

## Jennifer Lynn Gay

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### 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 Research Specialist II, Department of Health Promotion, Education, and Behavior, University of South Carolina, Columbia, SC

2001-2002 Graduate Research Assistant, Department of Sport & Leisure Services, University of Nevada, Las Vegas

### 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, 2018-20, Fall 2014

Research Methods in Health Promotion (HPRB 7160; HPRB 7510) Fall 2012, 2017-20

Spring 2019-20

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

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, 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

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Instructor: Personal and Community Health (HPEB 321)

Spring & Fall  
2007

Applied Aspects of Human Nutrition (HPEB 502)

Spring 2008

### **Guest Lectures**

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

56. **Gay JL** & Buchner DM. Associations between office location and adiposity in office workers. (Accepted). *Journal of Occupational and Environmental Medicine*.

55. Weber Rawlins ML, Welch Bacon CE, Tomporowski P, **Gay JL**, Bierema L, Schmidt JD. (Accepted). A qualitative analysis of concussion reporting behavior in collegiate student-athletes with a sport-related concussion history. *Journal of Athletic Training*.

54. **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>

53. **Gay JL**, Cherof SA, LaFlamme CC, & O'Connor PJ. (2019). Psychological aspects of stair use: a systematic review. *American Journal of Lifestyle Medicine*. <https://doi.org/10.1177/1559827619870104>

52. 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>

51. 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.

50. 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.

49. **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.

48. 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.

47. 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.

46. **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.

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45. Prizer LP\*, **Gay JL**, Perkins M, Wilson M, Emerson K, Glass A, & Miyasaki J. (Accepted). A mixed-methods approach to understanding the palliative needs of Parkinson's patients. *Journal of Applied Gerontology*.
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, Yazdanehpas 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, & Mulienburg 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, Reiningger 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, Yazdanehpas 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. Yasdansehpas 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.

<http://www.scopemed.org/fulltextpdf.php?mno=173773>.

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. Online at <http://www.springerlink.com/openurl.asp?genre=article&id=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 4<sup>th</sup> 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. Olivier VL, **Gay JL**, Monsma EV, & Hein KD. Examining younger age at menarche in Mexican-American girls. Manuscript submitted for peer-reviewed publication.

2. Sattler E, **Gay JL**, & Washington A. Effect of a mindful eating intervention on weight management in overweight and obese postmenopausal breast cancer survivors: a pilot study. Manuscript submitted for peer-reviewed publication.

3. Weber Rawlins ML, Welch Bacon CE, Tomporowski P, **Gay J**, Bierema L, Schmidt JD. Using the health belief model to predict concussion reporting intentions and behavior. Manuscript submitted for peer-reviewed publication.

4. Tahir A, Martinez PJ, Ahmad F, Fisher-Hoch SP, **Gay JL**, Mirza S, Chaudhary SU. An evaluation of lipid profile and pro-inflammatory cytokines as determinants of cardiovascular disease in diabetics. Manuscript submitted for peer-reviewed publication.

5. Weber Rawlins ML, Welch Bacon CE, Tomporowski P, **Gay JL**, Bierema L, Schmidt JD. Influence of masculinity, optimism bias, and perceived pressure from stakeholders on student-athlete concussion reporting intentions and behavior.

6. Wolff M, O'Connor P, Wilson M, Gay J. Associations between occupational and leisure-time physical activity with employee stress, burnout and well-being among a national sample of healthcare industry workers. Manuscript submitted for peer-reviewed publication.

## III. Book Chapters and Policy Briefs

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

Barroso CS & Gay J. (2011). Salud America! Pilot Investigator Project Update/Results. Robert Wood Johnson Foundation. <http://www.salud-america.org/sites/www.salud-america.org/files/upload/barroso2011.pdf>

## V. Published Abstracts

17. Smith A, Torres-McGehee T, Monsma E, & **Gay J**. (2018). *Prevalence of eating disorder risk and body image perceptions of collegiate cheerleading coaches*. *Journal of Sports Medicine and Allied Health Sciences: Official Journal of the Ohio Athletic Trainers Association*, 4(1).



16. Monsma EV, **Gay JL**, & Torres-McGehee T. (2016). Body image and psychological functioning in collegiate cheerleaders. *J Sport Exerc Psychol*, 38(June Supplement), S234.
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.
13. **Gay JL** & Buchner DM. (2015). Dose-response association between physical activity and A1C: examining intensity and bout length. *Ann Behav Med*, 49(1 Suppl), S118.
12. Shelnett S & **Gay JL**. (2013). Substance use and body image amongst school-aged children on the Texas/Mexico border. *Ann Behav Med*, 45(2 Suppl), S241.
11. **Gay J**, Buchner D & Salinas J. (2013). The contribution of occupation to racial and ethnic disparities in physical activity. *Ann Behav Med*, 45(2 Suppl), S32.
10. Perreault ME, Monsma EV, **Gay JL**, & Seiler BD. (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). *J Sport Exerc Psychol*, 34(June Supplement), S270-S271.
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). 5<sup>th</sup> 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**

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.

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). 11<sup>th</sup> 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. (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**

11. 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/>

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](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

NSF Ma (PI) 08/01/19-07/31/22  
 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

### Internal Funding

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

### External Funding (Completed)

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 Giraud (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)

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

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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

## D. Press, Recognitions, and Outstanding Achievements

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, <a href="http://www.uga.edu/faculty/profile/jennifer-gay/">http://www.uga.edu/faculty/profile/jennifer-gay/</a>	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; <a href="http://ctl.uga.edu/teacher-of-the-week/jgay">http://ctl.uga.edu/teacher-of-the-week/jgay</a> )	2016
Career Center Recognition for supporting students' career development and success, University of Georgia	2014-16, 2018
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
2008 Summer Dissertation Fellowship, The Graduate School, University of South Carolina; Awarded for excellence in doctoral studies and to facilitate program completion for August graduation	2008
2007-2008 Outstanding Doctoral Student Award, Department of Health Promotion, Education, and Behavior, Arnold School of Public Health, University of South Carolina	2008
Dean's Student Travel Award – Summer Arnold School of Public Health, University of South Carolina; Competitive award to fund travel for presenting research with matching funds from the Department of Health Promotion, Education, and Behavior	2008



Nominee, USC Education Foundation Outstanding Graduate Teaching Assistant Award Department of Health Promotion, Education, and Behavior, Arnold School of Public Health, University of South Carolina	2008
The Graduate School Fall Travel Grant, University of South Carolina; Competitive award to fund travel for presenting research	2007
Dean's Student Travel Award – Fall Arnold School of Public Health, University of South Carolina Competitive award to fund travel for presenting research with matching funds from the Department of Health Promotion, Education, and Behavior	2007
William F. Harrah College of Hotel Administration Masters Fellowship, University of Nevada, Las Vegas; Full tuition and stipend for Masters program	2001-2002

## 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

Course Adviser – All Levels	Research Mentor – Undergraduate	Research Mentor – Graduate	MPH Capstone/MS Thesis Committee	Doctoral Comprehensive Exam Committee	Doctoral Dissertation Committee
31	14	2	34	8	9

\*Includes students from University of Georgia, University of Texas Health Science Center, University of South Carolina. Chaired 5 of 9 Dissertation Committees.

## G. Conference Presentations

### International

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. 5<sup>th</sup> 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 5<sup>th</sup> International Congress on Physical Activity and Public Health, Rio de Janeiro, Brazil.

**Gay JL**, Salinas JJ, Buchner DM, Mirza S, Kohl, III HW, Reiningger 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 4<sup>th</sup> 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 3<sup>rd</sup> 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 3<sup>rd</sup> 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**

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 7<sup>th</sup> 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 38<sup>th</sup> 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 69<sup>th</sup> 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 69<sup>th</sup> 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 48<sup>th</sup> 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**

Maas J, **Gay JL**, Ralston MS, VanDyck M, Cochran M. Greenways to Better Health. (October 18, 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 State Meeting, 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 4<sup>th</sup> 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**

Smith A, Torres-McGehee T, Bradley C, **Gay J**, Monsma E. Examination of uniform, position, and gender perceptions among cheerleading coaches. Abstract submitted for conference presentation.

Reina AM, **Gay JL**, Cui Z, Smith KN. The effects of yoga in deterring risk factors associated with metabolic syndrome in menopausal-aged women: a meta-analysis and systematic review. Abstract submitted for conference presentation.

Yang J, Mu L, Rajbhandari-Thapa J, Thapa K, **Gay J**, Zhang D. Geographic pattern and variation of childhood physical activity, physical fitness and their association with the built environment in Georgia. Abstract submitted for conference presentation.

## PUBLIC SERVICE

### Membership in Professional Organizations

Member, Society of Behavioral Medicine	2009-present
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>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

American Heart Association, Behavioral Sciences – Population Standing Peer Review Committee	2016-2019
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**

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, Society of Behavioral Medicine, American Public Health Association, South Carolina Public Health Association

**OTHER SERVICE****University of Georgia**

Unit Review Committee Co-Chair, Recreational Sports (2019-20)  
 Obesity Initiative Advisory Committee (2019-present)  
 Human Research Protection Program Policy Committee, Institutional Review Board (2018-present)  
 Member, President's Faculty Advisory Committee (2017-present)  
 Member, Faculty Admissions Committee (2016-present)  
 Chair, Faculty Admissions Committee (2017-2019)  
 Alternate Member, Institutional Review Board, University of Georgia (2016-2019)  
 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 (2014)  
 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 (2013)  
 Member of the eLearning Commons2 Early Adopters Program, Center for Teaching and Learning (2012-2013)  
 Member of the Obesity Initiative Instruction Team (2013 – present)  
 Advisory Board Member, Center for Physical Activity and Health (2013-2015)

**College of Public Health**

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)**

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

**Other University, State and Local Community Service**

Ghostwriter, newspaper article for Tu Salud Si Cuenta! mass media campaign: "Weight and Your Wallet" Brownsville Herald, Brownsville, TX	2011
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Mentor, Minority Biomedical Research Support, Research Initiative for Scientific Enhancement Program, University of Texas Brownsville (NIH funded program)	2010-2011
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Judge, 12 <sup>th</sup> 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