

## Education

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- 2013      Ph.D.      Physical Education Teacher Education  
University of South Carolina  
Dissertation: *An Intervention to Increase Staff Promotion of Healthy Eating and Physical Activity in Out-of-school-time-programs*  
Major Professor: Lynda Nilges-Charles Ph.D. and Collin Webster Ph.D.  
University of South Carolina
- 2009      M.Ed.      Health and Physical Education  
University of West Georgia  
GPA: 3.75/4.0  
Major Professor: Brent Heidorn Ph.D.
- 2006      B.S.      Sports Studies  
Emphasis: Sports Communication  
University of Georgia  
GPA: 3.3/4.0

## Professional Experience

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### Assistant Professor

Department of Exercise Science  
Arnold School of Public Health  
University of South Carolina, Columbia SC  
2016-Present

### Research Assistant Professor

Department of Exercise Science  
Arnold School of Public Health  
University of South Carolina, Columbia SC  
2014-2016

### Post Doctoral Fellow

Department of Exercise Science  
Arnold School of Public Health

University of South Carolina, Columbia SC  
2013-2014

Project Manager

NIH Grant# HL11278701A1  
Physical Activity and Nutrition Intervention in Afterschool Programs  
Department of Exercise Science  
University of South Carolina  
2012-2017

Project Manager

NIH Grant# HL10602002  
Policies to Influence Physical Activity and Nutrition in YMCA Programs  
Department of Exercise Science  
University of South Carolina  
2011-2012

## Teaching Experience

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Department of Exercise Science, University of South Carolina

- Measurement of Physical Activity and Sedentary Behaviors
- Research Methods and Design in Exercise Science
- Community-based Physical Activity Interventions
- Summer Field Study In Evaluation of Community-based Interventions

Department of Physical Education and Athletic Training, University of South Carolina

- Adaptive Physical Education
- Badminton/Golf
- Tennis
- Educational Games
- Instructional Aspects of Physical Education (teaching assistant)
- Instruction of Young Learners in Movement Settings (teaching assistant)
- Instruction in Secondary School Physical Education (teaching assistant)

Department of Health, Physical Education, and Sport Studies, University of West Georgia

- Educational Games, Gymnastics, Dance (teaching assistant)
- Skills & Strategies in Strength/Conditioning (teaching assistant)
- Ultimate Frisbee (teaching assistant)

- Tennis (teaching assistant)
- Softball (teaching assistant)

## External Funding

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Active	Title:	Interventions to Promote Healthy Lifestyle and Academic Performance in Children during the Summer Months
	Role:	Principal Investigator
	Dates:	2017-2019
	Funder:	NIH/NICHD (R21)
	Award:	\$275,000 in direct costs
	Title:	Policy to Practice: Statewide Rollout of YMCA Childhood Obesity Standards
	Role:	Co-Investigator (PI – Michael W. Beets)
	Dates:	2014 to 2018
	Funder:	NIH/NICHD (R01)
	Award:	\$2,711,754 in direct costs
	Title:	Turn Up the HEAT: Healthy Eating and Activity Time in Summer Day Camps
	Role:	Co-Investigator (PI – Michael W. Beets)
	Dates:	2014 to 2018
	Funder:	NIH/NICHD (R01)
	Award:	\$2,826,223 in direct costs
Completed	Title:	Physical Activity and Nutrition Intervention in Afterschool Programs
	Role:	Project Manager (PI – Michael W. Beets)
	Dates:	2012 to 2017
	Funder:	NIH/NHLBI (R01)
	Award:	\$2,682,891 in direct costs
	Title:	Policies to Influence Physical Activity and Nutrition in YMCA Programs
	Role:	Project Manager (PI – Michael W. Beets)
	Dates:	2011 to 2013
	Funder:	NIH/NHLBI (R21)
	Award:	\$275,000 in direct costs

## Manuscripts

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Note: Underlined authors are Master and PhD graduate students at the time of submission

- In Review
- 69 Webster, C.A., **Weaver, R.G.**, Egan, C., Brian, A., Vazou, S. (in review) Two-Year Process Evaluation of a Pilot Program to Increase Elementary Children's Physical Activity During School. *Evaluation and Program Planning*.
  - 68 Beets, M.W., Schisler, L., **Weaver, R.G.**, Turner-McGrievy, G.M., Hussey, J., Webster, C.A., Moore, J.B., Ward, D.S. (in review) Changes in foods and beverages served and consumed by youth in summer day camps: a nonrandomized controlled trial. *International Journal of Behavioral Nutrition and Physical Activity*.
  - 67 **Weaver, R.G.**, Webster, C.A., Beets, M.W., Brazendale, K., Schisler, L., Aziz, M. (in review) Final Outcomes of an Intervention to Increase Students' Physical Activity during the School Day: A two-year pilot study. *American Journal of Preventive Medicine*.
  - 66 **Weaver, R.G.**, Beets, M.W., Brazendale, K., Brusseau, T.A. (in review) Summer Weight Gain and Fitness Loss: Causes and Potential Solutions. *American Journal of Lifestyle Medicine*.
  - 65 Egan, C., Webster, C.A., **Weaver, R.G.**, Brian, A., Stodden, D., Russ, L., Nesbitt, D., Vazou, S. (in review) Partnerships for Active Children in Elementary Schools (PACES): First Year Process Evaluation. *Evaluation and Program Planning*.
  - 64 Fairclough, S.J., **Weaver, R.G.**, Johnson, S., Rawlinson, J. (in review). Validation of an observation tool to assess physical activity-promoting physical education lessons in secondary schools: SOFIT+. *Journal of Sciences and Medicine and Sports*.
  - 63 **Weaver, R.G.**, Beighle, A., Erwin, H., Whitfield, M., Beets, M.W., Hardin, J. (in review). Identifying and Quantifying the Unintended Variability in Common Systematic Observation Instruments to Measure Youth Physical Activity. *Journal of Physical Activity and Health*.
  - 62 Tilley, F., Beets, M.W., Turner-McGrievy, G.M., Moore, J.B., **Weaver, R.G.**, Schisler, L. (in review). Nutritional Quality of Snack Offerings in Afterschool Programs: A Comparison Between Child and Adult Care Food Program (CACFP) Eligibility and Enrollment Groups. *Journal of the Academy of Nutrition and Dietetics*.
  - 61 Chandler, J.L., Beets, M.W., Saint-Maurice, P., **Weaver, R.G.**, Cliff, D.P., Drenowatz, C., Moore, J.B., Sui, X., & Brazendale, K. (in review). Wrist-Based Accelerometer Counts during Sedentary Activities in 5-11 year olds. *Medicine & Science in Sports and Exercise*.
  - 60 Chandler, J.L., Beets, M.W., Drenowatz, C., Moore, J. B., Sui, X., **Weaver, R.G.**, Brazendale, K., Cliff, D.P., Rowlands, A. (in review) The Rosetta Stone for equating hip and wrist-based accelerometer derived estimates of physical activity among elementary aged youth. *Journal of Science and Medicine in Sport*.
  - 59 Campos, C.M.C., Cattuzzo, M., Stodden, D., **Weaver, R.G.** (in review) Contribution of organized sport participation to Health-Related Fitness in adolescents. *Journal of Sport Sciences*.

- 58 Brazendale, K., Beets, M.W., **Weaver, R.G.**, Turner-McGrievy B., Randel, A.B., Chandler, J.L., Moore, J.B., Huberty, J.L. & Brownson, R.C. (in review) The application of mHealth to monitor implementation of best practices to support healthy eating and physical activity. *Global Health Promotion*.
- In Press 57 **Weaver, R.G.**, Webster, C.W., Beets, M.W., Brazendale, K.B., Chandler, J.L., Schisler, L., Aziz, M. (in press). Initial Outcomes of a Participatory-Based, Competency Building Approach to Increasing Physical Education Teachers' Physical Activity Promotion and Students' Physical Activity: A pilot study. *Health Education & Behavior*.
- 56 Brazendale, K., Beets, M.W., **Weaver, R.G.**, Pate, R.R., Turner-McGrievy, G., Kaczynski, A.T., Chandler, J.C., & Bohnert, A. & von Hippel P. (in press) Understanding differences between summer vs. school obesogenic behaviors of children: The Structured Days Hypothesis. *International Journal of Behavioral Nutrition and Physical Activity*.
- 55 **Weaver, R.G.**, Webster, C.W., Egan, C.A., Campos, C.M.C., Michael, R.D., Vazou, S. (in press). Partnerships for Active Children in Elementary Schools: Outcomes of a Two-Year Pilot Study to Increase Physical Activity During the School Day. *American Journal of Health Promotion*.
- 54 **Weaver, R.G.**, Webster, C. A., Egan, C.A., Campos, C.M.C., Michael, R.D., Crimarco, A. (in press) Physical Education Outcomes After Four Months of a Two-Year Pilot Study to Increase Physical Activity During School. *Health Education Journal*.
- 53 Beets, M. W., **Weaver, R.G.**, Turner-McGrievy, B., Huberty, J., Moore, J. B., Ward, D. S., Freedman, D. A., & Beighle, A. (in press). Two Year Healthy Eating Outcomes: A Randomized Controlled Trial in Afterschool Programs. *American Journal of Preventive Medicine*.
- In Print
- 2017 52 Russ, L., Webster, C. A., Beets, M. W., Egan, C., **Weaver, R.G.**, Harvey, R., & Phillips, D.S. (2017) Development of the System for Observing Student Movement in Academic Routines and Transitions (SOSMART). *Health Education and Behavior*. 44(2) 304–315
- 51 Beets, M.W., **Weaver, R.G.**, Turner-McGrievy, G.M., Saunders, R., Webster, C.A., Moore, J.B., Brazendale, K., Chandler, J.L. (2017). Evaluation of a statewide dissemination and implementation of physical activity intervention in afterschool programs: A nonrandomized trial. *Translational Behavioral Medicine*.
- 50 **Weaver, R.G.**, Brazendale, K., Chandler, J.L., Turner-McGrievy, G.M., Moore, J.B., Huberty, J.L., Ward, D., Beets, M.W. (2017). First year Physical Activity Findings from Turn up the HEAT (Healthy Eating and Activity Time) in Summer Day Camps. *Plos One*. 12(3). e0123791.

- 49 Webster, C. A., Zarrett, N., Skiles-Cook, B., **Weaver, R.G.**, Egan, C. A., & Nesbitt, D. (2017) Movement Integration in Elementary Classrooms: Teacher Perceptions and Implications for Program Planning. *Evaluation and Program Planning*. 61, 134-143.
- 48 Mayfield, C.A., Child, S., Weaver, R.G., Zarrett, N., Beets, M.W., Moore, J.B. (2017) Effectiveness of a playground intervention for anti-social, pro-social, and physical activity behaviors" for publication in the Journal of School Health. *Journal of School Health*. 87(5), 338-345.
- 47 de Paula Ravagnani, F.C., Coelho-Ravagnani, C.F., Brazendale, K.B., **Weaver, R.G.**, Beets, M.W. (2017) Application of the Rosetta Stone to understand how much MVPA preschoolers accumulate: A systematic review. *Journal of Science and Medicine in Sport*.
- 46 Brazendale, K., Beets, M.W., **Weaver, R.G.**, Chandler, J.L., Brazendale, A.B., Turner-McGrievy, G.M., Moore, J.B., Huberty, J.L., & Ward, D.S. (2017) Children's moderate-to-vigorous physical activity attending summer day camps. *American Journal of Preventive Medicine*.
- 45 **Weaver, R.G.**, Moore, J. B., Turner-McGrievy, G., Saunders, R., Beighle, A., Khan, M., Chandler, J., Brazendale, K., Randel, A., Webster, C.A., Beets, M.W. (2017) Identifying Strategies Programs Adopt to Meet Healthy Eating and Physical Activity Standards in Afterschool Programs. *Health Education and Behavior*. 44(4), 536-547.
- 2016 44 Turner-McGrievy GM, Hales S, Schoffman DE, Valafar H, Brazendale K, **Weaver R.G.**, Beets MW, Wirth MD, Shivappa N, Mandes T, Hebert JR, Wilcox S, Hester A, McGrievy MJ. (2016) Choosing between responsive-design websites versus mobile apps for your mobile behavioral intervention: Presenting four case studies. *Translational Behavioral Medicine*.
- 43 Beets, M.W., Oakley, A., **Weaver, R.G.**, Webster, C.A., Lubans, D., Brusseau, T.A., Carson, R., Cliff, D. (2016) The Theory of Expanded, Extended, and Enhanced Opportunities for Youth Physical Activity Promotion. *International Journal of Behavioral Nutrition and Physical Activity*. 13(1), 1-15.
- 42 Beets, M.W., **Weaver, R.G.**, Turner-McGrievy B., Moore, J.B., Webster, C. A., Brazendale, K., Chandler, J.L., Khan, M., Saunders, R., Beighle, A. (2016). Are We There Yet? Compliance with Physical Activity Standards in YMCA Afterschool Programs. *Childhood Obesity*, 12(4), 237-246.
- 41 **Weaver, R.G.**, Moore, J. B., Huberty, J., Freedman, D. A., Turner-McGrievy, G., Beighle, A., Ward, D. S., Pate, R., Saunders, R., Brazendale, K., Chandler, J.L., Ajja, R., Kyryliuk, R., Beets, M. W. (2016) Process Evaluation of Making HEPA Policy Practice: A Group Randomized Trial. *Health Promotion Practice*, 17(5), 631-647.
- 40 **Weaver, R.G.**, Crimarco, A., Brusseau, T.A., Webster, C. A., Burns, R. D., Hannon, J. C. (2016) Accelerometry-Derived Physical Activity of First through Third Grade Children During the Segmented School Day. *Journal of School Health*, 86(10), 726-733.

- 39 Beets, M. W., Turner-McGrievy, G., **Weaver, R.G.**, Huberty, J., Moore, J. B., Ward, D. S., & Freedman, D. A. (2016). Intervention leads to improvements in the nutrient profile of snacks served in afterschool programs: A group randomized controlled trial. *Translational Behavioral Medicine: Practice, Policy and Research*, 6(3), 329-338.
- 38 Beets, M.W., **Weaver, R.G.**, Turner-McGrievy, G., Beighle, A., Moore, J.B., Webster, C.A., Khan, M., Saunders, R. (2016) Compliance with the Healthy Eating Standards in YMCA After-School Programs. *Journal of Nutrition Education and Behavior*, 48(8), 555-562.
- 37 Beets, M. W., **Weaver, R.G.**, Turner-McGrievy, G., Huberty, J., Ward, D. S., Pate, R. R., ... & Chandler, J. (2016). Physical activity outcomes in afterschool programs: A group randomized controlled trial. *Preventive Medicine*, 90, 207-215.
- 36 **Weaver, R.G.**, Webster, C.A., Erwin, H., Beighle, A., Beets, M.W., Choukroun, H., Kaysing, N., (2016). Modifying the System for Observing Fitness Instruction Time to Measure Teacher Competencies Related to Physical Activity Promotion: SOFIT+. *Measurement in Physical Education and Exercise Science*. 20(2), 121-130.
- 35 **Weaver, R.G.**, Beets, M.W., Beighle, A., Webster, C., Huberty, J., Moore, J. (2016). Strategies to Increase Afterschool Program Staff Skills to Promote Healthy Eating and Physical Activity. *Health Promotion Practice*. 17(1), 88-97.
- 34 Heidorn, B., **Weaver, R.G.**, Beighle, A. (2016) Physical Activity AND Physical Education: A Combined Approach. *Journal of Physical Education, Recreation, and Dance*. 87(4), 6-7.
- 33 Brazendale, K., Beets, M. W., Bornstein, D. B., Moore, J. B., Pate, R. R., **Weaver, R.G.**, ... & Cardon, G. (2016). Equating accelerometer estimates among youth: The Rosetta Stone 2. *Journal of Science and Medicine in Sport*, 19(3), 242-249.
- 2015 32 Brazendale, K., Beets, M.W., **Weaver, R.G.**, Huberty, J.L., Pate, R.R., & Beighle, A. (2015). Wasting our time? Allocation versus accumulated physical activity in afterschool programs. *Journal of Physical Activity and Health*. 12(8). 1061-1065.
- 31 Beets, M. W., **Weaver, R.G.**, Turner-McGrievy, G., Huberty, J., Ward, D. S., Pate, R. R., Freedman, D., Hutto, B., Moore, J. B., Beighle, A. (2015). Making Policy Practice in Afterschool Programs: A Randomized Control Trial on Physical Activity Changes. *American Journal of Preventive Medicine*. 48(6), 694-706.
- 30 Webster, C.A., Buchan, H., Perreault, M., Doan, R., Doutis, P., & **Weaver, R.G.** (2015). An exploratory study of elementary classroom teachers' physical activity promotion from a social learning perspective. *Journal of Teaching in Physical Education*. 34(3), 474-495.
- 29 **Weaver, R.G.**, Hutto, B., Saunders, R., Moore, J. B., Turner-McGrievy, G., Huberty, J., Ward, D. S., Pate, R., Beighle, A., Freedman, D., Beets, M. W. (2015). Making Healthy Eating and Physical Activity Policy Practice: Process evaluation of a group randomized controlled intervention targeting healthy eating and physical activity in afterschool programs. *Health Education Research*. 30(6), 849-865.

- 28 Webster, C.A., Beets, M., **Weaver, R.G.**, Vazou, S., Russ, L. (2015) Rethinking recommendations for implementing Comprehensive School Physical Activity Programs: A partnership model. *Quest*.67(2), 185-202.
- 27 Beets, M.W., **Weaver, R.G.**, Moore, J.B., (2015). Understanding the real value of youth physical activity promotion. *Preventive Medicine*.72, 130-132.
- 26 Brazendale, K., Chandler, J.L., Beets, M.W., **Weaver, R.G.**, Beighle, A., Huberty, J.L., & Moore, J.B. (2015). Maximizing children's physical activity using the LET US Play principles. *Preventive Medicine*. 76, 14-19.
- 25 Beets, M. W., Shah, R., **Weaver, R.G.**, Huberty, J., Beighle, A., & Moore, J. B. (in press). Physical Activity in Afterschool Programs: Comparison to Physical Activity Policies. *Journal of Physical Activity & Health*. 12(1), 1-7.
- 24 **Weaver, R.G.**, Beets, M.W., Huberty, J., Freedman, D., Turner-McGrievy, G., Ward, D. (2015). Physical activity opportunities in afterschool programs. *Health Promotion Practice*. 16(3). 371-382.
- 23 Beets, M.W., **Weaver, R.G.**, Turner-McGrievy, G., Ward, D., Huberty, J., Freedman, D., (2015). Salty or Sweet? Nutritional quality, consumption, and cost of snacks served in afterschool programs. *American Journal of Preventive Medicine*. 85(2). 118-124.
- 22 Beets, M. W., **Weaver, R.G.**, Turner-McGrievy, G., Huberty, J., Ward, D. S., Freedman, D., Hutto, B., Moore, J. B., Beighle, A. (2015). Making healthy eating policy practice: A group randomized controlled trial on changes in snack quality, costs, and consumption in afterschool programs. *American Journal of Health Promotion*.
- 2014 21 Ajja, R., Clennin, M. N., **Weaver, R.G.**, Moore, J.B., Huberty, J. L., Ward, D. S., Pate, Russel R., Beets, M. W. (2014). Association of Environment and Policy Characteristics on Children's Moderate-to-Vigorous Physical Activity and Time Spent Sedentary in Afterschool Programs. *Preventive Medicine*. 69(S). S49-S54.
- 20 Beets, M. W., **Weaver, R.G.**, Turner-McGrievy, G., Huberty, J., Ward, D., Freedman, D. A., Pate, R. R., Beighle, A., & Moore, J. B. (2014). Making healthy eating and physical activity policy practice: the design and overview of a group randomized controlled trial in afterschool programs. *Contemporary Clinical Trials*. 38(2). 291-303.
- 19 Beets, M. W., Tiley, F., Kyrlyiuk, R., **Weaver, R.G.**, Moore, J. B., et al. (2014). Children select unhealthy choices when given a choice among snack offerings. *Journal of the Academy of Nutrition and Dietetics*. 114(9). 1440-1446.
- 18 Beets, M. W., Tiley, F., Turner-McGrievy, G., **Weaver, R.G.**, & Moore, J. B. (2014) Increasing fruit, vegetable, and water consumption in summer day camps - 3 year findings of the Healthy Lunchbox Challenge. *Health Education Research*. 29(5). 812-821.



- 17 **Weaver, R.G.**, Beets, M.W., Turner-McGrievy, G., Webster, C., Moore, J.B. (2014). The Effect of a Comprehensive Competency Based Professional Development Training on Children's Physical Activity and Staff Physical Activity Promotion in Summer Day Camps. *New Directions for Youth Development*. 2014(143). 57-78.
- 16 Hughey, S.M., **Weaver, R.G.**, Saunders, Ruth, Webster, Collin, Beets, M.W., (2014). Process Evaluation of an Intervention to Increase Child Activity Levels in Afterschool Programs. *Health Promotion and Practice*.45. 164-170.
- 15 Beets, M.W., Tiley, F., Turner-McGrievy, B., Jones, S., Saunders, R., **Weaver, R.G.** (2014). Community partnership to address snack quality and cost in afterschool programs: A pilot study. *Journal of School Health*. 84(8). 543-548.
- 14 Beets, M. W., **Weaver, R.G.**, Moore, J. B., Turner-McGrievy, G., Pate, R. R., Webster, C., & Beighle, A. (2014). From Policy to Practice: Strategies to Meet Physical Activity Standards in YMCA Afterschool Programs. *American Journal of Preventive Medicine*. 46(3). 281–288.
- 13 **Weaver, R.G.**, Beets, M.W., Webster, C., Beighle, A., Saunders, R., Pate, R. (2014). A Coordinated Comprehensive Professional Development Training's Effect on Summer Day Camp Staff Healthy Eating and Physical Activity Promoting Behaviors. *Journal of Physical Activity and Health*, 11(6). 1170-1178.
- 12 Tiley, F., **Weaver, R.G.**, Beets, M.W., & Turner-McGrievy, G. (2014). Healthy Eating in Summer Day Camps: The Healthy-Lunchbox-Challenge. *Journal of Nutrition Education and Behavior*. 46(2). 134-141.
- 11 **Weaver, R.G.**, Beets, M.W., Saunders, R., Webster, C., Beighle, A. (2014). A Comprehensive Professional Development Training's Effect on Afterschool Program Staff Behaviors to Promote Healthy Eating and Physical Activity. *Journal Public Health Management and Practice*, 20(4). E6-E14.
- 10 Beets, M. W., Tiley, F., **Weaver, R.G.**, Turner-McGrievy, G., Moore, J. B., & Webster, C. (2014). From policy to practice: Addressing snack quality, consumption, and price in afterschool programs. *Journal of Nutrition Education and Behavior*. 46(5). 384-389.
- 9 **Weaver, R.G.**, Beets, M., Webster, C., & Huberty, J. (2014). System for Observing Staff Promotion of Activity and Nutrition (SOSPAN). *Journal of Physical Activity & Health*. 11(1).
- 2013 8 Webster, C.A., Caputi, P., Perreault, M., Doan, R., Doutis, P., and **Weaver, R.G.** (2013). Elementary classroom teachers' adoption of physical activity promotion in the context of a statewide policy: An innovation diffusion and socio-ecologic perspective. *Journal of Teaching in Physical Education*.32, 419-440.
- 7 **Weaver, R.G.**, Beets, M.W., Webster, C. (2013). LET US Play: Maximizing Children's Physical Activity in Physical Education. *Strategies: A Journal for Physical and Sport Educators*.26(6), 33-37.

- 6 Beets, M. W., Huberty, J., Beighle, A., Moore, J. B., Webster, C., Ajja, R., & **Weaver, R.G.** (2013). Impact of Policy Environment Characteristics on Physical Activity and Sedentary Behaviors of Children Attending Afterschool Programs. *Health Education and Behavior*. 14, 228-237.
- 2012 5 Beets, M. W., **Weaver, R.G.**, Beighle, A., Webster, C., & Pate, R. R. (2012). How Physically Active are Children Attending Summer Day Camps. *Journal of Physical Activity and Health*. 850-855.
- 4 **Weaver, R.G.**, Beets, M.W., Webster, C., Beighle, A. Huberty, J. (2012) A conceptual model for training afterschool program staffers to promote physical activity and nutrition. *Journal of School Health*. 82(4),186-195.
- 3 Webster, C., Mîndrilă, D., **Weaver, R.G.** (2012). Affective Learning Profiles in Compulsory High School Physical Education: An Instructional Communication Perspective. *Journal of Teaching in Physical Education*, 32(1), 78 – 99.
- 2011 2 Webster, C. A., Mîndrilă, D., **Weaver, R.G.** (2011). The Influence of State Motivation, Content Relevance and Affective Learning on High School Students' Intentions to Utilize Class Content Following Completion of Compulsory Physical Education. *Journal of Teaching in Physical Education*, 30(3), 231-247.
- 1 Heidorn, B. & **Weaver, R.G.** (2011). The Ultimate unit in physical education. *Strategies: A Journal of Sport and Physical Educators*. 25(1). 16-22.

## Conference Presentations

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Note: Underlined authors are Master and PhD graduate students directly mentored

- In Review 53 Carson, R. L., Dauenhauer, B., Stoepker, P., Pulling Kuhn, A. C., von Klinggraeff, L., Mwandira, L., Capps, M., & **Weaver, R.G.** (2018, April). Classroom teacher behavior and student activity outcomes from CSPAP data-coaching. In C. A. Webster (Chair), Studies illustrating theoretical/conceptual contributions to the CSPAP knowledge base. Research council symposium submitted for presentation at the annual meeting of the Society of Health and Physical Educators (SHAPE) America, Nashville, TN.
- 52 Webster, C.A., **Weaver, R.G.**, Egan, C., Brian, A., Russ, L., Vazou, S., Two-Year Process Evaluation of an Elementary Classroom Movement Integration Program. In C. A. Webster (Chair), Studies illustrating theoretical/conceptual contributions to the CSPAP knowledge base. Research council symposium submitted for presentation at the annual meeting of the Society of Health and Physical Educators (SHAPE) America, Nashville, TN.
- 51 **Weaver, R.G.**, Fairclough, S.J. (March, 2018) Assessing physical activity promoting practices in secondary physical education: SOFIT+. Abstract in review for the annual meeting of the Society of Health and Physical Educators, Nashville, TN.

- 50 **Weaver, R.G.**, Webster, C.A., Beets, M.W., Brazendale, K., Chandler, J., Schisler, L., Aziz, M. (November, 2017). Intervention to Increase Physical Activity During Physical Education: A pilot. Abstract in review for the annual meeting of the Society of Health and Physical Educators, Nashville, TN.
- 2017 49 Moore, J.B., Singletary, C.R., **Weaver, R.G.**, Chandler, J., Beets, M.W., Carson, R.L., Pate, R.R., Saunders, R.P. (November, 2017). Impact of a tailored implementation of comprehensive school physical activity programs in elementary schools: Be a Champion! Abstract presented at the annual meeting of the American Public Health Association, Atlanta, GA.
- 48 Brazendale, K., Beets, M.W., Pate, R.R., Turner-McGrievy, G.M., Kaczynski, A.T., **Weaver, R.G.**, Bohnert, A. (June, 2017). Comparison of Children's Obesogenic Behaviors During Summer versus School. Abstract presented at the annual meeting of the International Society of Behavioral Nutrition and Physical Activity, Victoria, British Columbia, Canada.
- 47 Beets, M.W., **Weaver, R.G.**, Turner-McGrievy, G.M., Huberty, J., Moore, J.B., Khan, M.M., Ward, D.S. (June, 2017). Economic evaluation of a group randomized controlled trial on healthy eating and physical activity in afterschool programs. Abstract presented at the annual meeting of the International Society of Behavioral Nutrition and Physical Activity, Victoria, British Columbia, Canada.
- 46 **Weaver, R.G.**, Beets, M.W., Hardin, J., Beighle, A., Erwin, H., Whitfield, M. (June, 2017). Measuring the unintended variability in activity estimates when using direct observation. Abstract presented at the annual meeting of the International Society of Behavioral Nutrition and Physical Activity, Victoria, British Columbia, Canada.
- 45 **Weaver, R.G.**, Brazendale, K., Chandler, J.L., Turner-McGrievy, G.M., Moore, J.B., Huberty, J.L., Hussey, J., Ward, D.S., Beets, M.W. (June, 2017). Turn Up the HEAT (Healthy Eating and Physical Activity) in Summer Day Camps: First Year Physical Activity Outcomes. Abstract presented at the annual meeting of the International Society of Behavioral Nutrition and Physical Activity, Victoria, British Columbia, Canada.
- 44 Peluso, A.G., Moore, J.B., Beets, M.W., Singletary, C.R., **Weaver, R.G.**, Webster, C.A. (February, 2017). Implementation and Evaluation of Classroom Activity Breaks to Increase Physical Activity in Youth: Be A Champion! Abstract presented at the annual meeting of Southeast American College of Sports Medicine, Greenville, SC.
- 43 Egan, C.A., Webster, C.A., **Weaver, R.G.**, Stodden, D., Russ, L., Brian, A., & Stewart, G. (March, 2017). Case Study of a School-University Partnership to Grow a CSPAP. Abstract presented at the annual meeting of the Society of Health and Physical Educators, Boston, MA.
- 42 Egan, C.A., Webster, C.A., **Weaver, R.G.**, Stodden, D.F., Brian, A., Russ, L.B., Nesbitt, D., & Michael, R.D. (March, 2017). Differences in Classroom Teachers' Responses to a Movement Integration Intervention. Abstract presented at the annual meeting of the Society of Health and Physical Educators, Boston, MA.

- 41 Webster, C.A., **Weaver, R.G.**, Egan, C.A., Vazou, S., Michael, R.D., Choukroun, H., & Kaysing, N. (March, 2017). Partnerships for Active Children in Elementary Schools: First Year Results. Abstract presented at the annual meeting of the Society of Health and Physical Educators, Boston, MA.
- 2016 40 Moore J.B., Singletary C.R., Beets M.W., **Weaver R.G.**, Carson R.L. (December, 2016) Tailored implementation of comprehensive school physical activity programs in elementary schools: Be a Champion! 9th Annual Conference on the Science of Dissemination and Implementation, Washington, DC.
- 39 **Weaver, R.G.**, Webster, C.A., Erwin, H., Beighle, A., Beets, M.W., Choukroun, H., Kaysing, N. (2016, April). SOFIT+: An Expanded System to Capture PE-Based Physical Activity Promotion. Abstract presented at the annual meeting of the Society of Health and Physical Educators, Minneapolis, MN.
- 38 **Weaver, R.G.**, Bontrager, A. (2016, April). *Applying the LET US Play Principles in Afterschool programs*. Presentation at the National Afterschool Association Annual Convention, Orlando, FL.
- 37 **Weaver, R.G.**, Huberty, J., Moore, J.B., Freedman, D., Turner-McGrievy, G., Beighle, A., Ward, D., Pate, R., Saunders, R., Beets, M.W. (2016, March) *Making Healthy Eating and Physical Activity Policy Practice: Process Evaluation of Group Randomized Controlled Trial*. Poster presented at the Active Living Research Conference, Clearwater, FL.
- 36 Randel, A., Brazendale, K., Sorensen, C., **Weaver, R.G.**, Moore, J., Beets, M., & Zarrett, N. *Increasing physical activity in youth with autism and other developmental disabilities in physical education*. (2016, March) Poster presented at the Active Living Research Conference, Clearwater, FL.
- 35 Randel, A., Brazendale, K., Crawford, T, Weaver, R. ZG., Beets, M. W., & Chandler, J. L. *Increasing physical activity in youth with autism and other developmental disabilities during summer camp*. (2016, February) Poster presented at Southeastern Chapter of the American College of Sports Medicine (SEACSM), Greenville, SC.
- 34 Brazendale, K., Beets M.W., **Weaver, R.G.**, Randel, A.R., Chandler, J.L., Turner-McGrievy, B. & Huberty J.L. (2016, March) *Healthy Eating and Physical Activity (HEPA) in Afterschool Programs: Identifying points of intervention using a mobile web app*. Presentation at the Active Living Research Conference, Clearwater, FL.
- 2015 33 Brazendale, K., Chandler, J.L., Beets, M.W., **Weaver, R.G.**, Beighle, A., Huberty, J.L., & Moore, J.B. (2015, March) *Breaking tradition: maximizing children's physical activity by modifying traditional games with the LET US Play principles*. Presentation at the Active Living Research Conference, San Diego, CA.
- 32 **Weaver, R.G.**, Hatcher, D. (2015, March). *LET US Play: Increasing Physical Activity*. Presentation at the National Afterschool Association Annual Convention, Washington, DC.

- 31 Ajja, R., **Weaver, R.G.**, Chandler, J., Tilley, F., Kyrlyiuk, B., Brazendale, K., Spearman, J., Mealing, B., Beets, M. W. (2015, March). *Measuring policy environment characteristics: Responsiveness to changes of the Healthy Afterschool Activity and Nutrition Documentation (HAAND) instrument*. Presentation at the Active Living Research Conference, San Diego, CA.
- 30 **Weaver, R.G.**, Huberty, J., Freedman, D, Turner-McGrievy, G., Beighle, A., Ward, D., Pate, R., Hutto, B., Saunders, R., and Beets, M.W. (2015, March). *Increasing Afterschool Program Staff Healthy Eating and Physical Activity Promotion*. Abstract presented at the annual meeting of the Society of Health and Physical Educators, Seattle, WA.
- 29 Mayfield, C.A., Child, S., **Weaver, R.G.**, Zarrett, N., Beets, M.W., Moore, J.B. (2015, March). *Feasibility, acceptability, and effectiveness of a playground intervention to decrease bullying behavior while increasing physical activity in elementary school children*. Presentation at the Active Living Research Conference, San Diego, CA.
- 28 **Weaver, R.G.**, Huberty, J., Freedman, D, Turner-McGrievy, G., Beighle, A., Ward, D., Pate, R., Hutto, B., Saunders, R., and Beets, M.W. (2015, March). *Process Evaluation of a Complex Policy Intervention: Targeting physical activity in afterschool programs*. Poster presented at the Active Living Research Conference, San Diego, CA.
- 2014 27 **Weaver, R.G.**, Ajja, R., Chandler, J., Tiley, F., Kyrlyiuk, B., Beets, M.W., Huberty, J., Turner-McGrievy, G., Ward, D.S., Freedman, D. (2014, November). *Are afterschool program environments supportive of children's moderate-to-vigorous physical activity?* Abstract presented at the annual meeting of the American Public Health Association, New Orleans, LA.
- 26 Kyrlyiuk, B., Hughey, M., **Weaver, R.G.**, Beets, M.W. (2014, May). *These Boots are Made for...Sitting? Associations of Girls' Clothing and Shoes with Physical Activity in After-School Programs*. Poster presented at the Annual Meeting of the American College of Sports Medicine. Orlando, FL.
- 25 Clennin, M., Ajja, R., **Weaver, R.G.**, Beets, M.W., (2014, March). *Association of After-school Programs Contextual Characteristics and Children's Moderate-to-Vigorous Physical Activity and Time Spent Sedentary*. Abstract presented at the Annual Active Living Research Conference. San Diego, CA.
- 24 Ajja, R., Clennin, M., Beets, M.W., Winnicka, D., Tiley, F., **Weaver, R.G.**, Chandler, J. (2014, March). *The impact of physical environment and policy characteristics on physical activity levels of children attending afterschool programs*. Abstract presented at the Annual Active Living Research Conference. San Diego, CA.
- 23 **Weaver, R.G.**, Beets, M.W., Webster, C., Beighle, A., Huberty, J., Tiley, F., Ajja, R., Winnicka, D., Chandler, J., Kyrlyiuk, B., (2014, April). *Health Promotion in Afterschool Programs: Two-Year Outcomes of an Intervention*. Poster presented at the annual meeting of the American Association for Health, Physical Education, Recreation, and Dance, St. Louis, MO.

- 22 **Weaver, R.G.**, Beets, M.W., Webster, C., Beighle, A., Winnicka, D., Chandler, J., Kyryliuk, B., Tiley, F., Ajja, R., (2014, April). *Strategies to Meet Physical Activity Standards in YMCA Afterschool Programs*. Poster presented at the annual meeting of the American Association for Health, Physical Education, Recreation, and Dance, St. Louis, MO.
- 2013 21 Winnicka, D., Hughey, M., Ajja R., Shah R., Tiley F., **Weaver R.G.**, Webster C.A, Beighle A.E., Pate R.R., Saunders R., Beets M.W. (2013, May). *A Comprehensive And Coordinated Approach To Increasing Children's Physical Activity In Afterschool Programs: A Pilot Study*. Poster presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN.
- 20 Gralla, M., **Weaver, R.G.**, Tiley, F., Shah, R., Hughey, M., Ajja, R., Winnicka, D., Beets, M.W. (2013, May). *The Effects of a Comprehensive Coordinated Intervention on Children's Activity in Summer Day Camps*. Poster presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN.
- 19 **Weaver, R.G.**, Tiley, F., Ajja, R., Shah, R., Winnicka, D., Hughey, M., Webster, C., Beighle, A., Pate, R., Saunders, R., Beets, M.W. (2013, April). *A competency-based professional development training's impact on physical activity promotion*. Poster presented at the annual meeting of the American Association for Health, Physical Education, Recreation, and Dance, Charlotte, NC.
- 18 Hughey, M., **Weaver, R.G.**, Tiley, F., Ajja, R., Shah, R., Winnicka, D., Webster, C., Beighle, A., Pate, R., Saunders, R., Beets, M.W. (2013, April). *A comprehensive-coordinated approach to increasing physical activity in afterschool programs*. Poster presented at the annual meeting of the American Association for Health, Physical Education, Recreation, and Dance, Charlotte, NC.
- 17 Ajja, R., Shah, R., Tiley, F., **Weaver, R.G.**, Winnicka, D., Hughey, M., Webster, C., Beighle, A., Pate, R., Saunders, R., Beets, M.W. (2013, April). *Impact of a community-based participatory initiative on children's pedometer-determined physical activity*. Poster presented at the annual meeting of the American Association for Health, Physical Education, Recreation, and Dance, Charlotte, NC.
- 2012 16 Shah, R., **Weaver, R.G.**, Tiley, F., Ajja, R., Rapp, A., Kim, Y., Huberty, J., Beighle, A., Beets, M.W., (2012, October). *Compliance with physical activity guidelines for afterschool programs*. Poster presented at the annual meeting of the American Public Health Association, San Francisco, CA.
- 15 Ajja, R., Shah, R., **Weaver, R.G.**, Tiley, F., Huberty, J., Kaczynski, A.T., Ward, D., Beets, M.W., (2012, October). *Development of the Healthy Afterschool Activity and Nutrition Documentation (HAAND) Instrument: An environmental quality rating scale*. Poster presented at the annual meeting of the American Public Health Association, San Francisco, CA.

- 14 **Weaver, R.G.**, Ajja, R., Shah, R., Tiley, F., Rapp, A., Webster, C., Huberty, J., Beighle, A., Beets, M.W., (2012, October). *Evaluation of out-of-school-time-program frontline-staff compliance with physical activity promotion policy guidelines*. Poster presented at the annual meeting of the American Public Health Association, San Francisco, CA.
- 13 Webster, C.A. Perrault, M., Doan, R., **Weaver, R.G.**, Doutis, P. (2012, October). Predicting Elementary Classroom Teachers' Physical Activity Promotion. Poster presented at the 2012 NASPE Conference on Physical Education Teacher Education (PETE), Las Vegas, NV.
- 12 Webster, C.A., Perrault, M., Doan, R., **Weaver, R.G.**, Distefano, C. (2012, March). *Elementary Classroom Teachers' Physical Activity Promotion: Two Theoretical Perspectives*. Poster presented at the annual meeting of the American Association for Health, Physical Education, Recreation, and Dance, Boston, MA.
- 11 **Weaver, R.G.**, Beets, M.W., Webster, C., Beighle, A., Huberty, J., Tiley, F., Ajja, R., Shah, R., Rapp, A. (2012, March). *Reliability and Validity of the System for Observing Staff Promotion of Activity and Nutrition (SOSPAN): Physical Activity Results*. Poster presented at the American Association of Physical Activity and Recreation's 12<sup>th</sup> Measurement and Evaluation Symposium "New Approaches in Measuring and Assessing Physical Activity" at the annual meeting of the American Association for Health, Physical Education, Recreation, and Dance, Boston, MA.
- 10 **Weaver, R.G.**, Beets, M.W., Huberty, J., Beighle, A., Webster, C., Kim, Y., Tiley, F., Wissing, S., Noiki, K., Ajja, R., Shah, R., Rapp, A. (2012, March). *Pedometer-determined Physical Activity Levels in Afterschool Programs*. Poster presented at the annual meeting of the American Association for Health, Physical Education, Recreation, and Dance, Boston, MA.
- 9 **Weaver, R.G.**, Beets, M.W., Webster, C., Huberty, J., Beighle, A., McKenzie, T. (2012, March). *Identification of Physical Activity and Nutrition Promoting Behaviors of Staff in the Afterschool Program Setting*. Poster presented at the annual meeting of the American Association for Health, Physical Education, Recreation, and Dance, Boston, MA.
- 8 Webster, Collin A., Mîndrilă, D., **Weaver, R.G.** (2012, March). *Biographical Factors Influencing Student Motivation, Content Relevance, and Affective Learning*. Poster presented at the annual meeting of the American Association for Health, Physical Education, Recreation, and Dance, Boston, MA
- 2011 7 **Weaver, R.G.**, Beets, M.W., Webster, C., Beighle, A., Huberty, J., (2011, April). *A conceptual model for training afterschool program staffers to promote physical activity and nutrition*. Poster presented at the 'Student works in progress' poster session at the annual meeting of the American Association for Health, Physical Education, Recreation, and Dance, Indianapolis, IN.

- 6 **Weaver, R.G.**, Mîndrilă, D., Webster, C.A. (2011, January). *Intentions to Utilize Knowledge and Skills Learned in Class Following Compulsory Physical Education: The Role of Motivation, Content Relevance and Affective Learning*. Poster presented at the annual meeting of the National Association of Kinesiology and Physical Education in Higher Education. Lake Buena Vista, FL.
- 2010 5 Webster, C. A., **Weaver, R.G.** (2010, October). *Differences in High School Students' Perceived Relevance of Compulsory Physical Education to Their Personal Lives*. Poster presented at the annual meeting of the International Association for Physical Education in Higher Education. A Coruna, Spain.
- 4 Jenkins, D. B., Heidorn, B., & **Weaver, R.G.** (2010 March). *Alternative approaches to student teacher supervision*. Paper presented at the annual meeting of the American Association for Health, Physical Education, Recreation, and Dance, Indianapolis, IN.
- 2008 3 Heidorn, B. & **Weaver, R.G.** (2008, November). Content development in physical education. Georgia Association for Health, Physical Education, Recreation & Dance. Savannah, GA.
- 2 Heidorn, B., Johns, A. & **Weaver, R.G.** (2008, January). Strategies for increasing physical activity in elementary schools. Sharing the Wealth Physical Education Conference. Jekyll Island, GA.
- 1 Mowling, C, Stewart, B. **Weaver, R.G.** Johns, A. (2008, January). Integrating Technology into physical education. Sharing the Wealth Physical Education Conference. Jekyll Island, GA.

## Invited Presentations

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- 2017 13 **Weaver, R.G.**, (2017, October). An Objective Perspective of Implementation: Peering into the "black box" of physical activity interventions for youth. Presentation at the University of Northern Colorado.
- 12 **Weaver, R.G.**, (2017, October). Collecting, managing, and analyzing data from randomized controlled, single group, intervention designs: a practical guide and helpful hints. Presentation at the University of Northern Colorado.
- 2016 11 **Weaver, R.G.**, Hatcher, D. (2016, November). *Applying the LET US Play Principles in Afterschool programs*. Presentation at the National Afterschool Association Annual Virtual Convention.
- 10 **Weaver, R.G.** (January, 2016). *Using the LET US Play Principles to Maximize Physical Activity*. Invited presentation at the YMCA Campfire Conference. Black Mountain, NC.
- 2015 9 **Weaver, R.G.** (January, 2015). *Freshening Up Old Games*. Invited presentation at the YMCA Campfire Conference. Black Mountain, NC.



- 8 Beets, M.W., **Weaver, R.G.** (January, 2015). *Road Map to Intentional Programming - Making Schedules*. Invited presentation at the YMCA Campfire Conference. Black Mountain, NC.
- 2014 7 **Weaver, R.G.** (November, 2014). *Getting Children Up and Active*. Invited presentation at the Oak Pointe Elementary School's Family Academy Night. Irmo, SC.
- 6 **Weaver, R.G.** (April, 2014). *Healthy Eating and Physical Activity in the Summertime*. Invited presentation at the YMCA of Central Florida's Summer Day Camp Training. Orlando, FL.
- 5 **Weaver, R.G.** (January, 2014). *Promoting Physical Activity in Summer Camps*. Invited presentation at the YMCA Campfire Conference. Black Mountain, NC.
- 2013 4 Beets, M.W., **Weaver, R.G.** (January, 2013). *Making Standards Standard Practice*. Invited presentation at the YMCA Campfire Conference. Black Mountain, NC.
- 2011 3 Dombek, M. K., Nilges-Charles, L., **Weaver, R.G.** (April, 2011). *Using children's literature as an impetus for physical activity*. Invited presentation at the EdVenture Children's Museum Family Night. Columbia, SC.
- 2010 2 **Weaver, R.G.** (2010, March). *Tips for successfully teaching volleyball in a secondary physical education setting*. Invited presentation at the Georgia Association for Health, Physical Education, Recreation, and Dance (GAHPERD) West District Workshop. Sponsored by the Department of Health, Physical Education, and Sport Studies, University of West Georgia, Carrollton, GA.
- 1 **Weaver, R.G.** (2010, March). *The Ultimate Unit in Physical Education*. Invited presentation at the Georgia Association for Health, Physical Education, Recreation, and Dance (GAHPERD) West District Workshop. Sponsored by the Department of Health, Physical Education, and Sport Studies, University of West Georgia, Carrollton, GA.

## Professional Memberships

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- American Camp Association
- National Afterschool Association
- Society of Health And Physical Educators (SHAPE) America
- American Public Health Association
- South Carolina Association for Health, Physical Education, Recreation and Dance

## Certifications

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- Graduate of the 2016 Centers for Disease Control Physical Activity in Public Health Research Course
- American Heart Association Adult First Aid

- American Heart Association Adult/Child CPR with Mask
- American Heart Association Adult/Child AED

## **Peer reviewer for journals**

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- Childhood Obesity
- Journal of School Health
- Journal of Public Health Management and Practice
- Journal of Health Disparities Research and Practice
- BMC Public Health

## Professional References

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