

Jennifer Lynn Gay

Department of Health Promotion and Behavior
College of Public Health
The University of Georgia

245E Wright Hall, 100 Foster Road
Athens, Georgia 30602, USA

Telephone: 706-542-6698 Fax: 706-542-4956 Email: jlgay@uga.edu

Website: <https://ctlsites.uga.edu/jennifer-gay/>

ACADEMIC HISTORY

Present rank: Associate Professor
Tenure status: Tenured
Graduate Faculty status: Appointed to Graduate Faculty August 12, 2011

Education

2008	University of South Carolina Columbia, SC	PhD, Health Promotion, Education, and Behavior
2002	University of Nevada, Las Vegas Las Vegas, NV	MS, Sport & Leisure Services
2001	University of South Carolina Columbia, SC	BA, English (with honors from the South Carolina Honors College)

Academic Positions

2017-present	<u>Associate Professor</u> , Department of Health Promotion and Behavior, College of Public Health, The University of Georgia, Athens, GA. <u>Adjunct</u> appointment in Department of Kinesiology, College of Education.
2011-2017	<u>Assistant Professor</u> , Department of Health Promotion and Behavior, College of Public Health, The University of Georgia, Athens, GA. <u>Adjunct</u> appointment in Department of Kinesiology, College of Education.
2011-2013	<u>Adjunct Assistant Professor</u> , Division of Health Promotion and Behavioral Sciences, University of Texas Health Science Center at Houston, School of Public Health
2008-2011	<u>Assistant Professor</u> , Division of Health Promotion and Behavioral Sciences, University of Texas Health Science Center at Houston, School of Public Health, Brownsville Regional Campus, Brownsville, TX
2009-2011	<u>Member</u> , Michael & Susan Dell Center for Health Living, University of Texas School of Public Health, Austin, TX
2008	<u>Graduate Research Assistant</u> , Department of Health Promotion, Education, and Behavior, University of South Carolina, Columbia, SC
2008 Spring, Fall	<u>Instructor</u> , Department of Health Promotion, Education, and Behavior, University of South Carolina, Columbia, SC
2006-2008	<u>Graduate Research Assistant</u> , South Carolina Educational Policy Center,

	University of South Carolina, Columbia, SC
2005-2006	<u>Research Specialist II</u> , Department of Health Promotion, Education, and Behavior, University of South Carolina, Columbia, SC
2001-2002	<u>Graduate Research Assistant</u> , Department of Sport & Leisure Services, University of Nevada, Las Vegas

Trainings and Certifications

2021	Certificate in Diversity and Inclusion, University of Georgia Office of Institutional Diversity
2021	Do-It-Yourself Geo Apps, ESRI
2020	Spatial Data Science: The Frontier in Analytics, ESRI
2020	Going Places with Spatial Analysis, ESRI

Assigned Work Load

	Instruction	Research	Service
Currently (9 month as of August 2011)	37.5%	33.8%	3.7%

INSTRUCTION

Courses Taught at UGA

College of Public Health, University of Georgia

Social Determinants of Inequalities in Health (HPRB 7160)	Spring 2012
Social & Behavioral Foundations of Public Health (HPRB 7010)	Spring 2012, 2013, 2014 Summer 2014-16, 2018-22, Fall 2014
Research Methods in Health Promotion (HPRB 7160; HPRB 7510)	Fall 2012, 2017-24 Spring 2019-24
Intervention and Evaluation of Health Promotion and Disease Prevention (HPRB 8430)	Spring 2013
Public Health, Physical Activity and Nutrition Interventions (HPRB/KINS/FDNS 7600)	Fall 2012-2018, 2020-23
Doctoral Seminar (HPRB 8990)	Fall 2015, Spring 2016, Fall 2017, Spring 2018

Other Instruction Experience

School of Public Health, University of Texas Health Science Center Houston

Introduction to Program Evaluation (PH1120)	Spring 2010,
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2011

Physical Activity Assessment in Individuals and Populations (PH 1498) Summer 2010

Arnold School of Public Health, University of South Carolina

University 101: The Student in the University May 2005
 Instructor Training, National Resource Center for the First-Year Experience

Teaching Assistant Training January 2006

Preparing Future Faculty (PFF) Certification Fall 2007
 Center for Teaching Excellence and the Graduate School

Instructor: Personal and Community Health (HPEB 321) Spring & Fall
 2007

Applied Aspects of Human Nutrition (HPEB 502) Spring 2008

Guest Lectures

26. Introduction to the PACE Lab. (September 8, 2025). Institute of Artificial Intelligence, University of Georgia, Athens, GA.

25. Specifications Grading – More Autonomy, Less Stress. (November 4, 2024). Future Faculty Fellows, Center for Teaching and Learning, University of Georgia, Athens, GA.

24. Trash Talk: Developing a Messaging Campaign to Promote Litter Cleanup with Physical Activity. (January 17, 2024). Department of Nutrition Seminar, University of Georgia, Athens, GA.

23. Introduction to Institutional Review Boards. (September 6, 2023). First Year Odyssey Seminar on research, University of Georgia, Athens, GA.

22. Specifications Grading – More Autonomy, Less Stress. (March 17, 2023). Future Faculty Fellows, Center for Teaching and Learning, University of Georgia, Athens, GA.

21. Working Hard or Hardly Working: The Importance of Occupational Physical Activity for Health. (Summer 2022). Health Policy and Management Doctor of Public Health Seminar, University of Georgia, Athens, GA.

20. Working Hard or Hardly Working: The Importance of Occupational Physical Activity for Health. (July 6, 2021). Health Policy and Management Doctor of Public Health Seminar, University of Georgia, Athens, GA.

19. Intervention Mapping. (February 13, 2020). Human Development and Family Sciences Seminar, University of Georgia, Athens, GA.

18. Illness and Death in the Jewish Religion. (January 28, 2020). Death and Dying, University of Georgia, Institute of Gerontology, Athens, GA.

17. Rethinking Spaces for Physical Activity: Importance of Occupation for Activity and Weight Management. (January 30, 2019). Department of Foods and Nutrition Research Seminar, University of Georgia, Athens, GA.

16. Using Theory in Behavior Change Interventions. (October 2, 2017). Community Health, University of Georgia Medical Partnership, Athens, GA.

15. Changing Health Behavior. (September 19, 2016). Community Health, University of Georgia Medical Partnership, Athens, GA.

14. Physical Activity and Chronic Disease Prevention. (February 3, 2016). Chronic Disease Prevention, University of Georgia, Athens, GA.
13. Physical Activity and Chronic Disease Prevention. (February 3, 2016). Chronic Disease Prevention, University of Georgia, Athens, GA.
12. Promoting Physical Activity at the Community Level. (October 28, 2013). Introduction to Kinesiology, University of Georgia, Athens, GA.
11. Social Class, Privilege and Health Outcomes. (April 17, 2013). Seminar in Public Health, University of Georgia, Athens, GA.
10. Illness and Death in the Jewish Religion. (April 2, 2013). Death and Dying, University of Georgia, Institute of Gerontology, Athens, GA.
9. Changing Health Behaviors. (November 12, 2012). Community Health, University of Georgia Medical Partnership, Athens, GA.
8. Epidemiology of Obesity. (October 17, 2012). Chronic Disease Epidemiology, University of Georgia, Athens, GA.
7. Academic Job Search Process. (October 1, 2012). Health Promotion and Behavior Doctoral Seminar, University of Georgia, Athens, GA.
6. Exercise Science, Health Promotion, Sport Psychology, or All of the Above? (September 10, 2012). Kinesiology Doctoral Seminar, University of Georgia, Athens, GA.
5. Public Health Career Trajectory Discussion. (February 13, 2012). Health Promotion and Behavior 3020, University of Georgia, Athens, GA.
4. Latino Health on the US-Mexico Border. (November 28, 2011). Health Promotion and Behavior Doctoral Seminar, University of Georgia, Athens, GA.
3. Public Health Career Trajectory Discussion. (October 26, 2011). Health Promotion and Behavior 3020, University of Georgia, Athens, GA.
2. Developmental and Contextual Risk Factors of Social Physique Anxiety. (March 17, 2009). Health Promotion and Behavioral Sciences Research Seminar, University of Texas School of Public Health, Houston, TX.
1. Self-Determination Theory. (September 13, 2007). Psychology of Physical Activity, University of South Carolina, Columbia, SC.

SCHOLARLY ACTIVITIES

A. Publications

(*Mentored student co-author. **Invited)

I. Peer-Reviewed Journal Articles

74. Varpaei H, Buchholz S, Bhandari B, **Gay JL**, Carmignani K, Wang J, Kalyanaraman S, Sender J, Salinas J. (Accepted). Development and adaptation of bilingual health text message databases for health interventions in Hispanic communities: scoping review protocol. *JMIR Research Protocols*.
73. Salinas J, Lopez V, **Gay JL**, Buchholz S, Meza L, Juarez A, Robles EH, Sapargeldiyeva M, Parra-Medina D, & Yin Z. (Accepted). Beta testing study to evaluate usability and feasibility of the 50K4Life mobile application for delivering walking challenges to public school administrative employees, *JMIR Formative Research*. Preprint available at <http://preprints.jmir.org/preprint/80341>

72. Salinas JJ, Buchholz SW, Yin Z, **Gay JL**, Rajbhandari-Thapa J, Wilson MG, Finley E, & Mulla Z. (2026). 50K4Life: A SMART study protocol to improve walking engagement in public school employees on the US-Mexico border. *Contemporary Clinical Trials*, 161, 108211. <https://doi.org/10.1016/j.cct.2025.108211>
71. Liu J, Wang Y, & **Gay JL**. (2025). Promising campaign themes to promote active pro-environmental behaviors among U.S. coastal residents. *Environmental Communication*, 19(4), 663-687.
70. Weber Rawlins ML*, Welch Bacon CE, Tomporowski P, **Gay JL**, Bierema L, Schmidt JD. (2024). Masculinity, optimism bias, and perceived pressure from stakeholders influence on student-athlete concussion reporting intentions and behavior. *Journal of American College Health*, 72(8), 2441-47. First published online 2022. <https://doi.org/10.1080/07448481.2022.2115300>
69. **Gay JL** & Poproski R. (2023). Specifications grading for graduate students: motivated, less stressed, and achieving in public health. *Pedagogy in Health Promotion*, 9(4), 237-243. <https://doi.org/10.1177/23733799231198774>
68. Alkhoshi EE*, Rasheed KM, Arabnia HR, Maier FW, **Gay JL**. (2022). Comparison of machine learning methods for human activity recognition using pseudo-free-living data. In the *Proceedings of the 2022 International Conference on Computational Science and Computational Intelligence (CSCI)*, Las Vegas, NV, USA, 140-6. doi: 10.1109/CSCI58124.2022.00029
67. Carmichael KE*, O'Connor PJ, **Gay JL**. (2022). Stair walking effects on feelings of energy and fatigue: is 4-minutes enough for benefits? *Frontiers in Psychology*, 13, 895446. doi:10.3389/fpsyg.2022.895446
66. Salinas, J, Valenzuela R, Sheen J, Carlyle M, **Gay JL**, Morales A. (2022). An ORBIT phase 1: design study of a citywide employer-based walking challenges in a predominantly Mexican American metropolitan area. *Journal of Health Psychology*, 27(4),961-73. <https://doi.org/10.1177%2F1359105320977650>
65. Smith AB*, **Gay JL**, Monsma E, Arent S, Sarzynski M, Emerson D, & Torres-McGehee T. (2022). Investigation of eating disorder risk and body image dissatisfaction among female competitive cheerleaders. *International Journal of Environmental Research and Public Health*, 19(4), 2196. <https://doi.org/10.3390/ijerph19042196>
64. **Gay JL**, Cherof SA*, LaFlamme CC*, & O'Connor PJ. (2022). Psychological aspects of stair use: a systematic review. *American Journal of Lifestyle Medicine*, 16(1), 109-21. <https://doi.org/10.1177/1559827619870104>
63. Smith AB*, **Gay J**, Arent S, Sarzynski M, Emerson D, & Torres-McGehee T. (2022). Examination of the prevalence of female athlete triad components among competitive cheerleaders. *International Journal of Environmental Research and Public Health*, 19, 1375. <https://doi.org/10.3390/ijerph19031375>
62. **Gay JL** & Buchner DM. (2022). Twelve-month stability of accelerometer-measured occupational and leisure-time physical activity and compensation effects. *Journal for the Measurement of Physical Behaviour*. <https://doi.org/10.1123/jmpb.2021-0010>
61. Saadiq S, Valenzuela R, Wang J, Yin Z, Parra-Medina D, **Gay J**, Salinas JJ. (2021). Walking engagement in Mexican Americans who participated in a community-wide step challenge in El Paso, TX. *International Journal of Environmental Research and Public Health*, 18(23). <https://doi.org/10.3390/ijerph182312738>
60. **Gay JL**, Carmichael KE*, LaFlamme CC*, O'Connor PJ. (2021). Novel use of radio frequency identification (RFID) provides a valid measure of indoor stair-based physical activity. *Applied Ergonomics*, 95. <https://doi.org/10.1016/j.apergo.2021.103431>

59. Wolff M*, O'Connor P, Wilson M, **Gay JL**. (2021). Associations between occupational and leisure-time physical activity with employee stress, burnout and well-being among a national sample of healthcare industry workers. *American Journal of Health Promotion*, 35(7), 957-965. <https://doi.org/10.1177/08901171211011372>
58. Wolff M*, O'Connor P, Wilson M, **Gay JL**. (2021). Differences in work and non-work support associations with job stress, burnout and well-being between types of healthcare workers. *Journal of Occupational and Environmental Medicine*, 63(3), e145-e152.
57. Tahir A, Martinez PJ, Ahmad F, Fisher-Hoch SP, McCormick J, **Gay JL**, Mirza S, Chaudhary SU. (2021). An evaluation of lipid profile and pro-inflammatory cytokines as determinants of cardiovascular disease in those with diabetes: A study on a Mexican American cohort. *Scientific Reports*, 11(1), 1-12.
56. Weber Rawlins ML*, Welch Bacon CE, Tomporowski P, **Gay JL**, Bierema L, Schmidt JD. (2021). A qualitative analysis of concussion reporting behavior in collegiate student-athletes with a sport-related concussion history. *Journal of Athletic Training*, 56(1), 92-100.
55. Weber Rawlins ML*, Welch Bacon CE, Tomporowski P, **Gay J**, Bierema L, & Schmidt JD. (2020). Using the health belief model to predict concussion reporting intentions and behavior. *Brain Injury*, 34(12), 16455-16465. <https://doi.org/10.1080/02699052.2020.1831069>
54. **Gay JL** & Buchner DM. (2020). Associations between office location and adiposity in office workers. *Journal of Occupational and Environmental Medicine*, 62(10), 871-73.
53. Prizer LP*, **Gay JL**, Perkins M, Wilson M, Emerson K, Glass A, & Miyasaki J. (2020). A mixed-methods approach to understanding the palliative needs of Parkinson's patients. *Journal of Applied Gerontology*, 39(8), 834-845.
52. **Gay JL**, Saunders RP, Rees-Punia E*, Dowda M, & van den Berg AE. (2019). Role of organizational support on implementation of an environmental change intervention to improve child fruit and vegetable intake. *Prevention Science*, 20(8), 1211-1218. <https://doi.org/10.1007/s11121-019-01043-z>
51. Reina A*, Monsma EV, Dumas M, & **Gay JL**. (2019). Body image and weight management among Hispanic American adolescents: differences by sport type. *Journal of Adolescence*, 74, 229-239. <https://doi.org/10.1016/j.adolescence.2019.06.014>
50. Rees-Punia E*, Evans EM, Schmidt MD, **Gay JL**, Matthews CE, Gapstur SM, & Patel AV. (2019). Reliability and validity of the cancer prevention study-3 physical activity surveys. *Journal for the Measurement of Physical Behaviour*, 2(3), 157-165.
49. Rees-Punia E*, Evans EM, Schmidt MD, **Gay JL**, Matthews CE, Gapstur SM, Patel AV. (2019). Mortality risk reductions for replacing sedentary time with physical activities. *American Journal of Preventive Medicine*, 56(5), 736-741.
48. **Gay JL**, Buchner DM, & Smith J. (2019). Occupational physical activity opposes obesity: a cross-sectional modern replication of the Morris 1953 London busmen study. *Journal of Occupational and Environmental Medicine*, 61(3), 177-182.
47. Wagner Robb S, Haslam A, Wirth MD, **Gay JL**, Middleton L, Healy M, Hebert JR. (2019). Relationship between meditation and waking salivary cortisol secretion among long-term MBSR. *Complementary Medicine Research*, 1-9.
46. Rees-Punia E*, Evans EM, Schmidt MD, **Gay JL**, Matthews CE, Gapstur SM, Patel AV. (2019). Demographic-specific validity of the cancer prevention study-3 sedentary time survey. *Medicine & Science in Sports & Exercise*, 51(1), 41-48.

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45. **Gay JL**, Buchner DM, Erickson ML*, & Lauture A*. (2018). Effect of short bouts of high intensity activity on glucose among adults with prediabetes: a pilot randomized crossover study. *Diabetes Research and Clinical Practice*, 141, 168-174.
44. Rees-Punia E*, Hathaway E*, & **Gay JL**. (2018). Crime, perceived safety, and physical activity: a meta-analysis. *Preventive Medicine*, 111, 307-313.
43. Wolff M*, **Gay JL**, Wilson M, DeJoy D, & Vandenberg R. (2018). Does organizational and co-worker support moderate diabetes risk among employees? *American Journal of Health Promotion*, 32(4), 959-962.
42. **Gay JL**, Monsma EV, & Hein K. (2018). Weight management behaviors among Mexican American youth: cross-sectional variation by timing of growth and maturation. *American Journal of Health Promotion*, 32(2), 392-399.
41. Corriero R*, **Gay JL**, Robb SW, & Wenders E*. (2018). HPV Uptake Pre- and Post-Affordable Care Act: Variation by Insurance Status, Race, and Education (NHANES 2006-2014). *Journal of Pediatric and Adolescent Gynecology*, 31, 23-27.
40. **Gay JL**, Buchner DM, Smith J, & He, C. (2017). An examination of compensation effects in accelerometer-measured occupational and non-occupational activity. *Preventive Medicine Reports*, 8, 55-59.
39. Erickson ML, Little JP, **Gay JL**, McCully KK, & Jenkins NT. (2017). Postmeal exercise blunts peak postprandial glucose excursions in people on metformin monotherapy. *Journal of Applied Physiology*, 123(2),444-450.
38. Erickson ML, Little JP, **Gay JL**, McCully KK, & Jenkins NT. (2017). Effects of postmeal exercise on postprandial glucose excursions in people with type 2 diabetes treated with add-on hypoglycemic agents. *Diabetes Research and Clinical Practice*, 126, 240-247.
37. Prizer LP*, **Gay JL**, Perkins M, Wilson M, Emerson K, Glass A, & Miyasaki J. (2017). Using social exchange theory to understand non-terminal palliative care referral practices for Parkinson's Disease patients. *Palliative Medicine*, 31(9),861-867.
36. Emerson KG & **Gay JL**. (2017) Physical activity and cardiovascular disease among older adults: the case of race/ethnicity. *Journal of Aging and Physical Activity*, 25(4), 505-509.
35. Niazi AH*, Yazdarsepas D*, **Gay JL**, Maier FW, Ramaswamy L, Rasheed K, & Buman MP. (2017). Statistical analysis of window sizes and sampling rates in human activity recognition. In *Proceedings of the 10th International Joint Conference on Biomedical Engineering Systems and Technologies, BIOSTEC 2017* (pp. 319-325).
34. Jashinsky J, **Gay J**, Hansen N, & Muilenburg J. (2017). Differences in TV Viewing and Computer Game Playing's Relationships with Physical Activity and Eating Behaviors among Adolescents: An NHANES Study. *American Journal of Health Education*, 48(1), 41-47.
33. Mota JF*, Reininger BM, **Gay JL**, Barroso CS, Meyer LD, Kohl III HW. (2017). Physical activity associated with age, sex, and seasonality among park users in an unincorporated community along the Texas-Mexico border. *Texas Public Health Journal*, 69(2), 24-28.
32. Niazi AH*, Yazdarsepas D*, **Gay JL**, Maier FW, Ramaswamy L, Rasheed K, & Buman MP. (2016). A hierarchical meta-classifier for human activity recognition. In *Proceedings - 2016 15th IEEE International Conference on Machine Learning and Applications, ICMLA 2016* (pp. 81-86). [7838126] Institute of Electrical and Electronics Engineers Inc.
31. Yasdarsepas D*, Niazi A*, **Gay JL**, Maier FW, Ramaswamy L, Rasheed K, & Buman MP. (2016). A multi-featured approach for wearable sensor-based human activity recognition. In *Proceedings of the*

2016 *IEEE International Conference on Healthcare Informatics*. (pp. 423-431). DOI 10.1109/ICHI.2016.81

30. Monsma EV, **Gay JL**, Torres-McGehee T. (2016). Body image, maturation and psychological functioning in college cheerleaders: A matter of position? *Translational Journal of the American College of Sports Medicine*, 1(8), 71-81.

29. **Gay JL**, Buchner DM, Schmidt MD. (2016). Dose-response association between physical activity and HbA1c: Examining intensity and bout length. *Preventive Medicine*, 86, 58-63.

28. **Gay JL**, Robb SW, Benson KM*, & White A*. (2016). Can the social vulnerability index be used for more than emergency preparedness? An examination using youth fitness data. *Journal of Physical Activity and Health*, 13(2), 121-130.

27. Reininger B, Mitchell-Bennett L, Lee M, Gowen RZ, Barroso C, **Gay JL** & Saldana MV. (2015). Tu Salud, ¡Si Cuenta!: Exposure to a community-wide campaign and its associations with physical activity and fruit and vegetable consumption among individuals of Mexican descent. *Social Science & Medicine*, 143, 98-106.

26. Shelnett SE*, **Gay JL** & Monsma EV. (2015). Substance use and body image amongst school-aged adolescents on the Texas/Mexico border. *Journal of Behavioral Health*, 4(2), 33-38. doi:10.5455/jbh.20150309112231.

25. Prizer LP*, **Gay JL**, Gerst-Emerson K, & Froehlich-Grobe K. (2015). The role of age in moderating the association between disability and light-intensity physical activity. *American Journal of Health Promotion*, 30(3), e101-e109.

24. **Gay JL**, Salinas JJ, Buchner DM, Mirza S, Kohl, III HW, Fisher-Hoch SP, & McCormick JB. (2015). Meeting physical activity guidelines is associated with lower allostatic load and inflammation in Mexican Americans. *Journal of Immigrant and Minority Health*, 17, 574-581. DOI 10.1007/s10903-013-9950-1.

23. **Gay JL** & Buchner DM. (2014). Ethnic disparities in objectively measured physical activity may be due to occupational activity. *Preventive Medicine*, 63, 58-62.

22. **Gay JL**, Monsma EV, Smith AL, DeFreese JD*, & Torres-McGehee, T. (2014). Assessment of growth and maturation in female athletes at a single point in time. *Women in Sport and Physical Activity*, 22, 76-82.

21. Dortch K*, **Gay J**, Springer A, Kohl III HW, Sharma S, Saxton D & Hoelscher D. (2014). The association between sport participation and dietary behaviors among 4th graders in the school physical activity and nutrition survey, 2009-2010. *American Journal of Health Promotion*, 29(2), 99-106.

20. **Gay JL**, Kohl, III HW, Trevarthen G*, Salinas JJ, McCormick JB, & Fisher-Hoch SP. (2014). Contribution of occupation to high doses of light-intensity activity and cardiovascular risk among Mexican American adults. *Journal of Physical Activity and Health*, 11, 1342-1349.

19. Salinas JJ, Shah M*, **Gay J**, Sexton K, & Hoelscher D. (2013). Socioeconomic and cultural community factors associated with obesity in Mexican American fourth grade children in Texas. *Journal of Applied Research on Children*, 4(2). <http://digitalcommons.library.tmc.edu/childrenatrisk/vol4/iss2/7/>

18. Monsma EV, **Gay JL**, & Torres-McGehee T. (2013). Physique-related perceptions and biological correlates of eating disorder risk among female collegiate equestrians. *Journal of Athletic Enhancement*, 2(2). doi:10.4172/2324-9080.1000107

17. **Gay JL** & Trevarthen G.* (2013). Location, timing, and social structure patterns related to physical activity participation in weight loss programs. *Health Education and Behavior*, 40(1), 24-31.

16. Salinas J, Shah M*, Abdelbary B*, **Gay J**, & Sexton K. (2012). Application of a novel method for assessing cumulative risk burden by county. *International Journal of Environmental Research and Public Health*, 9, 1820-35.
15. Salinas, JJ, Rocha E*, Abdelbary B*, **Gay JL**, & Sexton K. (2012). Impact of Hispanic ethnic concentration and socioeconomic status on obesity prevalence in Texas counties. *International Journal of Environmental Research and Public Health*, 9, 1201-1215.
14. Mirza S, Hossain M, Mathews C*, Martinez P, **Gay JL**, Pino P, Rentfro A, McCormick JB, & Fisher-Hoch S. (2012). Type 2 diabetes mellitus is associated with elevated levels of TNF-alpha, IL-6 and adiponectin and low levels of leptin in a population of Mexican Americans: A cross-sectional study. *Cytokine*, 57(1), 136-142.
13. **Gay JL**, Saunders RP, Dowda, M. (2011). The relationship of physical activity and the built environment within the context of self-determination theory. *Annals of Behavioral Medicine*, 42(2), 188-196.
12. Torres-McGehee T, Monsma EV, **Gay JL**, Minton DM*, & Mady-Foster AN*. (2011). Prevalence of eating disorder risk and body image distortion among NCAA Division I varsity equestrian athletes. *Journal of Athletic Training*, 46(4), 431-437.
11. **Pate RR, **Gay JL**, Brown DR & Pratt M. (2011). Building capacity in physical activity and public health. *Journal of Physical Activity and Health*, 8(Supp), S149-150.
10. Bautista L*, Reininger B, **Gay JL**, Barroso CS, & McCormick JB. (2011). Perceived Barriers to Exercise in Hispanic Adults by Level of Activity. *Journal of Physical Activity and Health*, 8(7), 916-925.
9. **Gay JL**, Dowda M, Saunders RP, & Evans A. (2011). Environmental determinants of children's physical activity in residential children's homes. *Journal of Physical Activity and Health*, 8(5), 636-644.
8. **Gay JL**, Monsma EV, & Torres-McGehee T. (2011). Developmental and contextual risks of social physique anxiety among female athletes. *Research Quarterly for Exercise and Sport*, 82(2), 168-177. (note: joint first authorship)
7. Wilson JG, Ballou J*, Yan C*, Fisher-Hoch SP, Reininger B, **Gay J**, Salinas J, Sanchez P, Salinas Y, Calvillo F, Lopez L, deLima IP, & McCormick JB. (2010). Utilizing spatiotemporal analysis of influenza-like illness and rapid tests to focus swine-origin influenza virus intervention. *Health & Place*, 16(6), 1230-1239. PMID: PMC2998411
6. **Gay JL**, Evenson KR, & Smith J. (2010). Developing measures on the perceptions of the built environment for physical activity: A confirmatory analysis. *International Journal of Behavioral Nutrition and Physical Activity*, 7(72). <http://www.ijbnpa.org/content/7/1/72>.
5. McCormick JB, Yan C*, Ballou JH*, Salinas Y, Reininger BM, **Gay JL**, Calvillo F, Wilson JG, Lopez L, & Fisher-Hoch SP. (2010). Response to H1N1 in a US Mexico border community: local experience with the national preparedness plan. *Biosecurity and Bioterrorism: Biodefense Strategy, Practice and Science*, 8(3), 233-242. PMID: PMC2982707
4. **Gay JL** & Smith, J. (2010). Validity of a scale assessing the built environment for physical activity. *American Journal of Health Behavior*, 34(4), 420-431.
3. **Gay JL**, Monsma E, & Torres-McGehee, T. (2009). Give or take a few? Comparing measured and self-reported height and weight as predictors of Social Physique Anxiety. *Research Quarterly for Exercise and Sport*, 80(3), 656-662.
2. Dowda M, Saunders RP, Hasting L, **Gay J**, & Evans, A. (2009). Physical activity and sedentary pursuits of children living in residential children's homes. *Journal of Physical Activity and Health*, 6(2), 195-202.

1. **Gay, JL** & Corwin, SJ. (2008). Perceptions of program quality and fidelity of an arts-based after school program: a process evaluation. *Current Issues in Education*, 10(1).

<http://cie.asu.edu/volume10/number1/index.html>

II. Manuscripts Under Review

1. **Gay JL**, Liu J, Wang Y, Land D, Cloud G & Smith K. Developing active pro-environmental campaign messaging: variations in belief themes by physical activity and pro-environmental behavior participation. Manuscript submitted for peer-reviewed publication.

2. Carmignani K, Salinas JJ, **Gay JL**, Fraga J, Meza L, Bhandari B, Parra-Medina D, Yin Z, Wang J, & Buchholz S. Development of the 50K4Life walking text messaging database for a bilingual Mexican American population. Manuscript submitted for peer-reviewed publication.

3. Monsma EV, **Gay JL** & Huggins A. Associations among maturational timing, sport type and body image concerns: illuminating familial resemblance through a constraints approach. Manuscript submitted for peer-reviewed publication.

4. Carr C, **Gay J**, Ritchie M, Murrow L, Knight J, Shen Y, & Tate A. Pilot implementation results from a community-based flood resilience exercise to improve individual disaster preparedness. Manuscript submitted for peer-reviewed publication.

III. Book Chapters and Policy Briefs

Alkhoshi EE, Rasheed KM, Arabnia HR, Maier FW, & Gay JL. (2025). Utilizing real-world data to develop a user-independent sensor-based human activity recognition system. In L Deligiannidis & HR Arabnia (Eds.), *Imaging Science: Computer Vision, Image and Signal Processing, Pattern Recognition*. Berlin, Boston: De Gruyter. <https://degruyterbrill.com/document/doi/10.1515/9783111436425-012/html>

Wargo K & **Gay JL**. (2017). The importance of process evaluation for after-school programs. In PJ Schwanenflugel & PD Tomporowski (Eds.), *Physical Activity and Learning After School: The PAL Program* (51-75). New York City, NY: Guilford Press.

Wilson MG, **Gay JL**, DeJoy DM & Padilla HM. (2014). Fitness. In MP O'Donnell (Ed.), *Health Promotion in the Workplace* (439-465). Troy, MI: American Journal of Health Promotion.

Pettee Gabriel K & **Gay JL**. (February 2012). Physical activity and healthy adulthood. In BE Ainsworth & CA Macera (Eds.), *Physical Activity and Public Health Practice* (133-150). Boca Raton, FL: CRC Press.

Barroso CS & **Gay JL**. (October 2011). Body image and childhood obesity in Mexican-Americans. Robert Wood Johnson Foundation Policy Brief. <http://www.salud-america.org/grantees.html>

IV. Public Health Translational Reports

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V. Published Abstracts

23. Threadgill EG & **Gay JL**. (2025). Examining the 24-hour activity cycle at work. *Medicine & Science in Sports and Exercise*, 57(10S):748-748.

22. Monsma EV, Torres-McGehee T, Sy SAMF, Kerestman MC, Mekonnen MT, Huggins AK, & **Gay JL**. (2023). Mental health implications of body image and mother's age at menarche associations in female collegiate athletes. *Journal of Sport & Exercise Psychology*, 45, S96-97.

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20. Le RK, Weber ML, Gay JL, Welch CE, & Schmidt JD. (2019). Examining optimism bias in predicting concussion reporting intentions and behaviors among student-athletes. *Archives of Clinical Neuropsychology*, 34(5), 790. <https://doi.org/10.1093/arclin/acz026.60>
19. Reina AM, Monsma EV, Gay JL. (2020). Psychometric properties of the Rosenberg self-esteem scale and social physique anxiety scale in US Hispanic adolescents. *Ann Behav Med*, 54, S770-S770.
18. Gay J, Buchner DM, Smith J. (2019). Physical activity from work and waist circumference: a cross-sectional modern replication of the Morris London busmen study. *Ann Behav Med*, 53, S103-S103.
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15. Padilla HM, Wilson M, Parr E, **Gay JL**, & Koch S. (2016). Standing workstations increase occupational physical activity in public health workers. *Ann Behav Med*, 50(1 Suppl), S26.
14. **Gay JL** & Monsma EV. (2016). Weight management behaviors among Mexican American youth: variation by growth and maturation. *Ann Behav Med*, 50(1 Suppl), S182.
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9. **Gay JL**, Kohl, III HW, Reininger B, & Mirza S. (2011). Acculturation affects the association between physical activity and chronic disease inflammatory markers among Hispanics. *Ann Behav Med*, 41, s32.
8. Wilson JG, Ballou J, Yan C, Fisher-Hoch SP, Reininger B, **Gay JL**, Salinas J, Sanchez P, Salinas Y, Lopez L, Calvillo F, deLima IP, & McCormick JB. (2010). Pigs flying through time and space; Spatiotemporal analysis of the 2009 H1N1 pandemic from the US-Mexico border. *Proceedings of the Annual Meeting of the Association of American Geographers*, April, 2010. Washington, DC.
7. Torres-McGehee T, Monsma E, & **Gay JL**. (2009). Eating disorder risk: Physical, psychological and contextual factors among female collegiate equestrian athletes. *J Sport Exerc Psychol*, 31(June Supplement), S21-S22.
6. **Gay JL**, Torres-McGehee T, & Monsma EV. (2009). Validity and reliability of maturity offset in post-menarcheal female athletes. *J Sport Exerc Psychol*, 31(June Supplement), S120-121.
5. **Gay JL**. (2009). Expanding the definition of environment within self-determination theory. *J Sport Exerc Psychol*, 31(June Supplement), S120.
4. **Gay JL**, Monsma EV, & Torres-McGehee T. (2009). Developmental and contextual risks of social physique anxiety among adolescent female athletes. *Ann Behav Med*, 37, s151.

3. **Gay JL** & Saunders RP. (2009). Examining the relationship of social support and perceptions of the social environment in an exercise context. *Ann Behav Med*, 37, s80.
2. **Gay JL**. (2009). Physical environment variables: Formative or reflective indicators? *Proceedings of the Active Living Research Annual Conference*, February 18-20, 2009. San Diego, CA, p. 186-187.
1. Monsma EV, **Gay JL**, & Torres-McGehee T. (2008). Exploring growth, maturation, and social physique anxiety in female athletes. *J Sport Exerc Psychol*, 30(June Supplement), S188.

VI. Other Technical and Research Reports

Wills LE, Rawls A, Payne JR, Dahlke KA, Gilmore JA, **Gay J**, Monrad, DM, Dickenson TS, & Johnson RL. (November 2006). South Carolina Reading First Evaluation Report: Summer Professional Development 2005-2006. South Carolina Educational Policy Center, Columbia, South Carolina.

Sesso KA, Dickenson TS, Monrad DM, Johnson R, Gilmore J, Rawls A, Mindrila D, Smith J, McGuinness P, Wills L, **Gay J**, & Ermer B. (November 2006). South Carolina Reading First Initiative: Evaluation Report 2005-2006. South Carolina Educational Policy Center, Columbia, South Carolina.

Monrad DM, May J, DiStefano C, Mindrila D, Rawls A, & **Gay J**. (April 2007). Climate for High Achievement: A Study of Gap-closing Schools in South Carolina. South Carolina Educational Policy Center, Columbia, South Carolina.

Sesso KA, Dickenson TS, Monrad DM, Johnson R, Gilmore J, Rawls A, Mindrila D, Smith J, McGuinness P, Wills L, **Gay J**, & Ermer B. (November 2007). South Carolina Reading First Initiative: Evaluation Report 2006-2007. South Carolina Educational Policy Center, Columbia, South Carolina.

Bennett HL, Gareau S, Dickenson TS, Monrad DM, Johnson R, Petrusis R, Gilmore J, Smith J, Rawls A, Galande M, Chiuzan C, **Gay J**, Gambone L, Price K, & Mindrila D. (November 2008) South Carolina Reading First Initiative Evaluation Report 2007-2008. South Carolina Educational Policy Center, Columbia, South Carolina.

Corwin SJ, Oglesby HW, Montgomery KM, & Gay J. (July 2008). 5th Year (2007-2008) Evaluation Results of the Knight-funded After School Enrichment Programs at Gibbes and Sanders (SC) Middle Schools: A Community Partner Model

B. Integration of Public Health Research, Instruction, and Service

Invited Talks

Alternative Grading Panel. (March 3, 2026). Fellows for Transformative Teaching, University of Georgia, Athens, GA.

Trash Talk: Promoting Litter Cleanups with Outdoor Recreation. (May 8, 2024). Keep Georgia Beautiful Foundation Annual Conference, Jekyll Island, GA.

Tackling Coastal Trash: The Intersection of Exercise and Environmental Health. (April 17, 2024). Honors College Lunchbox Lecture, University of Georgia, Athens, GA.

Specifications Grading: More Autonomy, Less Stress. (February 29, 2024). Alternative Grading Panel, Fellows for Transformative Teaching, University of Georgia, Athens, GA.

Trash Talk: Developing a Messaging Campaign to Promote Litter Cleanup with Physical Activity. (January 26, 2024). Preventing Marine Debris Workshop, University of Georgia Marine Extension and Georgia Sea Grant, Brunswick, GA.

The Top 10 Beliefs for Promoting Litter Cleanup during Physical Activity. (October 12, 2023). Marine Extension and Georgia Sea Grant, Brunswick Station, Brunswick, GA.

Working Hard or Hardly Working: The Importance of Occupational Physical Activity to Health. (September 13, 2021). Invited Talk, Communications Studies Colloquium, University of Georgia, Athens, GA.

All Activity Counts: Important Takeaways from the 2018 US National Physical Activity Guidelines. (February 27, 2020). Featured Talk, Southeast Regional Clinical & Translational Science Conference, Callaway Resort and Gardens, GA.

The Importance of Short Bouts of Physical Activity for Health. (August 8, 2019). Grand Rounds, St. Mary's Health Care System, Athens, GA.

The Blue Gym of Coastal Georgia. (September 7, 2018). Marine Extension and Georgia Sea Grant, Brunswick Station, Brunswick, GA.

Keynote Speaker, Physical Activity Measurement for Children and Adolescents. (May 25, 2017). Youth Obesity Undergraduate Research & Extension (Y.O.U.R.E.) Fellowship Training. University of Georgia, Athens, GA.

The Importance of Short Bouts of Activity for Type 2 Diabetes Prevention. (February 27, 2016). 11th Annual Cardiac, Vascular, & Stroke Care Conference. Athens Regional Medical Center, Athens, GA.

One Step at a Time: Preventing Diabetes through Fractionalized Physical Activity. (September 9, 2015). Department of Foods and Nutrition, University of Georgia, Athens, GA.

One Step at a Time: Preventing Diabetes through Fractionalized Physical Activity. (May 22, 2015). Friday Science Conference, Athens Regional Medical Center, Athens, GA.

Strategies for Increasing Physical Activity at Work. (February 6, 2015). Department of Kinesiology and Community Health, University of Illinois at Urbana-Champaign, Champaign, IL.

Public Health Outreach and Instruction Training

Panelist. Greenways to Better Health. (October 18, 2018). State of the Public's Health Conference, University of Georgia, Athens, GA.

Instructor. Low Cost Strategies that Connect Citizen Health and Wellness to County Well-Being. (April 28, 2017). Health and Wellness Track, Lifelong Learning Academy Winter Session, Association for County Commissioners of Georgia, Savannah, GA.

Instructor. Low Cost Strategies that Connect Citizen Health and Wellness to County Well-Being. (February 9, 2015). Health and Wellness Track, Lifelong Learning Academy Winter Session, Association for County Commissioners of Georgia, Atlanta, GA.

Presenter and Panel Member. Excellence in Teaching Fully Online Courses: A Brown Bag Panel Discussion. (February 3, 2015). Sponsored by the Center for Teaching and Learning and the Office of Online Learning, University of Georgia, Athens, GA.

Member, WELCOA Physical Activity Challenge Advisory Council. With Gregory Heath and Yosuke Chikamoto. 2014-2015.

Presenter, "Public Health, Physical Activity and Nutrition Interventions: Hybrid and Interdisciplinary" Graduate Instruction in Childhood Obesity: Strategic Planning Conference. (July 24, 2014).

Attendee, Graduate Interdisciplinary Instruction in Obesity and Weight Management: State-of-the-Art Conference. (July 30, 2013).

Panelist, Practice Advisory Group Meeting, University of Georgia College of Public Health. (April 19, 2013).

Presenter, "Putting the pieces together: Goals, objectives and logic models." Webinar through the Georgia Public Health Training Center, University of Georgia College of Public Health, Athens, GA. (June 20, 2012).

Presenter, "Knowing what works: A guide to program evaluation for health promotion professionals." Webinar through the Georgia Public Health Training Center, University of Georgia College of Public Health, Athens, GA. (June 13, 2012).

Presenter. Working together: Identifying stakeholders and group decision-making. Webinar through the Georgia Public Health Training Center, University of Georgia College of Public Health, Athens, GA. (June 6, 2012).

Presenter with C. Baile. Childhood obesity: From biology to policy. Webinar through the Georgia Public Health Training Center, University of Georgia College of Public Health, Athens, GA.. (November 16, 2011)

Presenter with Jennifer M. Mota and Dina Abrego. Results from the Why Are Kids Active Study? Presented at Brownsville Independent School District Physical Education Annual Teacher Training, Brownsville, TX. (August 18, 2011).

Presenter. Why Are Kids Active? Presented at Brownsville Independent School District Physical Education Annual Teacher Training, Brownsville, TX. (August 18, 2010).

Presenter. Being Heart Healthy. Presented to American Association of University Women Harlingen Branch, Harlingen, TX. (February 20, 2010).

Presenter. Being Heart Healthy. Presented to Hadassah Brownsville Texas Chapter, Brownsville, TX. (February 18, 2010).

Presenter. Physical Activity 101: Starting your exercise program. Presented to Texas Department of State Health Services Region 11, Harlingen, TX. (October 14, 2009).

Presenter. Using the Actigraph to Measure Physical Activity. Training workshop at University of Texas School of Public Health, Austin Regional Campus, Austin, TX. (June 10, 2009).

Media Coverage

17. Interviewed for "Stair climbers love their exercise, even when security guards act like they're up to something" by Mike Stobbe, Associated Press, March 16, 2026. Available at <https://apnews.com/article/stair-climbing-exercise-e3e60eb6ea0932aa290a83dc8c74beb2>.

16. PACE Lab covered in "Undergraduate Researchers Set the PACE" by Lauren Baggett, UGA College of Public Health 2024 Annual Magazine, October 2024. Available at https://issuu.com/publichealthuga/docs/public_health_magazine_2024.

15. Coverage of recent publication, "Physical activity may curb health care worker burnout" by Lauren Baggett, UGA Today, June 11, 2021. Available at <https://news.uga.edu/physical-activity-health-care-worker-burnout/>.

14. Interview and publication coverage for "Office location linked to body size, study finds" by Lauren Baggett, UGA Today, October 5, 2020. Available at <https://news.uga.edu/office-location-linked-to-body-size-study-finds/>

13. Interviewed for "Outdoor exercise beneficial, especially during COVID-19" by Lauren Baggett, UGA Today, September 9, 2020. Available at <https://news.uga.edu/outdoor-exercise-beneficial-covid-19/>

12. Interviewed for "Physical Inactivity: Unhealthy, And All Too Common In Georgia" by Andy Miller, Georgia Health News. January 20, 2020. Available at <https://www.georgiahealthnews.com/2020/01/physical-inactivity-unhealthy-common-georgia/>

Also covered by WABE 90.1 <https://www.wabe.org/physical-inactivity-unhealthy-and-all-too-common-in-georgia/>

11. Interviewed for “Tackling trash – and public health – on the Georgia coast” by Emily Kenowrthy, UGA Marine Extension and Georgia Sea Grant. May 24, 2019. Available at <https://gacoast.uga.edu/tackling-trash-and-public-health-on-the-georgia-coast/>

10. Featured in the Association of Schools & Programs of Public Health Newsletter, posted online September 13, 2017. Available at <http://www.aspph.org/georgia-engaging-in-light-physical-activity-at-work-leads-employees-to-skip-activity-at-home-georgia-study-finds/>

9. Coverage of HPRB/KINS/FDNS 7600 Public Health, Physical Activity and Nutrition Interventions students working on joint project with Georgia Health Sciences University UGA Medical Partnership students, posted on UGA College of Public Health Facebook site on October 14, 2014. Available at <https://www.facebook.com/PublicHealthUGA>

8. Coverage of the Physical Activity and Learning Program in UGA Columns, University of Georgia. “Faculty begin after-school enrichment program at 2 Clarke County schools. September 22, 2014. Available at <http://columns.uga.edu/news/article/faculty-begin-after-school-enrichment-program-at-clarke-county-schools/>

Also covered by Flagpole, “UGA fights obesity in Clarke County public schools”, October 15, 2014. Available at <http://flagpole.com/news/news-features/2014/10/15/uga-fights-obesity-in-clarke-county-public-schools>.

7. Coverage of published research in Huffington Post Latino Voices, “This could help reduce allostatic load among Mexican Americans”, January 9, 2014. Available at http://www.huffingtonpost.com/2014/01/02/allostatic-load-mexican-americans- n_4530894.html

Also featured in UGA Columns, University of Georgia, “Exercise reduces disease risk among one Hispanic population”, January 31, 2014. Available at <http://columns.uga.edu/news/article/study-exercise-reduces-disease-risk-among-one-hispanic-population/>

Also covered by the University of Georgia, “Research suggests exercise reduces disease risk among Hispanic population”, December 23, 2013. Available at <http://news.uga.edu/releases/article/research-suggests-exercise-reduces-disease-risk-among-hispanic-populat/>

6. Interviewed for “Less than 10 minutes of brisk activity helps maintain a healthy weight” by Milly Dawson, Health Behavior News Service. September 5, 2013. Available at <http://www.cfah.org/hbns/2013/less-than-10-minutes-of-brisk-activity-helps-maintain-a-healthy-weight#.Uji0-T8ityE>

5. Interviewed for “Employers can motivate employees to get moving” by Milly Dawson, Health Behavior News Service. July 30, 2013. Available at <http://www.cfah.org/hbns/2013/employers-can-motivate-employees-to-get-moving#.Ugkf4qzNic8>

Also appeared in “Most Georgians unhealthy, but still ranks well in Southeast” by Andy Miller, Online Athens, Athens Banner-Herald. May 5, 2013. Available at <http://onlineathens.com/health/2013-05-05/most-georgians-unhealthy-still-ranks-well-southeast>

4. Interviewed for “Georgia exercise stats comparatively good” by Andy Miller, Georgia Health News. May 2, 2013. Available at <http://www.georgiahealthnews.com/2013/05/georgia-exercise-stats-comparatively-good/#more-26453>

3. Televised interview with Channel 4, CBS Affiliate, Brownsville, TX on benefits of non-traditional playground equipment for children and ribbon-cutting ceremony of Buena Vida Playground.

2. Interviewed for "Walking is a health trend with legs" by Andy Miller, Georgia Health News. August 14, 2012. Available at <http://www.georgiahealthnews.com/2012/08/walking-health-trend-legs/#more-20505>

1. Televised interview with Brownsville Channel 12 on the building of a new playground and effects on childhood physical activity. With Rose M.Z. Gowen, MD (City of Brownsville Commissioner), & Stephanie Garza (City of Brownsville Grant Writer).

C. Grants

External Funding

National Center for Minority Health and Health Disparities 09/15/23-03/31/28
Award Number: U01MD019289 Salinas (PI)
Evidence-based intervention to improve walking engagement in El Paso, Texas
A SMART design intervention to increase physical activity participation among K-12 teachers and staff.
Role: Co-Investigator, UGA PI Award Amount: \$4,497,510

National Institute for Occupational Safety and Health 09/01/24-08/31/27
Award Number: 1T03OH012806-01-00 Gay (PI)
Translating the Fisherman First Aid and Safety Training (FFAST) for Commercial Fishermen in the Southeastern United States
A community-based participatory program to adapt a fishermen-specific first aid and safety training course for Georgia commercial fishermen. Award Amount: \$918,706

Emory University, National Institute of Environmental Health Sciences 12/01/24-11/30/25
CHARTER Translation Core Pilot Program Melcher (PI)
Creating Healthy Environments for Healthy Children: Translating Research Evidence into Design Strategies
Award Amount: \$5,000
Role: Co-Principal Investigator

External Funding (Completed)

Engagement Scholarship Consortium Gay (PI) 08/01/22-12/31/23
A reciprocal relationship between human and environmental health
Continuation for message development and testing to increase the integration of physical activity and litter cleanup
Award Amount: \$5,000

Partnership for Inclusive Innovation Tate & D'Angelo (PIs) 07/01/22-09/30/23
Athens community climate resilience project through technology and transportation innovation
A collaborative effort between Athens-Clarke County and UGA to address vulnerabilities related to climate and environmental disasters.
Award Amount: \$138,981
Role: Co-I

NSF Ma (PI) 08/01/19-07/31/23
ATD: Nonparametric testing and fast computing methods for spatiotemporal models with applications to threat detection
Develop computation methods to detect spatiotemporal anomalies within large-scale global data of human dynamics.
Award Amount: \$415,928.00
Role: Co-PI

Georgia Department of Education Tomporowski (PI) 08/01/14-07/31/19
Physical Activity & Learning (PAL) Program

This program will provide academic and physical activity enrichment activities to children who do not have access to after school programming.

Role: Co-PI Award Amount: \$666,193

USDA-NIFA Giraudo (PI) 02/01/16-09/30/18
Youth Obesity Undergraduate Research & Extension (Y.O.U.R.E.) Fellowships

This funding provides opportunities for undergraduate mentored research in the area of youth nutrition and physical activity behaviors.

Role: Co-PI/Co-Project Director Award Amount: \$273,287

American Heart Association Gay (PI) 01/01/13-12/31/15
Award Number: 13CRP14370001

Working Hard or Hardly Working: Is Occupational Physical Activity Associated with Adiposity?

This study investigates the association between objectively measured occupational physical activity with markers of adiposity across 15 labor sectors in city and county government employees.

Role: PI Award Amount: \$154,000

¡Salud America!, Robert Wood Johnson Foundation 07/01/09-06/30/11
Award Number: 66461 Barroso (PI)

Body Image Perceptions among Latinos

The aim of this study was to evaluate whether Mexican American families believe that being larger in size is healthier, particularly for children. The second aim was to translate findings into practice recommendations for creating healthy weight messages.

Role: Co-Principal Investigator Award Amount: \$75,000

Department of State Health Services, Texas Diabetes Council 07/01/09-06/30/11
Subcontract from the University of Texas Medical Branch

Award Number: 2011-035171-001 Reininger (PI)

Community-based Diabetes Prevention and Control

The University of Texas Community Outreach Program trained lay health outreach workers (*promotoras*) to provide individual and family counseling on healthy eating and active living. This program was an intense supplement to the existing community-wide campaign in south Texas.

Role: Co-Investigator Award Amount: \$900,000

National Center for Minority Health and Health Disparities 03/01/08-02/28/13
Award Number: 5P20MD000170 McCormick (PI)

Center for Excellence for Diabetes in Americans of Mexican Descent – Community-based Media Intervention

This core of the program grant implemented and evaluated a community-wide campaign to improve nutrition and physical activity behaviors among Mexican American residents of south Texas.

Role: Co-Investigator 2009-2011 Award Amount for Core: \$239,600 annually

Texas Department of State Health Services – Office of Border Health 03/01/10-08/31/11
Award Number: 2010-034871-001 Gay (PI)

FREE Play: Fun Recreational Educational Entertainment Play for Children on the Border

This grant funded the transformation of a vacant lot adjacent to the Brownsville Department Parks and Recreation building into an innovative and active playground for children. The playscape addressed muscular strength, endurance and flexibility. More than 25% of the equipment is accessible to children with disabilities.

Role: PI Award Amount: \$298,288

Internal Funding (Completed)

- Teaming for Interdisciplinary Research Pre-Seed Program 11/24/21-06/30/22
 UGA Space and Planetary Science and Engineering Program
 Generate preliminary data and research outputs to prepare a submission to the NASA Planetary Science program. Award Amount: \$5,000
- Blue Gym of Georgia Pilot Study 01/21/22-06/30/22
 Owens Institute of Behavioral Research
 Generate preliminary data to support the message development campaign promoting active pro-environmental behaviors. Award Amount: \$5,000
- Presidential Interdisciplinary Seed Grant Thapa (PI) 07/01/19-12/31/20
 Childhood-obesity policy implementation and built environment in Georgia: An agent-based modelling approach to assess policy impact on childhood obesity with improved built environment in communities across Georgia
 Role: Co-I Award Amount: 145,833
- Junior Faculty Research Grant, University of Georgia 07/01/16-06/30/18
 Office of the Vice President for Research PI: Gay
 Seated Active Workstations for Office-Based Female Employees: An Intervention to Decrease Sedentary Time and Improve Occupational and Mental Health
 The purpose of this feasibility trial is to test the acceptability of seated active workstations, and the impact of increased work-related activity on productivity, fatigue, and other mental health outcomes.
 Role: PI Award Amount: \$9,994
 Co-Investigators: Michael Schmidt (Department of Kinesiology)
- Clinical Translational Research Unit, UGA Sattler (PI) 01/01/16-06/30/16
 Effect of a physical activity and healthy eating intervention compared to a mindful eating intervention on biomarkers of cancer prognosis in overweight and obese breast cancer survivors.
 This is a pilot project to provide preliminary data for an R01 application to conduct a larger trial of mindful eating and alternative physical activity intervention strategies among breast cancer survivors.
 Role: Co-PI Award Amount: \$29,886
- Clinical and Translational Research Unit PI: Gay 11/01/15-06/30/16
 Pilot Study to Test the Effect of Fractionalized Vigorous-Intensity Activity on Acute Glucose in Adults at Risk for Type 2 Diabetes
 The aim of this pilot study is to test the impact of two different fractionalized activity protocols on acute glucose control in adults at risk for type 2 diabetes.
 Role: PI Award Amount: \$30,000
- Active Learning for Health and Wellness
 Learning Technologies Grant Award PI: Orpinas
 Center for Teaching and Learning, University of Georgia 07/01/15-06/30/16
 To create flipped classroom and online learning content and activities for undergraduate students in the Department of Health Promotion and Behavior.
 Role: Consultant Award Amount: \$18,031
- Junior Faculty Research Grant, University of Georgia 07/01/13-06/30/15
 Office of the Vice President for Research PI: Gay
 Geospatial Assessment of Time Spent Outdoors for Work and Occupational Physical Activity

This pilot study uses GPS monitors to examine geographic patterns of movement during occupational and leisure-time activity, particularly those working in field as opposed to office positions.

Role: PI Award Amount: \$9,988

Co-Investigators: Marguerite Madden (Department of Geography)

Bridging the Gap between Public Health and Medical Education at UGA

Innovative Instruction Faculty Grant

Office of the Vice President for Instruction, University of Georgia 07/01/13-06/30/14

Awarded, with Dr. Laurel Murrow at Georgia Regents University/UGA Medical Partnership, to develop joint public health and medical education activities.

Role: PI Award Amount: \$5,000

Salud! Culturally-Appropriate, Life Skills Activities for Latino Families

Office of Diversity Programs, University of Georgia 07/01/12-06/30/13

This program provided facilitated physical activities for younger children of families participating in *Familias Fuertes*, a youth violence prevention program. The activities were designed to facilitate communication and be done as a family.

Role: PI Award Amount: \$1,500

Co-Investigators: Pamela Orpinas, Gwenn Powell

DawgsWORK Program

PI: Ellen Evans

University System of Georgia Wellness Mini-Grant

2013-2014

This pilot study will test the feasibility and sustainability of a curriculum-based health coach model to improve lifestyle behaviors among university employees.

Role: Co-Investigator Award Amount: \$10,000

DawgsMOVE: Managing Obesity Via Exercise

Faculty Pilot Research Grant, University of Georgia

07/01/13-06/30/14

The goal of this study is two-fold: 1) assess baseline associations between occupational physical activity and diabetes risk across a range of working adults, and 2) to test the feasibility and potential for sustainability of a worksite wellness model using health coaches trained in a weight management curriculum.

Role: Co-Principal Investigator

Award Amounts: College of Public Health \$8,000; College of Education \$5,000

Co-Investigators: Ellen Evans (Co-PI, Department of Kinesiology), Mark Wilson

Physical Activity & Learning (PAL) Program PI: Tomporowski

Bridge Funding, Obesity Initiative, University of Georgia

05/12/14-08/15/14

Funding to cover program and evaluation planning for the PAL program in the summer leading up to the first implementation year.

Role: Co-I Award Amount: \$3,821

Under Review

D. Recognitions, Awards, and Outstanding Achievements

Recognition, Specifications Grading article recognized in "Promising Methods and Practices in Pedagogy in Health Promotion" by Weil and Ceryes.

2024

doi:10.1177/23733799241266474

Nominated, Center for Undergraduate Research Opportunities (CURO) Faculty Mentor Award, University of Georgia	2024
Nominated, Award for Inclusive Excellence, College of Public Health, University of Georgia	2024
Nominated, Teaching Award, College of Public Health University of Georgia	2023
Creative Teaching Award, University of Georgia	2022
Online Teaching Award, College of Public Health, University of Georgia	2022
Career Center Recognition for supporting students' career development and success, University of Georgia	2014-16, 2018, 2021-24
Provost's Affordable Course Materials Grant	2021
American Journal of Health Promotion Editors Picks Paper of the Year 2018 for Wolff et al. 2018. (see article #43).	2019
Public Service and Outreach Faculty Fellow, University of Georgia	2018-19
Office of Online Learning Faculty Fellow, University of Georgia	2018-19
Selected for UGA Focus on the Faculty story, published January 30, 2017, http://www.uga.edu/faculty/profile/jennifer-gay/	2017
Article selected for March 2016 Authors Series webinar presentation for the American Journal of Health Promotion, February 23, 2016	2016
Center for Teaching and Learning Teacher of the Week (February 15; http://ctl.uga.edu/teacher-of-the-week/jgay)	2016
Trained in Quality Matters Design Standards for Online and Blended Courses, Office of Online Learning, University of Georgia	2015
Article selected as an International Journal of Environmental Research and Public Health "Golden Collection" for one of the highest visibility/downloaded articles (see Publication #15)	2014
First-authored article (see #17) selected by the Society for Public Health Education for continuing education and professional development designation.	2013
Provost Travel Funds, University of Georgia	2013, 2012
Outstanding Research Paper Presentation, Texas Public Health Association, Houston, TX	2011
Fellow, Physical Activity and Public Health Postdoctoral Research Course, Centers for Disease Control and Prevention and the University of South Carolina Prevention Research Center	2009
Best Social Science Research Poster Carolina Women's Health Research Forum, Columbia, SC	2008
Delta Omega Society, Mu Chapter, National honorary public health society, University of South Carolina	2008

2007-2008 Outstanding Doctoral Student Award, Department of Health Promotion, Education, and Behavior, Arnold School of Public Health, University of South Carolina

2008

E. Research Areas

Physical activity and public health; Built environment and social contexts of physical activity in children, adolescents and adults. Occupational physical activity and health benefits. Growth and maturation as indicators of decreases in physical activity. Measurement and methodological issues in physical activity research. Program evaluation.

F. Supervision of Student Research

Research Mentor – Undergraduate	Research Mentor – Graduate	MPH Capstone/ MS Thesis Committee (Chair)	Doctoral Comprehensive Exam Committee	Doctoral Dissertation Committee (Chair)
34	8	52 (47)	12	15 (5)

*Includes students from University of Georgia, University of Texas Health Science Center, University of South Carolina.

G. Conference Presentations

International

Palmer K, **Gay JL**, Buchholz SW, Mulla ZD, Threadgill EG, Yin Z, Thapa J, Salinas JJ. (2026). Workplace interventions to increase physical activity among school employees: a systematic review. International Society of Behavioral Nutrition and Physical Activity Annual Meeting, Cadiz, Spain.

Yin Z, Parra-Medina D, Mulla Z, Buchholz SW, **Gay JL**, Thapa J, Salinas J. Step count changes before a walking challenge: comparing new and existing tracker users. International Society of Behavioral Nutrition and Physical Activity Annual Meeting, Cadiz, Spain.

Monsma, E.V., **Gay, J.L.**, Torres-McGeehee, T., Sy, S.A.M.F.*, Kerestman, M.C.*, Mekonnen, M.T.*, & Huggins, A.K.* (2024). *Associations among mother-daughter maturational timing, clothing-specific body image, social physique anxiety (SPA), and sport type*. Association for Applied Sport Psychology Annual Conference, Las Vegas, NV, USA.

Liu J, Wang Y*, & **Gay JL**. (2024). *Promising campaign themes to promote active pro-environmental behaviors among U.S. coastal residents*. Paper presentation at the 74th Annual Conference of the International Communication Association, Queensland, Australia.

Gay JL, Monsma EV, Udeshi, J.* (2024). *Physical activity and sport participation among Mexican American girls: is menarcheal timing important?* Oral presentation at the International Motor Development Research Consortium, Ghent, Belgium.

Monsma EV, Torres-McGeeHee T, Sy SAMF*, Kerestman, MC*, Mekonnen MT*, Huggins AK*, **Gay JL**. (2023). *Mental health implications of body image and mother's age at menarche associations in female collegiate athletes*. Presentation at the North American Society for the Psychology of Sport and Physical Activity Annual Conference, Toronto, Canada.

Alkhoshi EE, Rasheed KM, Arabnia HR, Maier FW, **Gay JL**. (2022). *Comparisons of machine learning methods for human activity recognition using pseudo-free-living data*. Paper presentation at the 2022 International Conference on Computational Science and Computational Intelligence, Las Vegas, NV.

Carmichael K, O'Connor P, & **Gay JL**. (2022). *Is a short bout of activity as good as a long bout for mental and physical energy and fatigue in young adults?* Virtual oral presentation at the International Society of Behavioral Nutrition and Physical Activity Annual Meeting, Phoenix, AZ.

Monsma EV, **Gay JL**, Torres-McGehee T. (2016). *Body image and psychological functioning of female collegiate cheerleaders*. Poster presentation at the North American Society for the Psychology of Sport and Physical Activity Annual Conference, Montreal, Canada.

Gay JL, Symposium Chair. (2014). *Systems Science and Physical Activity: Coordinated Approaches for Changing Behavior*. Symposium panel: Deborah Carvalho Malta from Brasil Ministério da Saúde; Jim Sallis, PhD, University of California, San Diego; Wendy Brown, PhD, University of Queensland, Australia; Stephanie Broyles, PhD, Pennington Biomedical Research Center. 5th International Congress on Physical Activity and Public Health, Rio de Janeiro, Brazil.

Gay JL, LoPilato, AC*. (2014). *Motivational and ecological profiles of insufficiently active adults associated with future physical activity behavior*. Oral presentation at the 5th International Congress on Physical Activity and Public Health, Rio de Janeiro, Brazil.

Gay JL, Salinas JJ, Buchner DM, Mirza S, Kohl, III HW, Reininger BM, Fisher-Hoch SP, & McCormick JB. (2012). *Meeting physical activity guidelines is associated with lower allostatic load and inflammation among Mexican American adults*. Oral presentation at the International Society of Behavioral Nutrition and Physical Activity Annual Meeting, Austin, TX.

Gay JL, Kohl, III HW, Trevarthen G*, Salinas JJ, McCormick JB, & Fisher-Hoch SP. (2012). *Contribution of occupation to high doses of light-intensity activity among Mexican American adults*. Poster presentation at the International Society of Behavioral Nutrition and Physical Activity Annual Meeting, Austin, TX.

Skala KA*, **Gay JL**, Springer AE, Kohl III HW, Sharma S, & Hoelscher DM. (2012) *Sport participation and dietary behaviors among Texas 4th graders*. Poster presentation at the International Society of Behavioral Nutrition and Physical Activity Annual Meeting, Austin, TX.

Reininger B, Arcari C, Brown HS, Wilson K, Smith K, **Gay J**, Mitchell-Bennett L, & Welsh R. (2012). *Impact of community health workers to improve nutrition and physical activity behaviors in underserved communities*. Poster presentation at the International Society of Behavioral Nutrition and Physical Activity Annual Meeting, Austin, TX.

Perreault M*, Monsma EV, **Gay JL**, & Seiler B*. (2012). *Athletic trainers and athletes don't see eye to eye when it comes to imagery content: The factor structure of the Imagery Use by Athletic Trainers Questionnaire (IUATQ)*. (2012). Poster presentation at the North American Society for the Psychology of Sport and Physical Activity Annual Conference, Honolulu, HI.

Gay J, Saunders R, Dowda M, & Evans A. (2010). *Environmental and policy determinants of children's physical activity in residential children's homes*. Poster presentation at the 3rd International Congress on Physical Activity and Public Health, Toronto, Canada.

Gay JL, Saunders RP, Dowda M. (2010). *Perceptions of the built environment moderate relationship between exercise and autonomy, competence, and relatedness*. Poster presentation at the 3rd International Congress on Physical Activity and Public Health, Toronto, Canada.

Gay JL. (2009). *Expanding the definition of environment within self-determination theory*. Poster presentation at the North American Society for the Psychology of Sport and Physical Activity Annual Conference, Austin, TX.

Gay JL, Torres-McGehee T, & Monsma EV. (2009). *Validity and reliability of maturity offset in post-menarcheal female athletes*. Oral presentation at the North American Society for the Psychology of Sport and Physical Activity Annual Conference, Austin, TX.

Torres-McGehee T, Monsma E, & **Gay JL**. (2009). *Eating disorder risk: Physical, psychological and contextual factors among female collegiate equestrian athletes*. Poster presentation at the North American Society for the Psychology of Sport and Physical Activity Annual Conference, Austin, TX.

Monsma EV, **Gay JL**, & Torres-McGehee T. (2008). *Exploring growth, maturation, and social physique anxiety in female athletes*. Poster presentation at the North American Society for the Psychology of Sport and Physical Activity Annual Conference, Niagra Falls, ON.

National

Gay J, Finley E, Moss J, Buchholz S, Parra-Medina D, & Salinas J. (2026). *Implementation monitoring of a worksite walking challenge, 50K4Life: pilot results and benchmarking for the future*. Poster presentation at the Society of Behavioral Medicine Annual Meeting, Chicago, IL, USA.

Gay J, Liu J, & Wang Y. (2026). *Developing active pro-environmental campaign messaging: variations in beliefs by physical activity and pro-environmental behavior participation*. Poster presentation at the Society of Behavioral Medicine Annual Meeting, Chicago, IL, USA.

Adams S, Tookes JS, Fluech B, Dyal A, & **Gay J**. (2026). *Healthy crew, healthy life: the captain's role in commercial fishing crew health*. Poster presentation at the Society of Behavioral Medicine Annual Meeting, Chicago, IL, USA.

Muyna GY, Pal K, Lopez V, Sapargeldiyeva M, Buchholz S, Mulla Z, Thapa J, **Gay J**, Parra-Medina D, Yin Z, Salinas J. *Implementing a sequential multiple assignment walking intervention in schools: results from the 50K4Life pilot*. Poster presentation at the Society of Behavioral Medicine Annual Meeting, Chicago, IL, USA.

Threadgill EG & **Gay JL**. *Examining the 24-hour movement paradigm at work*. (2025). Poster presentation at the 2025 American College of Sports Medicine Annual Meeting, Atlanta, GA, US.

Wang, Y., Huggins, A., Doughty, E., & Chen, J. (2024). *Bridging moral foundations and active marine stewardship among U.S. coastal residents: The mediating role of social belief*. [Paper presentation]. National Communication Association (NCA) 110th Annual Convention, New Orleans, LA, US. **This section is for mentored students only. The students were mentored by myself and Dr. Jiaying Liu, University of California Santa Barbara.**

Salinas J, Yin Z, **Gay J**, Wang J, Buchholz S, Parra-Medina D. (2024). Evidence-based intervention to improve walking engagement in public school employees in El Paso, Texas. Oral presentation at the American Public Health Association Annual Meeting, Minneapolis, MN, USA.

Gay JL, Liu J, Cloud GJ*, & Wang Y*. (2023). *Leveraging outdoor physical activity for active pro-environmental behaviors: prevalence and future intentions of coastal US residents*. Oral presentation at the American Public Health Association 2023 Annual Meeting, Atlanta, GA.

Wang Y*, Liu J, **Gay JL**. (2023). *A mixed-method approach to determine salient message themes for promoting active pro-environmental behavior intentions among coastal residents in the U.S.* Poster presentation at the Association for Education in Journalism and Mass Communication Annual Conference, Washington, DC.

Kotireddy V, Carr C, **Gay J**, de Brito J, Trofholz A, Berge J, & Tate A. (2023). *Social polarization and parent support on child physical activity and cardiometabolic health*. American Heart Association EPI|Lifestyle Scientific Sessions 2023, Boston, MA.

Yang J, Mu L, Rajbhandari-Thapa J, Thapa K, **Gay J**, Zhang D. (2020). *Geographic pattern and variation of childhood physical activity, physical fitness and their association with the built environment in Georgia*. APHA's 2020 VIRTUAL Annual Meeting and Expo.

Reina A, Monsma EV, **Gay JL**. (Accepted**). *Psychometric properties of the Rosenberg self-esteem scale and social physique anxiety scale in US Hispanic adolescents*. Presentation at the 2020 Society of Behavioral Medicine Annual Meeting, San Francisco, CA.

**Canceled due to COVID-19 pandemic.

Weber ML*, **Gay J**, Tomporowski P, Bierema L, Welch Bacon CE, Schmidt JD. (2020). *Using the health belief model to predict concussion reporting intentions and behavior*. Pediatric Research in Sports Medicine Society 7th Annual Meeting, Glendale, AZ. January 23-25, 2020.

Le RK, Weber ML, **Gay JL**, Welch Bacon CE, & Schmidt JD. (2019). *Examining optimism bias in predicting concussion reporting intentions and behaviors among student-athletes*. Presentation at the 7th Annual Sports Neuropsychology Society Conference, Seattle, WA.

Gay JL, Buchner DM, & Smith J. (2019). *Physical activity from work and waist circumference: a cross-sectional modern replication of the Morris London Busmen study*. Presentation at the 2019 Society of Behavioral Medicine Annual Meeting, Washington, DC.

Reina A*, **Gay JL**, Monsma EV. (2019). *Body image and weight management among Mexican American adolescents: differences by sport type*. Presentation at the 2019 Society of Behavioral Medicine Annual Meeting, Washington, DC.

Rees-Punia E*, Evans EM, Schmidt MD, **Gay JL**, Matthews CE, Gapstur SM, Patel AV. (2018). *Mortality risk reductions for replacing sedentary time with physical activities*. Oral presentation at the 2018 Annual Meeting of the American College of Sports Medicine, Minneapolis, MN.

Dumas M & **Gay JL**. (2017). *Uncomfortable in my skin: a look at body image dissatisfaction among Mexican American youth*. Poster presentation at the 2017 American Public Health Association Annual Meeting, Atlanta, GA.

Prizer LP, **Gay JL**, Perkins MM, Wilson MG, Emerson KG, Glass AP, & Miyasaki JM. (2017). *The unmet palliative needs of Parkinson's Disease Patients: a mixed methods study*. Paper presentation at the 38th Annual Meeting of the Southern Gerontological Society, Asheville, NC.

Rees-Punia, E & **Gay JL**. (2017). *Association of greenspace and objectively-measured physical activity duration and intensity among working-age adults*. Poster presentation at the 2017 Active Living Research Conference, Clearwater Beach, FL.

Wolff M, **Gay JL**, Wilson MG, DeJoy D, & Vandenberg R. (2017). *Organizational and Co-Worker Support, Diabetes Risk and Job Stress Among Employees*. Poster presentation at the 2017 Society of Behavioral Medicine Annual Meeting, San Diego, CA.

Prizer LP, **Gay JL**, Perkins MM, Wilson MG, Emerson KG & Glass AP. (2016). *Palliative care referral for Parkinson's patients: an application of social exchange theory*. Poster presentation at the Gerontological Society of America's 69th Annual Scientific Meeting, New Orleans, LA.

Prizer LP, **Gay JL**, Perkins MM, Wilson MG, Emerson KG & Glass AP. (2016). *The long-term palliative needs of Parkinson's Disease patients: a mixed methods study*. Poster presentation at the Gerontological Society of America's 69th Annual Scientific Meeting, New Orleans, LA.

Gay JL & Monsma EV. (2016). *Weight management behaviors among Mexican American youth: variation by growth and maturation*. Oral paper presentation at the 2016 Society of Behavioral Medicine Annual Meeting, Washington DC.

Corriero R*, **Gay JL**, Robb SW, & Wenders E. (2016). *Association of insurance coverage with HPV vaccination rates pre- and post-Affordable Care Act*. Poster presentation at the 2016 Society of Behavioral Medicine Annual Meeting, Washington DC.

Padilla HM, Wilson M, Parr E, & **Gay JL**. (2016). *Standing workstations increase occupational physical activity in public health workers*. Poster presentation at the 2016 Society of Behavioral Medicine Annual Meeting, Washington DC.

Wenders E*, **Gay JL**, & Corriero R*. (2016). *Community walkability and population health status: a study of Georgia counties*. Poster presentation at the 2016 Active Living Research Conference, Clearwater Beach, FL.

Wargo K* & Gay JL. (2015). *Association of population health literacy and social vulnerability: Implications for health communication*. Poster presentation at the 2015 National Conference on Health Communication, Marketing, and Media, Atlanta, GA.

Gerst-Emerson, K & Gay JL. (2015). *The relationship between physical activity and cardiovascular disease risk: racial/ethnic differences*. Poster presentation at the Annual Meeting of the Gerontological Society of America, Orlando, FL.

Robb SW, Haslam A*, **Gay JL**, Middleton L*, Healy M, Hebert JR, Wirth MD. (2015). *Relationship between meditation and waking salivary cortisol secretion among long-term MBSR meditators*. Poster presentation at the Society of Epidemiologic Research 48th Annual Meeting, Denver, CO.

Gay, JL & Buchner DM. (2015). *Dose-response association between physical activity and A1C: Examining Intensity and Bout Length*. Poster presentation at the Society of Behavioral Medicine Annual Meeting, San Antonio, TX.

Gay, JL, Buchner D, & Salinas JJ. (2013). *The contribution of occupation to racial and ethnic disparities in physical activity*. Poster presentation at the Society of Behavioral Medicine Annual Meeting, San Francisco, CA.

Shelnutt S* & **Gay JL**. (2013). *Substance use and body image amongst school-aged children on the Texas-Mexico border*. Poster presentation at the Society of Behavioral Medicine Annual Meeting, San Francisco, CA.

Prizer LP*, **Gay JL**, Emerson KG. (2013). *Accelerometer-based activity in adults with physical limitations*. Poster presentation at the Society of Behavioral Medicine Annual Meeting, San Francisco, CA.

Reininger B, Arcari CM, Smith KL, **Gay J**, Mitchell-Bennett L, Siller J, Martinez M, Welsh R, & Peters P. (2012). *Policy and environmental changes to support active living and healthy eating among low income Mexican American communities*. Poster presentation at the American Public Health Association Annual Meeting, San Francisco, CA.

Price AE, **Gay JL**, Hathaway K, Rentfro AR, Fisher-Hoch SP, & McCormick JB. (2011). *Prevalence of cognitive impairment and associated factors in Mexican Americans*. Poster presentation at the American Public Health Association Annual Meeting, Washington, DC.

Smith K, Reininger BM, Arcari C, **Gay JL**, Mitchell-Bennett L, Siller J, Martinez M, & Peters P. (2011). *Promotoras changing communities: Diabetes prevention and control*. Poster presentation at the American Public Health Association Annual Meeting, Washington, DC.

St. John JA*, Reininger BM, & **Gay JL**. (2011). *Effectiveness of community health workers in traditional and emerging roles: A systematic review*. Poster presentation at the American Public Health Association Annual Meeting, Washington, DC.

Gay JL, Kohl WH, Reininger B, & Mirza S. (2011). *Acculturation affects the association between physical activity and chronic disease inflammatory markers among Hispanics*. Poster presentation at the Society for Behavioral Medicine, Washington, DC.

Wilson JG, Ballou J*, Yan C*, Fisher-Hoch SP, Reininger B, **Gay JL**, Salinas J, Sanchez P, Salinas Y, Lopez L, Calvillo F, deLima IP, & McCormick JB. (2010). *Pigs flying through time and space; Spatiotemporal analysis of the 2009 H1N1 pandemic from the US-Mexico border*. Poster presentation at the Association of American Geographers, Washington, DC.

Gay JL & Saunders RP. (2009). *Examining the relationship of social support and perceptions of the social environment in an exercise context*. Poster presentation at the Society of Behavioral Medicine Annual Meeting, April 2009, Montreal, Quebec.

Gay JL, Monsma EV, & Torres-McGehee T. (2009). *Developmental and contextual risks of social physique anxiety among adolescent female athletes*. Poster presentation at the Society of Behavioral Medicine Annual Meeting, April 2009, Montreal, Quebec.

Gay JL. (2009). *Physical environment variables: Formative or reflective indicators?* Poster presentation at the Active Living Research Annual Conference 2009 Annual Conference, San Diego, CA.

Torres-McGehee T, **Gay JL**, & Monsma EV. (2009). *Uniform and regular clothing body image risk factors of social physique anxiety among varsity equestrian athletes*. Poster presentation at the Association for Applied Sport Psychology, Salt Lake City, UT.

DiStefano C, Monrad DM, May J, Smith J, **Gay J**, Mindrila D, Gareau S, & Rawls A. (2008). *Parent, student, and teacher perceptions of school climate: Investigations across organizational levels*. Paper presented at American Educational Research Association Annual Meeting, New York, NY.

Office of Program Evaluation, South Carolina Educational Policy Center, & South Carolina Department of Education Working Group. (2008). *Evaluation of South Carolina's Reading First (SCRF) Initiative*. Paper presented at American Educational Research Association Annual Meeting, New York, NY.

Gay JL & Montgomery KM. (2008). *Nutrition beliefs and practices of college students enrolled in health education courses*. Poster presentation at the American Public Health Association Annual Meeting, San Diego, CA.

Gay J, Monsma EV, & Torres-McGehee T. (2007) *Controlling for physical variables in social physique anxiety research: aesthetic sport athletes*. Poster presentation at the Association for Applied Sport Psychology Annual Conference, Louisville, KY.

Regional, State, and Local

Mulla ZD, Gay JL, Yin Z, Parra-Medina D, Buchholz SW, Sapargeldiyeva M, Juarez A, Carmignani KK, Pal K, Titelbaum MS, Lopez V, Baker LJE, & Salinas JJ. (2025). *Perceptions of the benefits of exercise among school employees working on the Texas-Mexico border*. 2025 Institutional Research Symposium. El Paso, TX.

Moss JM, Reina AM, Renzi-Hammond L, Beer J, & **Gay JL**. (2025). *Reimagining dementia care: evaluating CARE Center initiatives with the RE-AIM Framework*. 2025 Georgia Public Health Association Annual Conference. *Canceled due to travel restrictions for state and federal employees.

Land D, **Gay JL**, Smith K, Badya LK, & Kenworthy E. (2025). *Community response to persuasive messages pairing outdoor activity and litter cleanup*. 2025 Georgia Public Health Association Annual Conference. *Canceled due to travel restrictions for state and federal employees.

Moss J, **Gay JL**, Saint Hamilton S, Correia S, Beer JM, Renzi-Hammon LM. *Evaluating an interdisciplinary clinical approach to dementia at the CARE Center*. Poster presented at the 2025 Southeast Regional Clinical and Translational Science Alliance Conference, Pine Mountain, GA.

Wessel, M, Udeshi, J, Huggins A, Kerestman M, Shah B, Viryaskina A, & **Gay J**. (2024). *Sleep and caffeine intake's association with physical activity among college students*. Poster presented at the 2024 Southeast Regional Clinical and Translational Science Alliance Conference, Pine Mountain, GA.

Alkhoshi E*, Rasheed K, Maier F, & **Gay J.** (2022). *Human activity recognition using pseudo free-living data*. Poster presentation at the Obesity Initiative Annual Symposium, Athens, GA.

Smith AB, Torres-McGehee TM, Monsma E, **Gay J.** (2018). *Examination of eating disorder risk, perceptions, uniform selection and resources for cheerleading coaches*. Presented at the Ohio Athletic Trainers Association Meeting and Clinical Symposium, Dublin, OH.

Maas J, **Gay JL**, Ralston MS, VanDyck M, Cochran M. *Greenways to Better Health*. (2018). State of the Public's Health Conference, University of Georgia, Athens, GA.

Smith A, Torres-McGehee T, Monsma E, & **Gay J.** (2018). *Prevalence of eating disorder risk and body image perceptions of collegiate cheerleading coaches*. Presented at the Ohio Athletic Trainers Association Meeting and Clinical Symposium, Dublin, OH.

Tompsonowski PD, McCullick B, Schwanenflugel P, Carr M, **Gay J.** (2015). *Physical Activity and Learning: Moving children in the right direction*. Oral presentation at the UGA Institute on Teaching and Learning, Athens, GA.

Prizer LP*, **Gay JL**, Emerson KG. (2013). *Disability and age related to physical activity*. Poster presentation Georgia Public Health Association Annual Meeting, Atlanta, GA.

Skala KA*, **Gay JL**, Springer AE, Kohl III HW, & Hoelscher DM. (2011) *Sport participation and dietary behaviors among Texas 4th graders*. Poster presentation at The National Center for Human Performance Annual Meeting, Houston, TX.

Smith KL, Reininger B, Arcari CM, **Gay J**, Mitchell-Bennett L, Siller J, Martinez M, & Peters P. (2011). *Promotoras Changing Communities: Diabetes Prevention and Control*. Oral presentation at Texas Public Health Association, Houston, TX.

Mota JF*, **Gay JL**, Barroso CS, Kohl HW, & Reininger BM. (2010). *Examining seasonal variation in physical activity among low-income Hispanic walk-trail users in the Cameron Park Colonia*. Poster presentation at the United States-Mexico Border Bi-National Health Week, Brownsville, TX.

Monsma EV, **Gay JL**, & Torres-McGehee T. (2008). *Developmental and contextual risks of social physique anxiety among adolescent female athletes*. Poster presentation Carolina Women's Health Research Forum, Columbia, SC.

Under Review

Portillo V, Johnson T, Salinas J, Dominguez De Quezada D, Parra-Medina D, Yin Z, & **Gay J.** Walk the walk: Lessons learned through implementation strategies related to engagement for the 50K4Life study. Submitted for national peer-reviewed conference presentation.

PUBLIC SERVICE

Membership in Professional Organizations

Member, Nature and Health Alliance	2025-present
Member, Society of Behavioral Medicine	2009-2021
Member, International Society of Physical Activity and Health	2010-present
Member, American Heart Association	2015-2018
Member, International Society of Behavioral Nutrition and Physical Activity	2012
Member, American College of Sports Medicine	2008-2009

Member, Association for Applied Sport Psychology Special Interest Group for Exercise and Health Psychology	2007-2009
Member, North American Society for the Psychology of Sport and Physical Activity	2007-2011
Member, American Public Health Association	2006-2012

Professional Service

<u>Founding Chair</u> , Georgia Nature and Health Connection, state chapter of the Nature and Health Alliance	2026-present
<u>Member</u> , Research Committee, Nature and Health Alliance	2026-present
<u>Chairperson</u> , Oral presentation session on Built Environment for Physical Activity among Children. International Society of Behavioral Nutrition and Physical Activity Annual Meeting, Austin, TX.	2012
<u>Chair</u> , Interventions Council, International Society of Physical Activity and Health	2010-2014
<u>Guest Editor</u> , Journal of Physical Activity and Health Special Issue: <i>Building Capacity – Celebrating 16 Years of Physical Activity and Public Health Training Courses</i> . Published in 2011.	2010-2011

Reviewer – Grants

National Institute for Occupational Safety and Health (NIOSH), Centers for Disease Control and Prevention (CDC) Special Emphasis Panel/Scientific Review Group 2026/05 ZOH1 DH (02) 1	2026
Centers for Disease Control and Prevention (CDC), Special Emphasis Panel, RFA DP25-043 - Comprehensive Analysis, Surveillance, and Statistics Initiative for Diabetes in the Young (CASSIDY), 2025/05 ZDP1 FMC (02) R	2025
National Institute of General Medical Sciences, NIH, Behavioral Sciences SuRE First Program	2022
Centers for Disease Control and Prevention, Special Emphasis Panel, RFA DP20-001 - National Center for Chronic Disease Prevention and Health Promotion (NCCDPHP) Assessing the Burden of Diabetes By Type in Children, Adolescents and Young Adults (DiCAYA)	2020
American Heart Association, Behavioral Sciences – Population Standing Peer Review Committee	2016-2020
Health Research Board, Ireland, ad hoc review	2017
Centers for Disease Control and Prevention, Special Emphasis Panel, DP15-001 – Natural Experiments of the Impact of Population-Targeted Health Policies to Prevent Diabetes	2015
Texas Department of State Health Services, Transforming Texas, Healthy People in Healthy Communities	2011
National Institutes of Health Challenge Grants	2009

Ad Hoc Reviewer – Journals

Implementation Science, Annals of Behavioral Medicine, Preventive Medicine, Journal of Sport and Exercise Psychology, Psychology of Sport and Exercise, Journal of Physical Activity and Health, Current Issues in Education, BMC Public Health, Public Health Nutrition, Health Education & Behavior, Journal of School Health, International Journal of Sport and Exercise Psychology, American Journal of Industrial Medicine, Medicine & Science in Sports & Exercise, Translational Behavioral Medicine

Ad Hoc Reviewer – Annual Meeting/Conference Abstracts

International Society of Behavioral Nutrition and Physical Activity, International Communications Association, Society of Behavioral Medicine, American Public Health Association, South Carolina Public Health Association

OTHER SERVICE

University of Georgia

2026	Search Committee, Assistant Director, Human Research Protection Program
2025	Research Participant Compensation Task Force, Office of Research
2018-present	Institutional Review Board
2024-present	Executive Chair
2023-2024	Chair, IRB 1 – Social and Behavioral Sciences
2022	Vice Chair and Committee Member, IRB 1 – Social and Behavioral Sciences
2018-2022	Ad Hoc Reviewer
2025	Search Committee, College of Public Health Member, for the Executive Director for the Institute for Artificial Intelligence
2025	Reviewer, Presidential Graduate Fellow Award and Graduate School Doctoral Fellow Award
2024	Proposal Reviewer, Institute for Artificial Intelligence Interdisciplinary Seed Grants
2024	Search Committee for Clinical Assistant/Associate Professor of Nutritional Sciences position in the Department of Nutritional Sciences
2023	Search Committee for Clinical Assistant/Associate Professor of Nutritional Sciences position in the Department of Nutritional Sciences
2021-2022	Task Force on the Future of Teaching and Learning
2021	Search Committee for Global Health Communication Faculty position in the Department of Communications
2020-2024	University Libraries Committee
2019-present	Obesity Research Initiative Advisory Committee (formerly Obesity Initiative)
2018-2022	Human Research Protection Program Policy Committee, Institutional Review Board
2017-2023	President's Faculty Advisory Committee
2016-2022	Faculty Admissions Committee
2021-22	Chair
2017-19	Chair
2020	COVID-19 Research Working Group
2019-20	Unit Review Committee Co-Chair, Recreational Sports
2016-21	Alternate Member, Institutional Review Board
2014	Reviewer, Hatch Research Project Proposal, Department of Foods and Nutrition and College of Agricultural and Environmental Sciences, University of Georgia
2014	Reviewer, Innovative Instruction Grants, Office of the Vice President for Academic Affairs
2013	Search Committee Member for the position of Director of the Office of Online Learning

2013	Search Committee External Member for Assistant Professor Position in the Department of Foods and Nutrition, College of Family and Consumer Sciences
2012-13	Member of the eLearning Commons2 Early Adopters Program, Center for Teaching and Learning
2013-2016	Member of the Obesity Initiative Instruction Team
2013-15	Advisory Board Member, Center for Physical Activity and Health

College of Public Health

2022	Integrated 7010 Planning Committee
2021-2023	Online Learning Committee
2020	Ad Hoc Member of HPAM Promotion and Tenure Committee
2016-2020	Graduate Education Committee (formerly MPH Committee)
2012-2014	CEPH Reaccreditation Committee

Department of Health Promotion and Behavior (HPB)

2026 - present	Member, HPB Student Awards Committee
2020 - present	Member, HPB Promotion and Tenure Committee
2011 - present	Member, HPB Graduate Faculty
2020	Third Year Review Committee
2015	Chair, Research Seminar Planning Committee

Other University, State and Local Community Service

Reviewer, Promotion at R1 Institution for Public Service and Outreach Unit	2025
External Reviewer, Promotion and Tenure at R1 PhD-granting Institution	2023
Mentor, Young Dawgs Program providing research experiences to high school students	2022
Mentor, Georgia CTSA's TEAMS (Translational Education and Mentoring in Science) program	2020-present
Oconee Rivers Greenway Commission Member Treasurer, 2022-2024	2019-present
Ghostwriter, newspaper article for Tu Salud Si Cuenta! mass media campaign: "Weight and Your Wallet" Brownsville Herald, Brownsville, TX	2011
<u>Mentor</u> , Minority Biomedical Research Support, Research Initiative for Scientific Enhancement Program, University of Texas Brownsville (NIH funded program)	2010-2011
Judge, 12 th Annual UTB/TSC Research Symposium	2010
Ghostwriter, newspaper article for Tu Salud Si Cuenta! mass media campaign: "Recess: More Than Just Child's Play" Brownsville Herald, Brownsville, TX	2010
<u>Mentor</u> , Summer Science Internship for Hispanic Students in the Lower Rio Grande Valley, Brownsville, Texas	2010
<u>Member</u> , Academic Council, University of Texas School of Public Health	2010-2011
<u>Co-Chair</u> , Health Promotion and Behavioral Sciences Division Curriculum Committee, University of Texas School of Public Health	2010-2011
<u>Mentor</u> , University of Texas – Austin Public Health Intern Summer Program	2009-2010
<u>Member</u> , Qualifying Exam Committee, University of Texas School of Public Health. The purpose of this committee was to develop school-wide guidelines.	2009-2010
Scientific Consult, Episcopal Day School Science Fair Projects	2009-2011

Ghostwriter, newspaper article for Tu Salud Si Cuenta! mass media campaign: "One, Two, Three, Four... Steps to a Lifetime of Physical Activity" Brownsville Herald, Brownsville, TX	2009
Volunteer, H1N1 outbreak surveillance and prevention team	2009
Statistics Consultant, Volunteer Undergraduate Independent Research Project	2008
Event Staff Volunteer, Ray Tanner "Home" Run 12K and 5K runs, Miracle Mile Walk, and Kids Fun Run to benefit the Ray Tanner Foundation	2007
<u>Member</u> , University Athletics Advisory Committee, University of South Carolina	2006-2008
<u>Member</u> , Healthy Carolina Task Force, Physical Activity Subcommittee, University of South Carolina	2006-2008
Graduate Student Representative, University Athletics Advisory Committee, University of South Carolina	2006-2008