2014.
2. "Health 2.0: How technology can help us live healthier lives." USC's 9th Annual Women's Leadership Institute: Balancing Mind, Body and Soul, April 2012.

#### **Presentations (as oral presenter or lead author)**

1. "The relationship of early intervention activities and 6-month weight loss: What predicts weight loss in a behavioral mHealth intervention?" American Academy of Health Behavior annual meeting, poster presentation to be presented April 2023.
2. "Provision of social support is associated with 3-month weight loss in the mobile Lifestyle Intervention for Food and Exercise (mLIFE) study." International Society of Behavioral Nutrition and Physical Activity annual meeting, oral presentation, presented June 2023.
3. "The DG3D study: 12-week randomized weight loss and diet quality intervention among African Americans." Obesity Week annual meeting, oral presentation, presented November 2022.
4. "Using mobile and digital technologies to deliver the Nutritious Eating with Soul (NEW Soul study) among African American adults to lower CVD risk factors." As part of

Symposium: Leveraging mHealth to Address Cardiovascular Health in Underserved Populations. Society of Behavioral Medicine annual meeting, April 2022.

5. "Effective recruitment strategies for African American men and women: The Nutritious Eating with Soul study." Society of Behavioral Medicine annual meeting, research spotlight, April 2021.
6. "Is burden always bad? The role that burden plays in engagement and use of mobile dietary self-monitoring." Society of Behavioral Medicine annual meeting, research spotlight, April 2021. **Winner: Outstanding Abstract Award, BIT SIG.**
7. "Dietary pattern recognition in Twitter: A case example of before, during, and after a natural disaster." International Society of Behavioral Nutrition and Physical Activity annual meeting, poster presentation, presented June 2019.
8. "The Nutritious Eating with Soul Study: 6-month changes in body weight and blood pressure comparing a vegan vs. low-fat soul food dietary intervention." International Society of Behavioral Nutrition and Physical Activity annual meeting, oral presentation, presented June 2019.
9. "Assessing and addressing declines in adherence to dietary self-monitoring: Use of three different mobile diet tracking methods for weight loss." Oral presentation as part of the symposium entitled "Novel diet interventions that use mobile self-monitoring technology for feedback: study design and evaluation considerations." Society of Behavioral Medicine annual meeting, March 2019.
10. "Defining adherence to mobile dietary self-monitoring and assessing tracking over time." Society of Behavioral Medicine annual meeting, poster presentation, April 2018.
11. "Impact of a one-year plant-based diet intervention on diet and the Dietary Inflammatory Index." 7th International Congress of Vegetarian Nutrition, oral presentation, February 2018.
12. "Impact of a 3-month intervention on body weight, blood pressure, lipids, and physical activity: The IMAGINE trial." International Society of Behavioral Nutrition and Physical Activity annual meeting, oral presentation, June 2017.
13. "The Dietary Intervention to Enhance Tracking with Mobile devices (DIET Mobile) study: A six-month randomized, controlled trial testing two different mobile self-monitoring devices." International Society of Behavioral Nutrition and Physical Activity annual meeting, oral presentation, June 2017. **Winner: Best e-/m-Health oral presentation.**
14. "Diet tracking mobile app ownership is not associated with lower weight, energy intake, or improved weight loss behaviors." Society for Nutrition Education and Behavior conference, poster presentation, August 2016.
15. "Using social media to challenge people to be physically active and to track sentiment around weight loss." SBM conference, part of the "Social media and health behavior: Stimulating and analyzing the online conversation" symposium, presented April 2016.
16. "Using Social Media for Obesity Treatment and Prevention Programs: Strategies and Lessons Learned." SBM conference, panel discussion, presented April 2016.

17. "Will work for bites: Use of weekly behavioral challenges to enhance dietary self-monitoring via bite tracking mobile device." SBM conference, poster presentation, presented April 2016.
18. "Forging a Path to Scientific Independence: Four Stories from the Field." Southeast Chapter of the American College of Sports Medicine, symposium, February 2016.
19. "Can diet quality be crowdsourced to facilitate self-monitoring? Evidence for using crowdsourcing and bite counting for tracking diet quality and energy intake." The Obesity Society, poster presentation, November 2015.
20. "Social media message type, engagement, and weight change in a 6-month behavioral weight loss intervention." SBM conference, symposium, April 2014.
21. "Tweeting off the Pounds: Using Social Networks to Assess Interest in Weight Loss and Fitness over Time." The Obesity Society, poster presentation, November 2013.
22. "How plant-based do we need to be to achieve weight loss? Results of the New Dietary Interventions to Enhance the Treatments for Weight Loss (New DIETs) Study." The Obesity Society Ethan Sims young investigator Award Finalist Presentation, November 2013.
23. "Let's Network: Online Social Networking as Part of Behavioral Weight Loss Interventions." SBM conference, symposium, March 2013.
24. "Are we sure that mobile health is really mobile?" mHealth Summit, oral presentation, December 2012.
25. "Exploring the Use of Mobile and Agent-Mediated Social Network Interventions for Weight Loss." South Carolina Clinical and Translational Research Institute's Scientific Retreat on Obesity, oral presentation, October 2012.
26. "Self-monitoring on the go: Mobile app self-monitoring is related to increased energy expenditure, decreased energy intake, and weight loss." The Obesity Society, poster presentation, September 2012.
27. "Weight Loss Social Support in 140 Characters or Less." Society of Behavioral Medicine, oral presentation, April 2012.
28. "Podcasting off the Pounds: Results of Two Mobile Weight Loss Trials and Next Steps in Forming Interdisciplinary Collaboration around mHealth Obesity Research." South Carolina Clinical and Translational Research Institute's Scientific Retreat on Mobile Health Technologies, oral presentation, April 2012.
29. "A call to move towards plant-based diets: Why should we go there?" USC Nutrition Center Symposium. Healthy Eating in Context: Local Solutions, Global Challenges, oral presentation, March 2012.
30. "Podcasting Off the Pounds: Delivering Weight Loss Interventions through Mobile Media." mHealth Summit, oral presentation, December 2011.
31. "How sweet it is: Tasting profile affects reduction of caloric beverages in a randomized weight loss intervention." The Obesity Society meeting, oral presentation, October 2011.
32. "Tweets, apps, and pods: Results of a 6-month, mobile media, weight loss intervention." The Obesity Society meeting, poster presentation, October 2011.



33. "Taking the Bitter with the Sweet: Exploring the interaction of being a sweet liker and supertaster on metabolic syndrome and dietary intake." The Obesity Society meeting, oral presentation, October 2010.
34. "The relationship between sugar sweetened beverages added sugar intake, dietary glycemic index, and body mass index." ISBNPA conference, poster, June 2010.
35. "Relation of the glycemic index with body weight and glycemic control among participants with type 2 diabetes following a low-fat vegan diet or a conventional diabetes diet for 22 weeks." The Obesity Society meeting, poster, October 2009.
36. "Podcasting off the pounds: A theory-based weight loss intervention improves diet and physical activity among overweight adults." ISBNPA conference, oral presentation, June 2009.
37. "Pounds Off Digitally (POD) Study: Using podcasting to promote weight loss." SBM conference, oral presentation, March 2009.
38. "The Use of Emerging Technologies in Public Health Informatics." ISBNPA conference, symposium, June 2007.
39. "Librarians as Health Information Providers: Follow-up Results of an Online Course to Improve Self-efficacy and Expectancies." SBM conference, poster, March 2007.
40. "Librarians as Health Information Providers: A Pilot Project Using an Online Course to Improve Knowledge, Self-efficacy, and Expectancies." SBM conference, poster, March 2006.
41. "The Effect of Diet and Group Support on Weight Loss Maintenance." NAASO conference, poster, October 2005.
42. "Practical Issues in Planning Vegetarian Diets for Persons with Diabetes." AADE conference, oral presentation, August 2005.
43. "Going the Distance: Taking Dietetic Education into the 21<sup>st</sup> Century." American Dietetic Association conference, oral presentation, October 2003.
44. "Adoption of a Low-fat, Vegan Diet Improves Macro- and Micronutrient Intake in Overweight, Postmenopausal Women." International Congress on Vegetarian Nutrition, poster, April 2002.

### **Workshops**

1. **Turner-McGrievy GM**, Dahl AA, Moreno M, Arigo D (chair). #Health Behaviors: Designing and Delivering Interventions via Social Media. Pre-conference workshop at the Society of Behavioral Medicine meeting, New Orleans, LA, April 2018.

### **Presentations by student or postdoctoral advisees or staff as lead author (Underlined co-author names denote current or former student or post-doctoral fellow, names with \* denote a current or former staff member of the BRIE Lab)**

1. Bell A, Bernhart J, Wilcox S, Okpara N, **Turner-McGrievy GM**. The Association Between Power of Food Scale Scores and Weight Among Individuals Consuming a Vegan or Low-Fat Omnivorous Diet. (March 13-16, 2024) Abstract accepted for poster presentation at the Society of Behavioral Medicine Annual Meeting. Philadelphia, PA.

2. Okpara N, **Turner-McGrievy GM**, Armstrong B, Ingram L, Wilson M.\* BABE, add self-compassion: a mixed method body image & nutrition self-compassion RCT pilot program for teenage Black girls. (March 13-16, 2024) Abstract accepted for poster presentation at the Society of Behavioral Medicine Annual Meeting. Philadelphia, PA.
3. Keseko E, Bernhart JA, Bailey S, Wilson MJ,\* Okpara N, Wilcox S, **Turner-McGrievy GM**. Connections between diet and mental health: Comparing participants randomized to vegan and omnivorous diets in the NEW Soul Study. (March 13-16, 2024) Abstract accepted for poster presentation at the Society of Behavioral Medicine Annual Meeting. Philadelphia, PA.
4. Aydin H, **Turner-McGrievy G**, Okpara N, Wilson MJ,\* Carswell J,\* Wilcox S, Friedman DB, Liese A. Perceptions of the three dietary patterns of the 2020-2025 United States Dietary Guidelines among African American adults after a 12-week type 2 diabetes risk reduction randomized intervention trial: A qualitative study. (September 2023) Poster presented at the ESPEN Clinical Nutrition & Metabolism Congress. Lyon, France.
5. Bernhart JA, **Turner-McGrievy GM**, Sentman C, Wilson M,\* Clemons B. Implementing a Plant-based Nutrition Program through a Restaurant Partnership and Community Health Worker. (September 2022) Accepted as an oral presentation at the Scientific Retreat on Dissemination and Implementation (D&I) Science. Medical University of South Carolina. Columbia, SC.
6. Okpara N, Aydin H, **Turner-McGrievy G**. Behavioral health interventions that target improvement of self-compassion: A narrative review. (April 2022) Poster presented at the Society of Behavioral Medicine Annual Meeting. Baltimore, MD.
7. Bernhart JA, Fellers A, Quattlebaum M, Eustis S, Okpara N, Wilson MJ,\* Hutto B, Bailey S, **Turner-McGrievy GM**. "It's gonna be okay" – COVID-19 effects on mental and physical health in African Americans: a mixed methods study. (April 2022) Poster presented at the Society of Behavioral Medicine Annual Meeting. Baltimore, MD.
8. Okpara N, Chauvenet C, Grich K, **Turner-McGrievy GM**. "Food Doesn't Have Power Over Me Anymore!" The Role of Self-Efficacy in Determining Motivation and Dietary Adherence. (April 2021) Research spotlight at the Society of Behavioral Medicine Annual Meeting. **Winner, Most Viewed Spotlight Presentation Award**. Virtual.
9. Wilson MJ,\* **Turner-McGrievy GM**, Bailey S, Bernhart J. Conducting Clinical assessments for the NEW Soul Study during COVID-19. (April 2021) Research spotlight at the Society of Behavioral Medicine Annual Meeting. Virtual.
10. Bernhart JA, **Turner-McGrievy GM**, Eustis S, Wilson M,\* Hutto B, Wilcox S, Frongillo E, Murphy EA. Sensor-measured physical activity is associated with decreased cardiovascular disease risk in African Americans. (April 2021) Research spotlight at the Society of Behavioral Medicine Annual Meeting. Virtual.
11. Bernhart JA, **Turner-McGrievy GM**, Eustis S, Wilson M,\* Hutto B, Wilcox S. Comparing the IPAQ-SF and Accelerometer in African Americans Participating in a Weight Loss Trial. (April 2021) Research spotlight at the Society of Behavioral Medicine Annual Meeting.
12. Crimarco A, **Turner-McGrievy GM**, Wilson M.\* Association of Physical Functioning and Mental Well-being with Adiposity in a Dietary Intervention. (March 2019) Poster presented at the Nutrition Symposium, Columbia, SC.

13. Horton Dias C, Crimarco A, **Turner-McGrievy G**. African American Adults' Perceived Benefits and Barriers to a Vegan Diet in a Short-term Dietary Intervention. (March 2019) Poster presented at the American Academy of Health Behavior: Annual Scientific Meeting, Greenville, SC.
14. Dunn CG, Wilcox S, Bernhart JA, Blake CE, Kaczynski AT, **Turner-McGrievy GM**. Church leaders' views of health promotion efforts for children and youth. (March 2019) Poster presented at the Society of Behavioral Medicine, Washington D.C.
15. Dunn CG, **Turner-McGrievy GM**, Wilcox S, Regan E, Kaczynski AT, Blake CE. An ecologically-based health intervention in churches presents opportunities to improve children's health behaviors. (March 2019) Poster presented at the Society of Behavioral Medicine, Washington D.C.
16. Boutté AK, **Turner-McGrievy GM**, Wilcox S, Liu J, Eberth JM, Kaczynski AT. Healthy food density is associated with diet quality among racially-diverse overweight/obese pregnant women in South Carolina. (March 2019) Poster presented at the Society of Behavioral Medicine, Washington D.C.
17. Crimarco A, **Turner-McGrievy GM**, Wilson M.\* Association of Physical Functioning and Mental Well-being with Adiposity in a Dietary Intervention. (November 2018) Poster presentation delivered at annual conference of the Obesity Society, Nashville, TN.
18. Byrd D, Dunn CG, Boutte A, **Turner-McGrievy GM**. A Qualitative Examination of Experiences using mHealth/eHealth for Weight Loss. (April, 2018). Poster presentation delivered at the South Carolina Academy of Nutrition and Dietetics meeting, Columbia, SC.
19. Crimarco A, **Turner-McGrievy GM**, Wilcox S, Boutte A, Muth ER, Hoover A. Association of psychosocial and information processing variables with weight loss in a 6-month behavioral health intervention. (April, 2018). Poster presentation delivered at the Society of Behavioral Medicine meeting, New Orleans, LA.
20. Dahl AA, **Turner-McGrievy G**, Wilcox S, Liu J, Davis R. Healthy MoM2B: Baseline features of pregnant women participating in a mobile health study targeting gestational weight gain. (April, 2018). Poster presentation delivered at the Society of Behavioral Medicine meeting, New Orleans, LA.
21. Dahl AA, Wende M, **Turner-McGrievy G**, Qiao S, Wilcox S, Liu J, Davis R. Integration of technology in lifestyle interventions focused on weight gain during pregnancy: A systematic review. (April, 2018). Oral presentation delivered at the Society of Behavioral Medicine meeting, New Orleans, LA.
22. Dunn CG, **Turner-McGrievy GM**, Byrd D, Wilcox S. Dietary self-monitoring with new technology: Examining differences in weight loss using dietary self-monitoring mobile apps. (April, 2018). Oral presentation delivered at the Society of Behavioral Medicine annual meeting, New Orleans, LA. **Winner: Meritorious Student Abstract.**
23. Dunn CG, **Turner-McGrievy GM**, Byrd D, Boutté A, Muth E, Hoover A, Wilcox S. User feedback on three different mobile diet tracking methods used in behavioral weight loss interventions. (April, 2018). Poster presentation delivered at the Society of Behavioral Medicine annual meeting, New Orleans, LA.
24. Boutté AK, **Turner-McGrievy GM**, Wilcox S, Hutto B, Muth E, Hoover A. Equal diet quality between two mobile diet tracking devices in the DIET Mobile study: A remotely-delivered weight loss study. (April, 2018) Poster presentation delivered at the Society of Behavioral Medicine annual meeting, New Orleans, LA.

25. Dahl AA, Dunn C, Boutté A, Crimarco A, **Turner-McGrievy G**. Mobilizing mHealth for moms: A review of mobile apps for tracking gestational weight gain. (April, 2018). Oral presentation delivered at the Society of Behavioral Medicine annual meeting, New Orleans, LA.
26. Boutté AK, **Turner-McGrievy GM**, Wilcox S, Liu J, Eberth J, Kaczynski A. The association between stress, depressive symptoms, and diet quality in pregnancy: A narrative review. (February, 2018) Poster and oral presentation at the South Carolina Public Health Association Conference; Myrtle Beach, SC.
27. *Davey M*, **Turner-McGrievy G**, Huckaby A, Wilcox S, Frongillo E, Murphy A. Making traditional and popular soul food recipes more healthful while maintaining cultural relevance. Oral presentation, 7th International Congress on Vegetarian Nutrition (February, 2018), Loma Linda, CA.
28. Dahl AA, Cooper CB, Wilcox S, Liu J, Davis RE, **Turner-McGrievy G**. Tailoring the Development of an e-Health Intervention for Pregnant Women: Results from a Web-based Needs Assessment of Intervention Components. (2017, November) Poster presented at the annual conference of the American Public Health Association, Atlanta, GA. *Winner: Student award for best poster from the Public Health Education and Health Promotion section.*
29. Davidson CR, **Turner-McGrievy GM**, Messias DKH, Robillard AG, Friedman DB, Schwiesow J. Exploration of undergraduate campus ministry student attitudes towards sexuality and sexual health. (2017, November). Oral presentation delivered at the annual conference of the American Public Health Association, Atlanta, GA.
30. Dahl AA, **Turner-McGrievy GM**, Wilcox S, Liu J, and Davis RE. What (Pregnant) Women Want: Results from a Web-based Needs Assessment of Weight-Related Mobile App Motivations and Experiences of Pregnant Women in the U.S. (April 2017) Poster presentation delivered at the 38th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, San Diego, CA.
31. Jake-Schoffman DE, **Turner-McGrievy G**, Wilcox S, Hussey JR, Moore JB, Kaczynski AT. mFIT (Motivating Families with Interactive Technology) Study: A Randomized Pilot to Promote Physical Activity & Healthy Eating. (April 2017) Poster presentation delivered at the 38th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, San Diego, CA.
32. Davidson CR, Turner-McGrievy GM, Messias DKH, Friedman DB, Robillard AG. The role of campus ministry leaders in student mental health at a large public university in the Southeast United States. (November 2016). Oral presentation delivered at the 144th American Public Health Association Annual Meeting and Exposition, Denver, CO.
33. Dunn CG, Boutte A, Blake C, **Turner-McGrievy B**. A Qualitative Evaluation of Experiences Using eHealth for Weight Loss. (August 2016) Poster presentation at Society for Nutrition Education and Behavior, San Diego CA.
34. Boutte AK, **Turner-McGrievy GM**, Wilcox S, Hoover AW, Muth ER. Bite counter for weight loss? The usability of a bite-tracking device for improved dietary self-monitoring. (April 2016) Poster presentation at the 37th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, Washington, D.C.
35. Dahl AA, Hales SB, **Turner-McGrievy GM**. #Weightloss: Helpful or Harmful? Integrating Social Media into Weight Loss Interventions. (April 2016) Poster presentation at the 37th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, Washington, D.C.

36. Schoffman DE, **Turner-McGrievy G**, Wilcox S, Moore J, Hussey JR. All in the Family: Parent-Child Dynamics & Weight Loss During the mFIT (Motivating Families with Interactive Technology) Study. (2016, April) Oral presentation at the 37th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, Washington, D.C.
37. Davidson CR, **Turner-McGrievy GM**, Messias DKH, Friedman D., Robillard AG. Campus ministry leaders: Underutilized partners in promoting undergraduate health and wellbeing. (2016 February) Poster presentation delivered at South Carolina Public Health Association Annual Meeting.
38. Hales SB, Turner-McGrievy GM, Friex A, Wilcox S, Davis RE, Bell B, Huhns M, Valafar H. The Social Pounds Off Digitally (POD) App: Results from an RCT Using a Theory-Based, Social Support App. (2015, November). Poster presentation at The Obesity Society's Annual Conference. Los Angeles, CA.
39. Schoffman DE, **Turner-McGrievy G**, Wilcox S, Moore JB, Hussey JR. Parent Limit Setting is Associated with Child Sedentary Media Use and BMI Percentile: Baseline Results of the mFIT (Motivating Families with Interactive Technology) Study. (2015, November). Poster presentation at The Obesity Society's Annual Conference. Los Angeles, CA.
40. Davidson C, **Turner-McGrievy GM**, Messias DKH, Friedman DB, Robillard AG. Sex, dating, and faith at the University of South Carolina: Campus ministry sexual health communication. (2015, April). Oral presentation delivered at the Annual University of South Carolina Women's & Gender Studies Conference, University of South Carolina, Columbia, SC.
41. Schoffman DE, **Turner-McGrievy G**, Moore JB, Wilcox S, Hussey JR. Harnessing the Power of Mobile Technology for Family Obesity Prevention. (2015, April). Delivered as a rapid oral presentation at Graduate Student Day, University of South Carolina, Columbia, SC.
42. Schoffman DE, **Turner-McGrievy G**, Moore JB, Wilcox S. Promoting Social Support, Parent-Child Communication, and Physical Activity with Mobile Technology. (2015, April). Poster presentation at the 36th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, San Antonio, TX.
43. Schoffman DE, **Turner-McGrievy G**, Moore JB, Wilcox S. Mobile Technology Tools to Improve Physical Activity and Healthy Eating Among Families. (2014 November). Poster presentation at The Obesity Society's Annual Conference. Boston, MA.
44. Hales S, Davidson C, **Turner-McGrievy GM**. Varying social media message types differentially impacts engagement in a behavioral weight loss intervention. (September 2014). Poster presentation at the annual SEC Symposium Conference in Atlanta, GA.
45. Schoffman DE, **Turner-McGrievy G**, Moore JB, Wilcox S. A Pilot Study of Mobile Technology Tools to Improve Physical Activity and Healthy Eating Among Families. (September 2014). Poster presented at the SEC Symposium on Prevention of Obesity: Overcoming a 21<sup>st</sup> Century Public Health Challenge, Atlanta, GA. Finalist for Graduate Student Poster Award.
46. Schoffman DE, **Turner-McGrievy G**, Moore JB, Wilcox S. Investigating Mobile Technology Tools for Family Physical Activity and Healthy Eating—A Pilot Study. (April 2014). Oral presentation delivered at Graduate Student Day, University of South Carolina, Columbia, SC.
47. Schoffman DE, **Turner-McGrievy G**, Moore JB, Wilcox S. Testing iPhone Apps for Family Obesity Prevention—A Pilot Study. (March 2014). Poster presented at the Center

for Research in Nutrition and Health Disparities and Environment and Sustainability Program's 4<sup>th</sup> Annual Symposium, University of South Carolina, Columbia, SC.

48. Hales S, Turner-McGrievy GM, Baum A. Examining the nutritional impact of serving vegetarian meals to children attending preschool during implementation of new nutrition standards. (March 2014). Poster presentation at the annual American Academy of Health Behavior Conference in Charleston, SC.
49. Schoffman DE, Turner-McGrievy G, Jones SJ, Wilcox S. Mobile Apps for Pediatric Obesity Prevention: Just Fun and Games? (April 2013). Oral presentation delivered at Graduate Student Day, Univ. of South Carolina, Columbia, SC. Awarded the Room Award for top Oral Presentation, Midmorning Social and Behavioral Sciences Session.
50. Hales S, Turner-McGrievy G, Baum A. Examining nutrition standard changes in a childcare setting: Parental attitudes and nutrition content of menus. (May 2013). Poster presentation at the annual South Carolina Public Health Association Conference in Myrtle Beach, SC.
51. Schoffman DE, Turner-McGrievy G, Jones SJ, Wilcox S. Mobile Apps for Pediatric Obesity Prevention: Just Fun and Games? (March 2013). Oral presentation delivered at the Center for Research in Nutrition and Health Disparities and Environment and Sustainability Program's 3rd Annual Symposium, Univ. of South Carolina, Columbia, SC.
52. Schoffman DE, Turner-McGrievy G, Jones SJ, Wilcox S. Mobile Apps for Pediatric Obesity Prevention: Just Fun and Games? (March 2013). *Ann Behav Med* 2013;45:S92. Paper presentation delivered at the 34<sup>th</sup> Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, San Francisco, CA.

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#### SERVICE—ACADEMIC

##### **Departmental activities**

- Scholarship and Awards committee, USC, 2014-present
  - Chair, 2018-present
- Planning committee, USC Nutrition Symposium 2012-2015, 2018-
- Curriculum committee, chair, USC, 2012-2014
- Doctoral admissions committee, USC, 2011-2012, 2020-2021
- Planning committee, UNC Doctoral Retreat, 2004-2006

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#### SERVICE—PROFESSIONAL

##### **Professional Affiliations**

- Member, Academy of Nutrition and Dietetics
  - Member of the Vegetarian Nutrition, Research, and Weight Management Dietetic Practice Groups
- Member, The Obesity Society
  - Founding steering committee member of the eHealth/mHealth Section and Chair from 2014-2015
  - Inducted as a Fellow of the Obesity Society, 2018
- Member, Society of Behavioral Medicine
  - Selected by Membership Council to serve as an SBM Champion, 2020
- Member, International Society of Behavioral Nutrition and Physical Activity
- Member, American Society of Nutrition

##### **Academic Affiliations**

- Affiliated Scholar, USC Nutrition Consortium
- Affiliated Scholar, USC Prevention Research Center

- Affiliated Scholar, USC Technology Center to Promote Healthy Lifestyles

### **Ad-hoc Journal Reviewer**

- American Journal of Clinical Nutrition
- American Journal of Medicine
- American Journal of Preventive Medicine
- Appetite
- Applied Physiology, Nutrition, and Metabolism
- Annals of Behavioral Medicine
- BMC Health Services Research
- BMJ Open
- BMJ Open Diabetes Research and Care
- Cases in Public Health Communications & Marketing
- Cochrane Systematic Review
- Computers in Human Behavior
- Contemporary Clinical Trials
- Diabetes Educator
- European Journal of Clinical Nutrition
- Health Education and Behavior
- Health Education Research
- Health Psychology
- Health Promotion Practice
- Heliyon
- Human Fertility
- IEEE Journal of Biomedical and Health Informatics
- International Journal of Behavioral Nutrition and Physical Activity
- International Journal of Disease Reversal and Prevention
- International Journal for Equity in Health
- Internet Interventions
- Journal of Behavioral Medicine
- Journal of the Academy of Nutrition and Dietetics (formerly *J Am Diet Assoc*)
  - *Outstanding reviewer status achieved, January 2018*
- Journal of the American Medical Association Network Open
- Journal of the American Medical Informatics Association
- Journal of General Internal Medicine
- Journal of Human Nutrition and Dietetics
- Journal of Medical Internet Research
- Journal of Medical Internet Research mHealth and uHealth
- Journal of Nutrition Education and Behavior
- Journal of Physical Activity and Health
- Journal of Public Health Management and Practice
- Journal of the American College of Nutrition
- Journal of Telemedicine and Telecare
- Molecular Nutrition and Food Research
- Obesity
- PLOS Medicine
- PLOS One
- Prevention Science
- Preventive Medicine Reports
- Public Health Nutrition
- Nutrients
- Nutrition
- Nutrition Journal
- Nutrition Research
- Nutrition Reviews
- Nutritional Neuroscience
- Social Science and Medicine
- Telematics and Informatics

- Translational Behavioral Medicine
  - *Recognized as one of the top reviewers of 2017*
- Trends in Food Science and Technology

#### **Conference Abstract Reviewer**

- American Academy of Health Behavior, 2017
- Obesity Week 2013 – 2023
- Society of Behavioral Medicine Annual Meeting 2016 – 2023
- South Carolina Academy of Nutrition and Dietetics 2014 – 2016
- Medicine 2.0 Congress 2013

#### **Conference steering committee and abstract reviewer**

- Wireless Health 2012 and 2013
- Southeastern Conference Symposium, Preventing Obesity, 2014

#### **Funding Agency Reviewer**

- National Institutes of Health, Human Studies of Diabetes and Obesity Study Section, 2022
- National Institutes of Health, Nutrition for Precision Health, powered by the All of Us Research Program: Clinical Centers, 2021
- National Institutes of Health, member conflict panel: Population Sciences and Epidemiology, 2021
- National Institutes of Health, National Institute on Aging: Special Emphasis Panel, ZAG1 ZIJ-U (M1), 2021
- National Institutes of Health, Small Business: Disease Prevention and Management, Risk Reduction and Health Behavior Change grant reviewer, 2019
- National Science Foundation, Computer & Information Science & Engineering grant reviewer, 2014-2018
- Baylor University, Collaborative Faculty Research Investment Program, 2016
- USC Undergraduate Student Magellan grant reviewer, 2015
- USC ASPIRE grant reviewer, 2015
- UNC Lineberger Comprehensive Cancer Center, Cancer Prevention and Control Interventions grant reviewer, 2014
- USC Graduate Student SPARC grant reviewer, 2013 and 2018

#### **Certifications and Licenses**

- Registered Dietitian, 2000 – Present