

Xuemei Sui, MD, MPH, PhD, FACSM

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EDUCATION

- 2012 University of South Carolina, Columbia, South Carolina
Terminal Degree: Doctor of Philosophy (Exercise Science)
Dissertation: "Longitudinal analyses of physical activity and cardiorespiratory fitness on adiposity and glucose levels"
Major professor: Steven N. Blair
- 2004 University of Alabama at Birmingham, Birmingham, Alabama
Terminal Degree: Master of Public Health (Biometry)
- 1998 Peking Union Medical College & Chinese Academy of Medical Sciences
Blood Disease Hospitals & Institute of Hematology, Beijing, China
Terminal Degree: Master of Science (Major in Pathology)
- 1995 Medical College of Qingdao University, Qingdao, China.
Terminal Degree: Bachelor of Medicine (M.D. Equivalent, after 5 years in medical school including practical training)

POSTDOCTORAL TRAINING/PROFESSIONAL DEVELOPMENT

- 2024 The Propel Research Mentorship Program
Sponsored by USC
Columbia, South Carolina, August 23, 2024- May 2, 2025
- 2010 Grants Technical Assistance Workshop for Minority & Emerging Scientists and Students Seeking Careers in Aging Research
Sponsored by NIA
New Orleans, Louisiana, November 18-19
- 2007 Physical activity and public health research course
Sponsored by CDC
Hilton Head Island, South Carolina, September 11-19
- 2006 Demographic analysis using the 2000 U.S. Census

Sponsored by Calm Rive Demographics
Dallas, Texas, December 5

- 2006 Scientific and professional writing skills workshop for junior faculty in minority aging research
Sponsored by Resource Centers for Minority Aging Research
& the Gerontological Society of America
Dallas, Texas, November 16
- 2006 NCHS workshop on National Health Interview Survey (NHIS)
Sponsored by NCHS, CDC
Hyattsville, Maryland, July 13
- 2006 Data Users Conference.
Sponsored by National Center for Health Statistics (NCHS), CDC.
Washington DC, July 10-12

ACADEMIC / PROFESSIONAL APPOINTMENTS

- 2018- Associate Professor
Department of Exercise Science
University of South Carolina, Columbia, SC
- 2012-2018 Assistant Professor
Department of Exercise Science
University of South Carolina, Columbia, SC
- 2010- 2012 Research Assistant Professor
Department of Exercise Science
University of South Carolina, Columbia, SC
- 2007-2010 Research Associate
Department of Exercise Science
University of South Carolina, Columbia, SC
- 2006-2007 Assistant Director
Center for Epidemiological Research
The Cooper Institute, Dallas, Texas
- 2004-2006 Data Manager

Center for Epidemiological Research
The Cooper Institute, Dallas, Texas

2003-2004 Research Assistant
 Division of Gerontology and Geriatric Medicine
 Center for Aging
 University of Alabama at Birmingham, Birmingham, Alabama

AWARDS/HONORS

2024 Thank-A-Teacher Recognition
2023 Thank-A-Teacher Recognition
2023 Delta Omega Honorary Society in Public Health
2023 Paul Dudley White International Scholar Award Abstract from the American Heart Association
2016 Fellow of the American College of Sports Medicine (FACSM)
2015 Breakthrough Star from the University of South Carolina
2008 Finalist for Sandra A. Daugherty Award for Excellence in Cardiovascular Disease or Hypertension Epidemiology from American Heart Association
2008 Top 10 Cited Paper (Uric acid and the development of metabolic syndrome in women and men, 57(6): 845-852) from Metabolism: Clinical and Experimental

OTHER CERTIFICATIONS

2006-2009 Health Promotion Director Certification from the Cooper Institute
2005-2008 SAS Certified Base Programmer

RESEARCH

MANUSCRIPTS UNDER REVIEW

(Underlined co-author names denote current or former student, or supervised visiting scholar or students)

1. Guo Q, Cao S, Shao J, Wei J, Xu X, Gao F, Zheng F, Wang B, Qin N, Wang Q, Zhao X, Wu F, Sui X, and Duan X. Physical activity patterns of Chinese population during COVID-19 pandemic. Journal of Sports Sciences.
2. Wu Y, Zhuang J, Zhu L, Wen A, Wu X, Gao G, Ruan X, Wang J, Sui X, Gou B, Wang Q. Research on the influence of Chinese students' physique level and exercise exposure time on the incidence rate of sports injuries. Journal of Exercise Science & Fitness.

3. Wei KC, Qin GY, Zhang JJ, **Sui X**. Causal inference based on propensity scores for observational studies with missing data. *Journal of Statistical Computation and Simulation*.
4. Wei KC, Qin GY, Zhang JJ, **Sui X**. Multiply robust estimation of the average treatment effect with missing data. *Statistics in Medicine*.
5. **Sui X**, Lavie CJ, Zhang J, Murray M, Malamug R, Campbell S, Kokkinos P. Cardiorespiratory fitness and mortality in patients with chronic kidney disease. *Mayo Clinic Proceedings*.

PEER REVIEWED PUBLICATIONS

(Underlined co-author names denote current or former student, or supervised visiting scholar or students; * indicates senior author)

2024

IN PRESS

1. Liu D, Han Q, Qiao L, Yu A, Gao Z, Shao J, Li T, Li S, **Sui X**, Wang Q. Soy peptide is more effective than marine collagen peptide in facilitating recovery of exercise-induced muscular injury. *Nutrients*.
2. Higgins J, Zhang J, Lavie CJ, **Sui X**. Non-exercise estimated cardiorespiratory fitness and all-cause mortality in cancer patients. *Journal of Clinical Medical Research*

IN PRINT

3. Sparks JR, Wang X, Lavie CJ, **Sui X***. Physical activity, cardiorespiratory fitness, and the obesity paradox with consideration for racial and /or ethnic differences: a broad review and call to action. *Reviews in Cardiovascular Medicine*. 2024;25(8):291.
4. Liu D, Wang B, Yu A, Gao Z, Shao J, Li T, Li S, **Sui X**, Duan S, Wang Q. The comparison of two different originated peptide in facilitating recovery of exercise-induced muscular fatigue. *Food Science and Technology Research*. 2024 August 21: [Online ahead of print].
5. Sparks JR, Wang X, Lavie CJ, Jakicic J, **Sui X***. Non-exercise estimated cardiorespiratory fitness and incident type 2 diabetes in adults. *Diabetes Research and Clinical Practice*. 2024 Jul 25:214:111791. [Online ahead of print].
6. Katsaroli I, Sidossis L, Katsagoni C, **Sui X**, Cadenas-Sanchez C, Myers J, Faselis C, Murphy R, Samuel I, Kokkinos P. The association between cardiorespiratory fitness and the risk of breast cancer in women. *Med Sci Sports Exerc*. 2024 Jan 10. [Online ahead of print.]
7. Pan C, Cai B, **Sui X**. A Bayesian proportional hazards mixture cure model for interval-censored data. *Lifetime Data Anal*. 2024;30(2):327-344.
8. Zhai X, Sawada SS, Shi M, Xiong C, Koriyama S, Dimitroff SA, **Sui X**, Fan X. *J Adolesc Health*. 2024; 74(5):892-899.

9. Sparks J, Wang X, Lavie CJ, Zhang J, **Sui X***. Cardiorespiratory fitness as a predictor of non-cardiovascular disease and non-cancer related mortality in men. *Mayo Clin Proc.* 2024;99(8):1261-1270.
10. Tsai KZ, Chu CC, Huang WC, **Sui X**, Lavie CJ, Lin GM. The combined effect of cardiorespiratory and muscular fitness on the incidence of metabolic syndrome before midlife. *Journal of Cachexia, Sarcopenia and Muscle.* 2024; 15:1483-1490.
11. Tsai KZ, Huang CM, Wang HS, **Sui X**, Lavie CJ, Lin GM. Does the guideline-based physical activity level for cardiovascular health also benefit periodontal health? *J Dent Sci.* 2024; 19(1):46-50.
12. Tsai KZ, Liu PY, Huang WC, Chu CC, **Sui X**, Lavie CJ, Lin GM. Oral health and physical performance in Asian military males: The cardiorespiratory fitness and health in armed forces. *J Dent Sci.* 2024; 19(2):998-1003.
13. Tsai KZ, Chu CC, Huang WC, **Sui X**, Lavie CJ, Lin GM. Prediction of various insulin resistance indices for the risk of hypertension among military young adults: the CHIEF cohort study, 2014-2020. *Cardiovasc Diabetol.* 2024;23(1):141.
14. Han Q, Qiao L, Yin L, **Sui X**, Shao W, Wang Q. The effect of exercise training intervention for patients with abdominal aortic aneurysm on cardiovascular and cardiorespiratory variables: an updated meta-analysis of randomized controlled trials. *BMC Cardiovasc Disord.* 2024;24(1):80.
15. Mao Y, Wang L, Lin X, **Sui X**. Bayesian variable selection in joint modeling of longitudinal data and interval-censored failure time data. *Res Sq [Preprint].* 2024 Apr 18: rs.3.rs-4254893.

2023

16. Tsai KZ, Huang WC, Chang YC, Kwon Y, **Sui X**, Laive CJ, Lin GM. Localized periodontitis severity associated with carotid intima-media thickness in young adults: CHIEF atherosclerosis study. *Sci Rep.* 2023;13(1): 10523.
17. Tsai KZ, Liu PY, Lin YP, Chu CC, Huang WC, **Sui X**, Laive CJ, Lin GM. Do the American guideline-based leisure time physical activity levels for civilians benefit the mental health of military personnel? *Front Psychiatry.* 2023; 14:1255516.
18. Kokkinos P, Faselis C, Pittaras A, Samuel I, Lavie CJ, Vargas JD, LaMonte M, Franklin B, Assimes TL, Murphy R, Zhang J, **Sui X**, Myers J. Cardiorespiratory fitness and risk of heart failure with preserved ejection fraction. *European Journal of Heart Failure.* 2023. Dec 28 [Online ahead of print]
19. Li TY, Rui Z, Mao L, Chang Y, Shao J, Chen Y, Han Q, **Sui X**, An N, Li H, Feng H, Jing T, Wang Q. Eight weeks of *Bifidobacterium lactis* BL-99 supplementation improves lipid metabolism and sports performance through short-chain-fatty acids in cross-country skiers: a preliminary study. *Nutrients.* 2023;15(21):4554.
20. Havnen A, Zotcheva E, Bjerkeset O, **Sui X**, and Ernstsens L. Cardiorespiratory fitness and incident use of anxiolytics and antidepressants in adults. A linkage study between HUNT and the Norwegian Prescription Database. *J Affect Disord.* 2023;339:111-117.
21. Lin GM, Tsai KZ, Lee DC, **Sui X** and Lavie CJ. Mean power output for muscular endurance exercises and maximal oxygen uptake in military young adults. *Medicine (Baltimore).* 2023;102 (42): e35578.

22. Sloan RA, Kim Y, Kenyon J, Visentini-Scarzanella M, Sawada SS, **Sui X**, Lee IM, Myers JN, Lavie CJ. Association between estimated cardiorespiratory fitness and abnormal glucose risk: a cohort study. *J Clin Med*. 2023; 12(7):2740.
23. Gates M, Patel PH, Ernstsens L, Zhang J, Lavie CJ, **Sui X**. Incremental increases in non-exercise estimated fitness reduce subsequent depressive symptoms. *Journal of Clinical Medical Research*. 2023;4(1): 1-9.
24. Lin GM, Tsai K-Z, **Sui X** and Lavie CJ. Estimated power output for a distance run and maximal oxygen uptake in young adults. *Front. Physiol*. 2023;14:1110802.
25. Saavedra JM, Brellenthin AG, Song BK, Lee DC, **Sui X**, Blair SN. Association of cardiorespiratory fitness and body mass index with incident restrictive Spirometry Pattern. *Br J Sports Med*. 2023;57(16):1011-1017.
26. Zhang J, Chen J, **Sui X**, Drenowatz C, Wang Q. Association between different types of exercise and intake of nutrients including carbohydrate, fat, protein, and B-vitamins in young adults. *Nutrients* 2023;15(4):806.
27. Liu D, Li X, Han Q, Zhang B, Wei X, Li S, Sui X*, and Wang Q*. Assessing physical activity levels among Chinese college students by BMI, HR and multi-sensor activity monitors. *IJERPH*. 2023;20(6):5184. **Authors are both correspondence.**
28. Tsai KZ, Huang RY, Cheng WC, Han CL, Huang WC, **Sui X**, Lavie CJ, Lin GM. Association between dental calculus and hypertension phenotypes in highly fit adults: CHIEF Oral Health Study. *Am J Hypertens*. 2023; 36 (2):102-108.
29. Yang J, Han Q, Liu Q, Li T, Shao Y, **Sui X**, and Wang Q. Effects of carbohydrate drinks ingestion on executive function in athletes: a systematic review and meta-analysis. *Front Psychol*. 2023; 14:1183460.
30. de Lima TR, González-Chica DA, D' Orsi E, Moreno YMF, **Sui X**, Silva DAS. Muscle strength assessed by handgrip strength moderates the relationship between overweight and obesity with cardiometabolic risk markers among adults and older adults. *Res Q Exerc Sport*. 2023; 94(2):409-417.
31. Silva DAS, de Lima TR, Lavie CJ, **Sui X**. Association between cardiorespiratory fitness and low back pain is anxiety-dependent: a prospective cohort study among adults and older adults. *J Sports Sci*. 2023;41(10):947-954.
32. Ernstsens L, Zotcheva E, **Sui X**, Engstrøm M, Martínez-Velilla N, Bjerkeset O, Bjorvatn B, Havnen A. Association between cardiorespiratory fitness and incident purchase of hypnotic drugs in adults: the HUNT Study. *Mayo Clin Proc*. 2023;98(2): 229-238.
33. Tsai KZ, Huang WC, **Sui X**, Lavie CJ, Lin GM. Moderate or greater daily coffee consumption is associated with lower incidence of metabolic syndrome in Taiwanese militaries: results from the CHIEF cohort study. *Front Nutr*. 2023; 10:1321916.

2022

34. Li S, Wang L, Song X, **Sui X**. Simultaneous variable selection for joint models of multivariate interval-censored data. *Biometrics*. 2022; 78(4):1402-1413.
35. Lin GM, Tsai KZ, Chang YC, Huang WC, **Sui X**, Lavie CJ. Muscular strength and carotid intima-media thickness in physically fit young adults: the CHIEF Atherosclerosis Study. *J Clin Med*. 2022;11(18):5462.

36. **Sui X**, Sarzynski MA, Gribben N, Zhang J, Lavie CJ. Cardiorespiratory fitness and the risk of all-cause, cardiovascular and cancer mortality in men with hypercholesterolemia. *J Clin Med*. 2022;11(17):5211.
37. Sloan R, Visentini-Scarzanella M, Sawada S, **Sui X**, Myers J. Estimating cardiorespiratory fitness without exercise testing or physical activity status in healthy adults: regression model development and validation. *JMIR Public Health and Surveillance*. 2022;8(7):e34717.
38. Ortaglia A, Stansbury ML, Wirth MD, **Sui X**, Bottai M. Quantile differences in the age-related decline in cardiorespiratory fitness between sexes in adults without type 2 diabetes mellitus in the United States. *Mayo Clin Proc Innov Qual Outcomes*. 2022;6(4):302-310.
39. Pfeifer CE, Ross LM, Weber SR, **Sui X**, Blair SN. Are flexibility and muscle-strengthening activities associated with functional limitation? *Sports Medicine and Health Science*. 2022;4(2):95-100.
40. Kokkinos P, Faselis C, Samuel I, Moumas M, Pittaras A, Murphy R, Heimal M, **Sui X**, Zhang J, Myers J. Cardiorespiratory fitness and mortality risk across the spectrum of age, race, and gender. *JACC*. 2022; 80(6):598-609.
41. Sun Q, Chen S, Wang Y, Zhang J, Lavie CJ, **Sui X**. Cross-validation of non-exercise estimated cardiorespiratory fitness: The NHANES Study. *Journal of Clinical Medical Research*. 2022;3 (1): 1-19.
42. de Lima TR, Martins PC, Moreno YMF, Chaput, JP, Tremblay MS, **Sui X**, Silva DA. Muscle strength and cardiometabolic variables in children and adolescents: a systematic review. *Sports Med*. 2022; 52(7):1555-1575.
43. Patel PH, Gates M, Kokkinos P, Lavie CJ, Zhang J, **Sui X**. Non-exercise estimated fitness and incident hypertension. *Am J Med*. 2022;135(7):906-914.
44. Houle S, **Sui X**, Blair SN, Ross R. Association between change in nonexercised estimated cardiorespiratory fitness and mortality in men. *Mayo Clin Proc Innov Qual Outcomes*. 2022; 6(2): 106-113.
45. de Lima TR, Gonzalez-Chica DA, **Sui X**, Silva DA. The independent and joint associations among muscle strength, abdominal obesity and cardiometabolic variables among adults. *Eur J Sport Sci*. 2022;22(7):1122-1131.

2021

46. Huang J, Li Y, Brellenthin AG, Lee DC, **Sui X**, Blair SN. Causal mediation analysis between resistance exercise and reduced risk of cardiovascular disease based on the Aerobics Center Longitudinal Study. *J Appl Stat*. 2021;49(14):3750-3767.
47. Gutierrez-Martinez L, Brellenthin AG, Lefferts EC, Lee Duck-chul, **Sui X**, Lavie CJ, Blair SN. Resting heart rate and risk of cancer mortality. *Cancer Epidemiol Biomarkers Prev*. 2021 Jun; 30(6):1072-1078.
48. de Lima TR, Gonzalez-Chica DA, D'Orsi E, **Sui X**, Silva DA. Individual and combined association between healthy lifestyle habits with muscle strength according to cardiovascular health status in adults and older adults. *Journal of Physical Activity and Health*. 2021;18:973-980.
49. de Lima TR, **Sui X**, de Lima LRA, Silva DA. Muscle strength and its association with cardiometabolic variables in adolescents: does the expression of muscle strength values matter? *World Journal of Pediatrics*. 2021; 17:597-608.

50. de Lima TR, Gonzalez-Chica D, D'Orsi E, **Sui X**, Silva D. Muscle strength cut-points for metabolic syndrome detection among adults and the elderly from Brazil. *Appl Physiol Nutr Metab.* 2021; 46(4):379-388.
51. Wei KC, Qin GY, Zhang J, **Sui X**. Doubly robust estimation in causal inference with missing data: an application to the Aerobics Center Longitudinal Study. *Computational Statistics & Data Analysis.* 2022; 168: 107399.
52. de Lima TR, **Sui X**, Silva DAS. Normalization of Muscle Strength Measurements in the Assessment of Cardiometabolic Risk Factors in Adolescents. *Int. J. Environ. Res. Public Health* 2021;18(16):8428.
53. Ortaglia A, McDonald SM, Wirth MD, **Sui X**, Bottai M. Differential age-related declines in cardiorespiratory fitness between people with and without type 2 diabetes. *Mayo Clin Proc Innov Qual Outcomes.* 2021 Aug;5(4):743-752.
54. Brellenthin AG, Lee Duck-chul, Bennie JA, **Sui X**, Blair SN. Resistance exercise, alone and in combination with aerobic exercise, and obesity in Dallas, Texas, US: A prospective cohort study. *PLoS Med.* 2021 Jun; 18(6): e1003687.
55. Coelho-Ravagnani CF, Almeida JA, **Sui X**, Ravagnani FCP, Pate RR, Blair SN. Changes in compliance with physical activity guidelines and cardiovascular disease mortality. *J Phys Act Health.* 2021 Apr 9;18(6):638-643.
56. Nauman J, Arena R, Zisko N, **Sui X**, Lavie CJ, Laukkanen JA, Blair SN, Dunn P, Nes BMI, Tari AR, Stensvold D, Whitsel LP, Wisølf U. Temporal changes in personal activity intelligence and mortality: Data from the Aerobics Center Longitudinal Study. *Prog Cardiovasc Dis.* 2021;64:127-134.
57. Nauman J, **Sui X**, Lavie CJ, Wen CP, Laukkanen JA, Blair SN, Dunn P, Arena R, Wisølf U. Personal activity intelligence and mortality – Data from the Aerobics Center Longitudinal Study. *Prog Cardiovasc Dis.* 2021; 64:121-126.

2020

58. Maranhao Neto GA, Alves I, Lattari E, Oliveira AJ, Machado S, Neto SM, **Sui X**. Association between type 2 diabetes and non-exercise estimated cardiorespiratory fitness among adults: evidences from a middle-income country. *Public Health.* 2020; 189: 110-114.
59. Nelms MW, Day AG, **Sui X**, Blair SN, Ross R. Waist circumference does not improve established cardiovascular disease risk prediction modeling. *PLoS One.* 2020 Oct 2;15(10):e0240214.
60. Ortaglia A, McDonald SM, Supino C, Wirth MD, **Sui X**, Bottai M. Differential relationships between waist circumference and cardiorespiratory fitness among people with and without type 2 diabetes. *Prev Med Rep.* 2020 Jun;18:101083.
61. Carpenter CA, Miller MC, **Sui X**, West DS. Weight status and sedentary behavior of Alzheimer's disease caregivers. *Am J Health Behav.* 2020 Jan 1; 44(1):3-12.
62. McDonald SM, Yeo S, Liu J, Wilcox S, **Sui X**, Pate RR. Association between change in maternal physical activity during pregnancy and infant size, in a sample overweight or obese women. *Women Health.* 2020 Sept; 60(8):929-938.
63. Zhou J, Zhang J, McLain AC, Lu W, **Sui X**, Hardin JW. Semiparametric regression of the illness-death model with interval censored disease incidence time: an application to the ACLS data. *Stat Methods Med Res.* 2020 Dec; 29(12):3707-3720.

2019

64. Jimenez-Pavon D, Brellenthin AG, Lee DC, **Sui X**, Blair SN, Lavie CJ. Role of muscular strength on the risk of sudden cardiac death in men. *Mayo Clin Proc.* 2019 Dec;94(12):2589-2591.
65. Clennin MN, Dowda M, **Sui X**, Pate RR. Area-level socioeconomic environment and cardiorespiratory fitness in youth. *MSSE.* 2019 Dec;51(12):2474-2481.
66. Lavie CJ, Kachur S, **Sui X**. Impact of fitness and changes in fitness on lipids and survival. *Prog Cardiovasc Dis.* 2019; 62:431-435.
67. Guinter MA, Merchant AT, Tabung FK, Wirth MD, Shivappa N, Hurley TG, Hebert JR, **Sui X**, Blair SN, Steck SE. Adiposity does not modify the effect of the dietary inflammatory potential on type 2 diabetes incidence among a prospective cohort of men. *Journal of Nutrition & Intermediary Metabolism.* 2019 March 1;16:100095.
68. Wolfson J, Stovitz SD, Blair SN, **Sui X**, Lee DC, Shrier I. Decomposing the effects of physical activity and cardiorespiratory fitness on mortality. *Global Epidemiology.* 2019 Sept 13;1:100009.
69. Ross LM, Barber JL, McLain AC, Weaver RG, **Sui X**, Blair SN, Sarzynski MA. The association of cardiorespiratory fitness and ideal cardiovascular health in the Aerobics Center Longitudinal Study. *J Phys Act Health.* 2019 Nov; 16 (11):968-975.
70. Zhou J, Zhang J, McLain AC, Lu W, **Sui X**, Hardin JW. A varying-coefficient generalized odds rate model with time-varying exposure: an application to fitness and cardiovascular disease mortality. *Biometrics.* 2019 Sep;75(3):853-863.
71. Christofaro DGD, Turi-Lynch BC, Lynch KR, Tebar WR, Fernandes RA, Tebar FG, Mielke GI, **Sui X**. Parents' lifestyle, sedentary behavior, and physical activity in their children: a cross-sectional study in Brazil. *J Phys Act Health.* 2019 Aug 1;16(8):631-636.
72. Yu WW, Randhawa AK, Blair SN, **Sui X**, Kuk JL. Age- and sex- specific all-cause mortality risk greatest in metabolic syndrome combinations with elevated blood pressure from 7 U.S. cohorts. *PLoS One.* 2019 Jun 13;14(6):e0218307.
73. Chandler JL, Brazendale K, Drenowatz C, Moore JB, **Sui X**, Weaver RG, Beets MW. Structure of physical activity opportunities contribution to children's physical activity levels in after-school programs. *J Phys Act Health.* 2019 Jun 27;16(7):512-517.
74. Wang Y, Lee DC, Brellenthin AG, Eijsvogels TMH, **Sui X**, Church TS, Lavie CJ, Blair SN. Leisure-time running reduces the risk of incident Type 2 diabetes. *Am J Med.* 2019 Oct; 132(10):1225-1232.
75. Cavero-Redondo I, **Sui X**, Blair SN, Lavie CJ, Alvarez-Bueno C, Martinez-Vizcaino V. Lifetime predictors of stroke in subjects without a diagnosis of hypertension: the Aerobics Center Longitudinal Study. *Neuropsychiatr Dis Treat.* 2019 Apr 8;15:849-856.
76. Shigdel R, Dalen H, **Sui X**, Lavie CJ, Wisløff U, Erntsen L. Cardiorespiratory fitness and the risk of first acute myocardial infarction: The HUNT Study. *J Am Heart Assoc.* 2019 May 7;8(9):e010293.
77. Shigdel R, Stubbs B, **Sui X**, Erntsen L. Cross-sectional and longitudinal association of non-exercise estimated cardiorespiratory fitness with depression and anxiety in the general population: The HUNT Study. *J Affect Disord.* 2019 Apr 8;252:122-129.

78. Wang Y, Lee DC, Brellenthin AG, **Sui X**, Church TS, Lavie CJ, Blair SN. Association of muscular strength and incidence of Type 2 diabetes. *Mayo Clin Proc*. 2019 Apr;94(4):643-651.
79. Lemes IR, **Sui X**, Fernandes RA, Blair SN, Turi-Lynch BC, Codogno JS, Monteiro HL. Association of sedentary behavior and metabolic syndrome. *Public Health*. 2019;167:96-102.
80. Lemes IR, **Sui X**, Fritz SL, Beattie PF, Lavie CJ, Turi-Lynch BC, Blair SN. Cardiorespiratory fitness and risk of all-cause, cardiovascular disease, and cancer mortality in men with musculoskeletal conditions. *J Phys Act Health*. 2019 Feb 1;16(2):134-140.
81. Bhoohibhoya A, Qiao S, Mao Y, Zhou Y, Shen Z, **Sui X**, Li X. Physical activity, depression, and antiretroviral therapy adherence among people living with HIV: a mediation analysis. *J Assoc Nurses AIDS Care*. 2019 Sep-Oct; 30(5):556-562.
82. Turi-Lynch BC, Monteiro HL, Fernandes RA, **Sui X**, Lemes IR, Codogno JS. Impact of sports participation on mortality rates among Brazilian adults. *J Sports Sci*. 2019 Jul;37(13):1443-1448.
83. Breneman CB, Kline CE, West D, **Sui X**, Wang X. The effect of structured exercise on sleep during the corresponding night among older women in an exercise program. *J Aging Phys Act*. 2019 Aug 1;27(4):482-488.
84. Liu Y, Lee DC, Li Y, Zhu W, Zhang R, **Sui X**, Lavie CJ, Blair SN. Associations of resistance exercise with cardiovascular disease morbidity and mortality. *Med Sci Sports Exerc*. 2019 Mar;51(3):499-508.
85. deLannoy L, **Sui X**, Blair SN, Ross R. All-cause mortality risk among active and inactive adults matched for cardiorespiratory fitness. *Eur J Prev Cardiol*. 2019 Mar;26(5):554-556.
86. Wang Y, Chen S, Lavie CJ, Zhang J, **Sui X**. An overview of non-exercise estimated cardiorespiratory fitness: estimation equations, cross-validation and application. *Journal of Science in Sport and Exercise*. 2019;1:38-53.
87. Lemes IR, **Sui X**, Turi-Lynch BC, Blair SN, Fernandes RA, Codogno JS, Monteiro HL. Association of TV viewing and all-cause mortality in older adults with hypertension: a 6-year longitudinal study. *J Aging Phys Act*. 2019 Jun 1;27(3):378-383.
88. McDonald SM, Liu J, Wilcox S, **Sui X**, Pate RR. Maternal physical activity prior to and during pregnancy does not moderate the relationship between maternal body mass index and infant macrosomia. *J Sci Med Sport*. 2019 Feb; 22(2):186-190.
89. Breneman CB, Kline CE, West DS, **Sui X**, Porter RR, Bowyer KP, Custer S, Wang X. The effect of moderate-intensity exercise on nightly variability in objectively measured sleep parameters among older women. *Behav Sleep Med*. 2019 Jul-Aug;17(4):459-469.
90. Lemes IR, **Sui X**, Turi-Lynch BC, Lee DC, Blair SN, Fernandes RA, Codogno JS, Monteiro HL. Sedentary behavior is associated with diabetes mellitus in adults: findings from a cross-sectional analysis from the Brazilian National Health System. *J Public Health (Oxf)*. 2019;41(4):742-749.

91. Chandler J, Beets M, Saint-Maurice P, Weaver R, Cliff D, Drenowatz C, Moore JB, **Sui X**, Brazendale K. Wrist-based accelerometer cut-points to identify sedentary time in 5-11-year-old children. *Children (Basel)*. 2018 Oct;5(10):137.
92. Ortega FB, Cadenas-Sanchez C, Migueles JH, Labayen I, Ruiz JR, **Sui X**, Blair SN, Martinez-Vizcaino V, Lavie CJ. Role of physical activity and fitness in the characterization and prognosis of the metabolically healthy obesity phenotype: a systematic review and meta-analysis. *Prog Cardiovasc Dis*. 2018 Jul – Aug;61(2):190-205.
93. McDonald SM, Yeo S, Liu J, Wilcox S, **Sui X**, Pate RR. Association between maternal physical activity and fitness during pregnancy and infant birthweight. *Prev med Rep*. 2018 Apr 27;11:1-6.
94. Kuk JL, Rotondi M, **Sui X**, Blair SN, Ardern CI. Individuals with obesity but no other metabolic risk factors are not at significantly elevated all-cause mortality risk in men and women. *Clin Obes*. 2018 Oct;8(5):305-312.
95. Meier NF, Lee DC, **Sui X**, Blair SN. Physical activity, cardiorespiratory fitness, and incident glaucoma. *Med Sci Sports Exerc*. 2018 Nov;50(11):2253-2258.
96. **Sui X**, Howard VJ, McDonnell MN, Ernstsens L, Flaherty ML, Hooker SP, Lavie CJ. Racial differences in the association between nonexercised estimated cardiorespiratory fitness and incident stroke. *Mayo Clin Proc*. 2018 Jul;93(7):884-894.
97. Bakker EA, **Sui X**, Brellenthin AG, Lee DC. Physical activity and fitness for the prevention of hypertension. *Curr Opin Cardiol*. 2018 Jul;33(4):394-401.
98. Lavie CJ, **Sui X**, Milani RV. Emotional distress after myocardial infarction: importance of cardiorespiratory fitness. *Eur J Prev Cardiol*. 2018 Jun; 25(9):906-909.
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NON-PEER REVIEWED PUBLICATIONS

(Underlined co-author names denote current or former student, or supervised visiting scholar or students)

1. Becofsky KM, Sui X, Lee DC. Three Authors Reply. *Am J Epidemiol* 2015 August 1;182(3):279.
2. Lee DC, Pate RR, Lavie CJ, Sui X, Church TS, Blair SN. Reply: "add 10 min for your health": the new Japanese recommendation for physical activity based on dose-response analysis. *J Am Coll Cardiol* 2015 March 24;65(11):1154-5.
3. Becofsky KM, Sui X, Lee DC, Wilcox S, Blair SN. Becofsky et Al. Respond to "misclassifying fitness and depression". *Am J Epidemiol* 2015 March 1;181(5):325-6.
4. Hardee J, Sui X, Blair SN, Lavie CJ. In reply-Resistance Training and Cancer Survival. *Mayo Clin Proc* 2014 October;89(10):1465-6.
5. Liu J, Sui X, Blair SN, Lavie CJ. In reply--is coffee harmful? If looking for longevity, say yes to the coffee, no to the sugar. *Mayo Clin Proc* 2014 April;89(4):577.
6. Liu J, Sui X, Blair SN, Lavie CJ. In reply--Association of coffee consumption with all-cause and cardiovascular disease mortality. *Mayo Clin Proc* 2013 December;88(12):1493-4.
7. McAuley PA, Sui X, Blair SN. Letter by McAuley et al regarding article, "Impact of body mass index and the metabolic syndrome on the risk of cardiovascular disease and death in middle-aged men". *Circulation* 2010 September 14;122(11):e455.

• Invited Talk

1. *Physical Activity Epidemiology Study Design and Application*, 2022 National Physical Education and Sport Science Graduate Core Curriculum "Research Methods of Sports Science" Backbone Teachers Seminar and International Forum", Shanxi Normal University, Taiyuan, Shanxi, China, December 17, 2022.
2. *Sedentary behavior: the new frontier for behavior change*, The 2nd International Forum on "Exercise and Healthy China 2030", Beijing Sport University, Beijing, China, June 9, 2018.
3. *Beyond exercise – feasible ways of estimating fitness in clinical settings*, Presented in: The Role of Exercise and Physical Fitness in Modern Medicine Symposium, Southeast Chapter of the ACSM, Greenville, SC, USA, February 20, 2016.
4. *Cohort study design and data management*, International Forum for EIM-OC, Beijing Sport University, Beijing, China, January 6, 2016.
5. *Advanced research on energy balance*, 513rd Xiangshan Conference on Physical Activity and Health, Beijing, China, November 26, 2014.
6. *Fitness vs. fatness: is it more important to be 'fit' or 'not fat'?*, ACSM's 60th Scientific Symposium, Indianapolis, Indiana, USA, June 1, 2013.

• Invited Seminar Presentations

1. *Physical activity: wonder drug for health*, Shanxi Normal University, Taiyuan, China, July 4, 2024.
2. *Physical activity: wonder drug for health*, Physical Education, School of Shaanxi Normal University, Xian, China, July 2, 2024.

3. *Tips for publishing in peer-reviewed journals*, Beijing Sport University, Beijing, China, January 5, 2016.
4. *Cohort study design and its application in the area of physical activity*, Beijing Sport University, Beijing, China, January 5, 2016.
5. *An overview of data management and data sharing in research*, Beijing Sport University, Beijing, China, January 5, 2016.
6. *The health benefits of physical activity*, Beijing Sport University, Beijing, China, November 27, 2014.
7. *Modern environment induced sedentary lifestyle: what can we do to lead an active life?*, Fujian Medical University, Quanzhou, China, December 19, 2013.
8. *Tips for publishing in peer-reviewed journals*, Beijing Sport University, Beijing, China, December 16, 2013.
9. ACLS Research in the University of South Carolina, Beijing Sport University, Beijing, China, January 11, 2010.

- **Workshop**

10. *Physical Activity Epidemiology workshop*, Beijing Sport University, Beijing, China, December 27, 2011-January 6, 2012.

- **Contributed Talk with Abstract Published**

11. **Sui X**, Lavie CJ, Zhang J, Murray M, Malamug Reubinedde, Kokkinos P. Cardiorespiratory fitness and mortality in patients with chronic kidney disease, American College of Sports Medicine's 70th Annual meeting, Denver, CO, May 30- June 3, 2023.
12. **Sui X**, Meriwether RA, Hand GA, Wilcox S, Dowda M, and Blair SN. *Electronic feedback in a diet and physical activity-based lifestyle intervention for weight loss: randomized controlled trial*, the 50th Cardiovascular Disease Epidemiology and Prevention Annual Conference, San Francisco, CA, March 3, 2010.
13. **Sui X**, Lee Duck-chul, Matthews CE, Adams SA, Hébert JR, Church TS, and Blair SN. *Cardiorespiratory fitness and the risk of lung cancer mortality in the Aerobics Center of Longitudinal Study*, American College of Sports Medicine's 56th Annual meeting, Seattle, WA, May 27-30, 2009.
14. **Sui X**, Ruiz JR, Morrow JR, Jackson AW, Hooker SP, Lobelo F, and Blair SN. *Muscular fitness, fatness, and cancer mortality in men*, American College of Sports Medicine's 55th Annual meeting, Indianapolis, IN, May 28-31, 2008. *MSSE*. 2008;40(5):S35.

- **Poster Presentation with Abstract Published**

15. **Sui X**, Samuel I, Murphy R, Sidossis L, Faselis C, Myers J, and Kokkinos P. Cardiorespiratory fitness and risk of lung cancer among smokers and non-smokers. ePoster presented at the American College of Sports Medicine 68th Annual meeting, world congress on Exercise is Medicine, and world congress on the Basic Science of Exercise in Regenerative Medicine, June 1-5, 2021.
16. **Sui X**, Qiao S, Mao Y, Zhou Y, Li X. Relationship of physical activity and quality of life during ART treatment among people living with HIV. Poster presented at the American

College of Sports Medicine 66th annual meeting, 10th World congress on Exercise is Medicine, and World Congress on the Basic Science of Exercise, Circadian Rhythms and Sleep, Orlando, FL, May 29, 2019.

17. **Sui X**, Howard VJ, McDonnell M, Ernstsens L, Lavie CJ and Hooker SP. *Impact of race and non-exercise estimated cardiorespiratory fitness on incident stroke: The Regards Study*. Poster (#2739) presented at the American College of Sports Medicine 64rd annual meeting, 8th World congress on Exercise is Medicine, and World Congress on the Basic Science of Exercise and the Brain, Denver, CO, June 2, 2017.
18. **Sui X**, Howard VJ, McDonnell M, Ernstsens L, Lavie CJ and Hooker SP. *Impact of race and non-exercise estimated cardiorespiratory fitness on stroke*. Poster (P257) presented at the 2017 annual meeting of the Southeast Chapter of the ACSM in Greenville, SC, February 18, 2017.
19. **Sui X**, Zhang J, Kokkinos PF, Lavie CJ, Lee DC, Church TS, and Blair SN. *Longitudinal patterns of cardiorespiratory fitness can predict the development of hypertension among men and women*. Poster (#70) presented at the American College of Sports Medicine 62nd annual meeting and sixth World congress on Exercise is Medicine and World Congress on the Basic Science of Exercise Fatigue, San Diego, CA, May 27, 2015.
20. **Sui X**, Payne J, and Blair SN. *Automated feedback in a diet- and physical activity-based lifestyle intervention for weight loss in a healthcare setting: a feasibility trial*. Poster (F-3) presented at the 2014 SEC Symposium: Prevention of Obesity: Overcoming a 21st Century Public Health Challenge, Atlanta, GA, September 21, 2014.
21. **Sui X**, Church TS, Hand GA, Payne J, and Blair SN. *Higher fitness level provides survival benefits even among unfit men*. Poster (#150) presented at the American College of Sports Medicine 61st annual meeting and fifth World congress on Exercise is Medicine, Orlando, FL, May 30, 2014.
22. **Sui X**, Church TS, Lee DC, and Blair SN. *Effects of high levels of leisure-time physical activity and cardiorespiratory fitness on early age cancer death in men and women*. Poster (#1142) presented at the American College of Sports Medicine 60th annual meeting and 4th World congress on Exercise is Medicine, Indianapolis, IN, May 30, 2013. MSSE. 2013; 45(5):S255
23. **Sui X**, Church TS, Lee DC, Artero EG, Ahmed A, and Blair SN. *Cardiorespiratory fitness as a predictor of non-cvd non-cancer mortality in men*. Poster (#3464) presented at the American College of Sports Medicine 59th annual meeting and 3rd World congress on Exercise is Medicine, CA, June 2, 2012. MSSE. 2012; 44(2):S922.
24. **Sui X**, Lee DC, Artero EG, Church TS, Hand G, and Blair SN. *Cardiorespiratory fitness and the risk of cardiovascular disease mortality in men with hypercholesterolemia*. Poster (#1649) presented at the American College of Sports Medicine 59th annual meeting and 3rd World congress on Exercise is Medicine, CA, May 30, 2012. MSSE. 2012; 44(2):S390.
25. **Sui X**, Zhang J, Lee DC, Artero EG, and Blair SN. *Percentage of deaths attributable to poor cardiovascular health behaviors: Findings from the Aerobics Center Longitudinal Study*. Poster (P123) presented at the Cardiovascular Disease Epidemiology and Prevention/Nutrition, physical activity and metabolism Scientific Sessions of American Heart Association, San Diego, CA, March 14, 2012.
26. **Sui X**, Zhang J, Lee DC, Jackson AS, and Blair SN. *Age-related longitudinal changes in cardiorespiratory fitness, physical activity, and body mass index in women: findings from the Aerobics Center Longitudinal Study*. Poster (2789) presented at the American

- College of Sports Medicine 58th annual meeting and 2nd World congress on Exercise is Medicine, Denver, CO, June 3, 2011. MSSE. 2011;43(5):S784-785
27. **Sui X**, Dishman RK, Lee DC, Jackson AS, Kim J, and Blair SN. *Trajectories of changes in adiposity, physical activity, and cardiorespiratory fitness in men: The ACLS Study*. Poster (P082) presented at the Cardiovascular Disease Epidemiology and Prevention/Nutrition, physical activity and metabolism Scientific Sessions of American Heart Association, Atlanta, GA, March 22, 2011.
 28. **Sui X**, Lee DC, Kim J, and Blair SN. *Adiposity and the risk of digestive system cancer mortality in the Aerobics Center Longitudinal Study*. Poster presented at the IASO hot topic conference Cancer & Obesity in Valencia, Spain, October 29, 2010.
 29. **Sui X**, McAuley P, Lee DC, and Blair SN. *Associations among cardiorespiratory fitness, fatness, and mortality in men with hypertension*. Poster presented at the 49th Cardiovascular Disease Epidemiology and Prevention Annual Conference in Palm Harbor, FL, March 10, 2009. *Circulation*. 2009;119(10):E286.
 30. **Sui X**, Colabianchi N, Hooker SP, and Blair SN. *A prospective study of impaired fasting glucose and undiagnosed diabetes to the risk of stroke in asymptomatic men*. Poster presented at the 48th Cardiovascular Disease Epidemiology and Prevention Annual Conference in Colorado Springs, CO, March 13, 2008.
 31. **Sui X**, LaMonte MJ, and Blair SN. *Metabolic syndrome and cancer mortality in men*. Poster presented at the Nutrition, Physical Activity and Metabolism Conference in Colorado Springs, CO, March 11, 2008. *Circulation*. 2008;117:11.
 32. **Sui X**, Hooker SP, Colabianchi N, Vena J, and Blair SN. *Cardiorespiratory fitness as a predictor of stroke in asymptomatic women*. Poster presented at the TSSN 2007 Stroke Summit, Columbia, South Carolina, May 21, 2007.

CONTRIBUTED ABSTRACTS

(Underlined co-author names denote current or former student, or supervised visiting scholar or students)

33. Sawada SS, Akimoto T, Kinoshita M, Nagasaka Y, Zhai X, Koriyama S, Sloan RA, **Sui X**, Lee DC, Lee IM. Running speed in school-age children and prevalence of diabetes mellitus in adulthood. Submitted to the 76th Annual meeting of American College of Sports Medicine, May 28-31, 2024, Boston, MA.
34. Elshourbagy S, Grimshaw P, **Sui X**, Lock M. Trends of physical fitness and weight change among male elementary school students in Qatar between the period of 2017 to 2022. Submitted to the College of Health and Life Sciences Research Day, Hamad Bin Khalifa University, February 22, 2024, Doha, Qatar
35. Zamrini E, Cheng Y, Kokkinos P, Faselis C, Sheriff H, Shao Y, **Sui X**, Ahmed A, Zeng Q. Decline in Cardiorespiratory Fitness Results in Increased Risk of Alzheimer's and Related Disorders. Poster presented at the 76th Annual meeting of American Academy of Neurology, April 14, 2024, Denver, CO.
36. Koriyama S, Sawada SS, Zhai X, Serena DA, Hamaya K, Lee I-Min, and **Sui X**. The associations of leisure-time physical activity and screen time with perceived occupational stress: a cross-sectional study of workers in Japan. Poster presented at the American College of Sports Medicine 70th annual meeting, Denver, CO, June 1, 2023.
37. Zhai X, Sawada SS, Koriyama S, Serena DA, Hamaya K, Lee I-Min, and **Sui X**. The joint associations of physical activity and sedentary behavior with cardiorespiratory fitness in

- middle-aged Japanese: KZS study. Poster presented at the American College of Sports Medicine 70th annual meeting, Denver, CO, June 1, 2023.
38. Katsaroli I, Katsagoni C, Sidossis L, **Sui X**, and Faselis C. The interaction between cardiorespiratory fitness and the risk of breast cancer in women. Poster presented at the American College of Sports Medicine 70th annual meeting, Denver, CO, June 1, 2023.
 39. Kindred MM, Jagggers JR, Porter RR, and **Sui X**. Moving away from BMI measures: the need for a centralized repository. Symposium presented at the 2023 annual meeting of southeast ACSM in Greenville, SC, February 24, 2023.
 40. Sloan RA, Kim Y, Kenyon J, Sawada SS, **Sui X**, Blair SN. Non-exercise estimated cardiorespiratory fitness without physical activity status predicts abnormal blood glucose in adults. ePoster presented at American College of Sports Medicine 69th Annual meeting, world congress on Exercise is Medicine, and world congress on the Basic Science of Exercise and Vascular Health, San Diego, CA, June 1, 2022.
 41. Zhai X, Shi M, Shi Y, Wang D, Koriyama S, Serena DA, Sawada SS, Lee I-min, **Sui X**, Blair SN. Impact of the COVID-19 pandemic lockdown on body mass index and physical fitness among Chinese university students. ePoster presented at American College of Sports Medicine 69th Annual meeting, world congress on Exercise is Medicine, and world congress on the Basic Science of Exercise and Vascular Health, San Diego, CA, June 1, 2022.
 42. Saavedra DJ, Song B, Brellenthin AG, Lee Duck-chul, **Sui X**, and Blair SN. Association of cardiorespiratory fitness and body mass index with incident restrictive lung disease. ePoster presented at the American College of Sports Medicine 68th Annual meeting, world congress on Exercise is Medicine, and world congress on the Basic Science of Exercise in Regenerative Medicine, June 1-5, 2021.
 43. Ernstsens L, Zotcheva E, **Sui X**, Velilla NM, Graziano O, and Fløvig JC. Cardiorespiratory fitness and incident use of sedative-hypnotics: a longitudinal population-based study. E-poster presented at the at the American College of Sports Medicine 67th annual meeting, 11th World congress on Exercise is Medicine, and World Congress on the Basic Science of Exercise in Regenerative Medicine, San Francisco, CA, May 28, 2020.
 44. Sloan RA, Kim Y, Sawada SS, **Sui X**, Lee I-Min, Blair SN. The independent and joint associations of fitness and fatness with incident prediabetes in women: a cohort study. E-poster presented at the at the American College of Sports Medicine 67th annual meeting, 11th World congress on Exercise is Medicine, and World Congress on the Basic Science of Exercise in Regenerative Medicine, San Francisco, CA, May 28, 2020.
 45. Sloan RA, Scarzanella MV, Sawada SS, **Sui X**, Myers JN, Blair SN. A nonexercised prediction equation for cardiorespiratory fitness without the use of physical activity. E-poster presented at the American College of Sports Medicine 67th annual meeting, 11th World congress on Exercise is Medicine, and World Congress on the Basic Science of Exercise in Regenerative Medicine, San Francisco, CA, May 28, 2020.
 46. Brellenthin AG, Lee DC, **Sui X**, Blair SN. Alcohol consumption and cardiovascular disease mortality in adults with hypertension following the 2017 blood pressure guidelines. Poster (P185) presented at the 2019 Epidemiology and Prevention and Lifestyle and Cardiometabolic Health Scientific Sessions of

AHA in Houston, TX, March 7, 2019. Abstract published at Circulation; 2019:139(Suppl 1): P185.

47. Lee DC, Brellenthin AG, **Sui X**, Blair SN. Muscular strength and type 2 Diabetes prevention. Poster (#MP32) presented at the 2018 Epidemiology and Prevention/Lifestyle and Cardiometabolic Health Scientific Sessions of the Epidemiology and Prevention, Lifestyle and Cardiometabolic Health of AHA in Houston, TX, March 7, 2018. Abstract published at Circulation; 2018:137(Suppl 1): MP32.
48. Brellenthin AG, Lee DC, **Sui X**, Blair SN. Resistance exercise reduces the risk of developing excess body fat and abdominal obesity. Poster (#283) presented at the 2018 Epidemiology and Prevention/Lifestyle and Cardiometabolic Health Scientific Sessions of the Epidemiology and Prevention, Lifestyle and Cardiometabolic Health of AHA in Houston, TX, March 7, 2018. Abstract published at Circulation; 2018:137(Suppl 1): P283.
49. Lee Duck-chul, Brellenthin AG, **Sui X**, Blair SN. The effect of age on the association between muscular strength and mortality in overweight or obese men. Paper presented at the 7th International Society for Physical Activity and Health (ISPAH) Congress in London, October 16, 2018.
50. Bhoohibhoya A, Qiao S, Mao Y, Zhou Y, Shen Z, **Sui X**, Li X. Relationship between physical activity, depression and the ART adherence among people living with HIV/AIDS. Poster presented at the APHA annual meeting in San Diego in November 12 2018.
51. De Lannoy L, **Sui X**, Blair SN, Ross R. Separate associations of intrinsic and acquired cardiorespiratory fitness on all-cause mortality. Poster (#200) presented at the American College of Sports Medicine 65th annual meeting, 9th World congress on Exercise is Medicine, and World Congress on the Basic Science of Muscle Hypertrophy and Atrophy, Minneapolis, MN, May 30, 2018.
52. Lemes IR, **Sui X**, Turi-Lynch BC, Ross LM, Blair SN, Fernandes RA, Codogno JS, Monteiro HL. Association of combined sedentary behavior and diabetes mellitus with all-cause mortality in Brazilian adults. Poster (#4) presented at the American College of Sports Medicine 65th annual meeting, 9th World congress on Exercise is Medicine, and World Congress on the Basic Science of Muscle Hypertrophy and Atrophy, Minneapolis, MN, May 30, 2018.
53. Lee DC, Lavie CJ, **Sui X**, Blair SN. Muscular strength and cardiovascular and all-cause mortality in adults with hypercholesterolemia. Poster (#2) presented at the American College of Sports Medicine 65th annual meeting, 9th World congress on Exercise is Medicine, and World Congress on the Basic Science of Muscle Hypertrophy and Atrophy, Minneapolis, MN, June 1, 2018.
54. Cavallini F, Koken A, **Sui X**, Spriet L, Kang B, Kraft E, Heischmidt K, Blair SN. Exercise is Medicine! Why are people not buying into the prescription? Paper presented at the annual International Society of Behavioral Nutrition and Physical Activity Conference, Victoria, British Columbia, June 8, 2017.
55. Cavallini F, Koken A, **Sui X**, Spriet L, Kang B, Kraft E, Heischmidt K, Blair SN. Why is it so hard to get people to exercise? Examining adults' beliefs, perceptions and preferences towards physical activity and exercise. Paper presented at the annual International Society of Behavioral Nutrition and Physical Activity Conference, Victoria, British Columbia, June 9, 2017.

56. Bakker EA, Lee DC, **Sui X**, Eijsvogels TM, Lavie CJ, Blair SN. Association of resistance exercise with the incidence of hypercholesterolemia in men. Poster (#2732) presented at the American College of Sports Medicine 64rd annual meeting, 8th World congress on Exercise is Medicine, and World Congress on the Basic Science of Exercise and the Brain, Denver, CO, June 2, 2017.
57. Barber JL, Ross LM, **Sui X**, Blair SN, Sarzynski MA. Change in cardiorespiratory fitness and ideal cardiovascular health in the Aerobics Center Longitudinal Study. Poster (#2742) presented at the American College of Sports Medicine 64rd annual meeting, 8th World congress on Exercise is Medicine, and World Congress on the Basic Science of Exercise and the Brain, Denver, CO, June 2, 2017.
58. Ernstsens L, **Sui X**, Howard VJ, Wadley VG, Thacker E. Estimated cardiorespiratory fitness and incident cognitive impairment: results from the REGARDS study. Poster (#2745) presented at the American College of Sports Medicine 64rd annual meeting, 8th World congress on Exercise is Medicine, and World Congress on the Basic Science of Exercise and the Brain, Denver, CO, June 2, 2017.
59. Duck-chul, Lavie CJ, **Sui X**, and Blair SN. Resistance exercise and obesity prevention. Poster (#299) presented at the 2017 Epidemiology and Prevention/Lifestyle and Cardiometabolic Health Scientific Sessions of the Epidemiology and Prevention, Lifestyle and Cardiometabolic Health of AHA in Portland, OR, March 9, 2017.
60. Ross LM, Barber JL, **Sui X**, Blair SN, and Sarzynski MA. The association of cardiorespiratory fitness and ideal cardiovascular health in the Aerobics Center Longitudinal Study. Paper presented at the 2017 Epidemiology and Prevention/Lifestyle and Cardiometabolic Health Scientific Sessions in Portland, OR, March 7, 2017
61. Barber JL, Ross LM, **Sui X**, Blair SN, and Sarzynski MA. Change in cardiorespiratory fitness and ideal cardiovascular health in the Aerobics Center Longitudinal Study. Poster presented at the 2017 annual meeting of southeast ACSM in Greenville, SC, February 16, 2017.
62. Bose A, O'Neal WT, Bennett A, Judd SE, Qureshi WT, **Sui X**, Howard VJ, Howard G, and Soliman EZ. Estimated cardiorespiratory fitness and incident atrial fibrillation: The Reasons for Geographic And Racial Differences in Stroke (REGARDS) Study. Poster (#5184) presented at the American Heart Association Scientific Sessions, New Orleans, LA, Nov 14, 2016.
63. Davidson T, Ricketts A, **Sui X**, Lavie CJ, Blair SN, and Ross R. Addition of cardiorespiratory fitness within an obesity risk classification model identifies men at increased risk of all-cause mortality. Poster (#141) presented at the American College of Sports Medicine 63rd annual meeting and 7th World congress on Exercise is Medicine and World Congress on the Basic Science of Energy Balance, Boston, MA, June 1, 2016. Abstract published at MSSE; 2016:48(5 Suppl 1): 75.
64. Lee DC, Lavie CJ, Church TS, **Sui X**, and Blair SN. Leisure-time running and all-cause mortality. Poster (#26) presented at the American College of Sports Medicine 63rd annual meeting and 7th World congress on Exercise is Medicine and World Congress on the Basic Science of Energy Balance, Boston, MA, June 2, 2016. Abstract published at MSSE; 2016:48(5 Suppl 1):514.
65. Zheng J, Merchant A, and **Sui X**. Association between fat intake and cardiovascular disease mortality in ACLS study: comparison of four modeling approaches. Poster (#364055) presented at the 2016 American Public Health Association Annual Conference, Denver, CO, October 30, 2016.
66. Ernstsens L, **Sui X**, Lavie CJ, Bjerkeset O, Blair SN, and Wisløff U. The effect of change in mental distress and physical activity level on all-cause mortality in middle aged and older

- participants in the Nord-Trøndelag Health Study (HUNT). Poster presented at the Norwegian Research Council, Norway, February, 2016.
67. Ricketts TA, **Sui X**, Blair SN and Ross R. Addition of cardiorespiratory fitness within an obesity risk classification model identifies at increased risk of all-cause mortality. Paper presented at the 5th ICCR Congress Chronic Societal Cardiometabolic Diseases, Quebec, Canada, July 9, 2015.
 68. Li C, **Sui X**, Blair SN, and Xiong K. A cross-sectional study of cardiorespiratory fitness and gallbladder disease. Poster (#60) presented at the American College of Sports Medicine 62nd annual meeting and sixth World congress on Exercise is Medicine and World Congress on the Basic Science of Exercise Fatigue, San Diego, CA, May 27, 2015.
 69. Lee DC, Lavie CJ, Church TS, **Sui X**, and Blair SN. Leisure-time running and mortality in adults with hypertension. Poster (#74) presented at the American College of Sports Medicine 62nd annual meeting and sixth World congress on Exercise is Medicine and World Congress on the Basic Science of Exercise Fatigue, San Diego, CA, May 27, 2015.
 70. Prasad VK, Drenowatz C, **Sui X**, Hand GA, and Blair SN. Leisure-time running and mortality in adults with hypertension. Thematic Poster (#2) presented at the American College of Sports Medicine 62nd annual meeting and sixth World congress on Exercise is Medicine and World Congress on the Basic Science of Exercise Fatigue, San Diego, CA, May 27, 2015.
 71. Paluch AE, Shook RP, Drenowatz C, **Sui X**, Hand GA, and Blair SN. Does the number of bouts used to accumulate MVPA matter for fitness and fatness? Paper presented at the American College of Sports Medicine 62nd annual meeting and sixth World congress on Exercise is Medicine and World Congress on the Basic Science of Exercise Fatigue, San Diego, CA, May 28, 2015.
 72. Kokkinos P, Faselis C, Myers J, **Sui X**, Pittaras A, Doumas M, Narayan P, Kyritsi M, Aiken M, and Blair SN. Cardiorespiratory fitness and risk for developing atrial fibrillation in high risk individuals. Paper presented at the American College of Sports Medicine 62nd annual meeting and sixth World congress on Exercise is Medicine and World Congress on the Basic Science of Exercise Fatigue, San Diego, CA, May 28, 2015.
 73. Kokkinos P, Tsimploulis A, Faselis C, Kokkinos JP, Doumas M, Pittaras A, **Sui X**, and Myers J. Exercise capacity attenuates the progression from normal blood pressure to resistant hypertension. Poster (#148) presented at the American College of Sports Medicine 61st annual meeting and fifth World congress on Exercise is Medicine, Orlando, FL, May 29, 2014.
 74. Hardee JP, Porter RR, **Sui X**, Archer E, Lee I-min, Lavie CJ, and Blair SN. The Role of Resistance exercise on all-cause mortality in cancer survivors. Poster (#268) presented at the American College of Sports Medicine 61st annual meeting and fifth World congress on Exercise is Medicine, Orlando, FL, May 29, 2014.
 75. Ahmed A, **Sui X**, Brown CJ, and Blair SN. Physical activity but not healthy eating is associated with lower all-cause mortality among community-dwelling older adults with normal body mass index. Poster (#126) presented at the American College of Sports Medicine 61st annual meeting and fifth World congress on Exercise is Medicine, Orlando, FL, May 30, 2014.
 76. Brown CJ, **Sui X**, Allman RM, and Blair SN. Variation in the health benefits of physical activity by c-reactive protein status in community-dwelling older adults: findings from a prospective population study. Poster (#129) presented at the American College of Sports

- Medicine 61st annual meeting and fifth World congress on Exercise is Medicine, Orlando, FL, May 30, 2014.
77. Clennin MN, Blair SN, Rienzi E, and **Sui X**. Associations between cardiorespiratory fitness and health-related quality of life among Uruguayan female population. Poster (#132) presented at the American College of Sports Medicine 61st annual meeting and fifth World congress on Exercise is Medicine, Orlando, FL, May 30, 2014.
 78. Meier NF, Lee Duck-chul, **Sui X**, and Blair SN. Physical activity and incident glaucoma. Poster (#157) presented at the American College of Sports Medicine 61st annual meeting and fifth World congress on Exercise is Medicine, Orlando, FL, May 30, 2014.
 79. Prasad VK, Hand GA, **Sui X**, Demello M, Jagggers J, Shook R, and Blair SN. Blood glucose among healthy population with higher and lower muscle mass percentage. Poster (#183) presented at the American College of Sports Medicine 61st annual meeting and fifth World congress on Exercise is Medicine, Orlando, FL, May 30, 2014.
 80. Jagggers JR, Hand GA, Prasad V, **Sui X**, Burgess S, Dudgeon WD, and Blair SN. Changes in daily physical activity significantly affect body composition in HIV+ adults taking antiretroviral therapy. Poster (#176) presented at the American College of Sports Medicine 60th annual meeting and 4th World congress on Exercise is Medicine, Indianapolis, IN, May 29, 2013.
 81. Lee DC, Welk GJ, Franke WD, **Sui X**, and Blair SN. Cariorespiratory fitness, muscular strength, and mortality. Poster (#1137) presented at the American College of Sports Medicine 60th annual meeting and 4th World congress on Exercise is Medicine, Indianapolis, IN, May 30, 2013.
 82. Prasad VK, Hand GA, Jagggers JR, Shook RP, Paluch A, Burgess S, **Sui X**, and Blair SN. Total energy expenditure and energy expenditure per kilogram of body weight comparison among young adults. Poster (#1130) presented at the American College of Sports Medicine 60th annual meeting and 4th World congress on Exercise is Medicine, Indianapolis, IN, May 30, 2013.
 83. Pattarini JM, Blue RS, Blair SN, Lee DC, Russell S, **Sui X**, and Johnston SL. Association between isokinetic muscular strength and all-cause mortality in males. Poster (#1153) presented at the American College of Sports Medicine 60th annual meeting and 4th World congress on Exercise is Medicine, Indianapolis, IN, May 30, 2013. MSSE. 2013; 45(5):S259.
 84. Blair SN, Ott J, Lee DC, and **Sui X**. Cardiorespiratory fitness and all-cause mortality in men with emotional problems. Poster (P135) presented at the Cardiovascular Disease Epidemiology and Prevention/Nutrition, physical activity and metabolism Scientific Sessions of American Heart Association, New Orleans, LA, March 20, 2013. MSSE. 2013; 45(5):S259
 85. Prasad VK, Hand GA, **Sui X**, Shrestha D, Lee DC, Lavie CJ, Jagggers JR, and Blair SN. Association of exercise heart rate response with incidence of hypertension in men. Poster (P319) presented at the Cardiovascular Disease Epidemiology and Prevention/Nutrition, physical activity and metabolism Scientific Sessions of American Heart Association, New Orleans, LA, March 21, 2013.
 86. Jagggers JR, Hand GA, Prasad V, **Sui X**, Burgess S, and Blair SN. Association between physical activity and risk factors for metabolic syndrome in a sample of HIV+ men and women currently taking antiretroviral therapy. Poster (P419) presented at the Cardiovascular Disease Epidemiology and Prevention/Nutrition, physical activity and metabolism Scientific Sessions of American Heart Association, New Orleans, LA, March 22, 2013. Circulation. 2013;127(S12):P419

87. Espana-Romero V, Artero EG, Lee DC, **Sui X**, Baruth M, Ruiz JR, Pate RR, and Blair SN. Ideal cardiovascular health and depressive symptoms in the adult population. Poster (P086) presented at the Cardiovascular Disease Epidemiology and Prevention/Nutrition, physical activity and metabolism Scientific Sessions of American Heart Association, San Diego, CA, March 13, 2012.
88. Lee DC, **Sui X**, Artero EG, and Blair SN. Resistance exercise and incident metabolic syndrome in men. Poster (MP015) presented at the Cardiovascular Disease Epidemiology and Prevention/Nutrition, physical activity and metabolism Scientific Sessions of American Heart Association, San Diego, CA, March 16, 2012.
89. Lavie CJ, DeSchutter A, Milani RV, Menezes AR, Lee DC, **Sui X**, Church TS, and Blair SN. Impact of contemporary cardiac rehabilitation and exercise training programs in secondary coronary prevention. Poster presented at the World Congress of Cardiology, Dubai, United Arab Emirates, April 18-21, 2012. *Circulation*. 2012;125(19):E731.
90. Lavie CJ, Menezes AR, DeSchutter A, Milani RV, Lee DC, **Sui X**, Church TS, and Blair SN. Psychological stress and cardiovascular disease-impact of exercise training programs. Poster presented at the World Congress of Cardiology, Dubai, United Arab Emirates, April 18-21, 2012. *Circulation*. 2012;125(19):E676-677.
91. Lavie CJ, Church TS, Milani RV, Menezes AR, DeSchutter A, Lee DC, **Sui X**, and Blair SN. Impact of physical activity, cardiorespiratory fitness and exercise training on inflammation and C-reactive protein (CRP). Poster presented at the World Congress of Cardiology, Dubai, United Arab Emirates, April 18-21, 2012. *Circulation*. 2012;125(19):E796.
92. Lee DC, **Sui X**, Lavie CJ, and Blair SN. Relative contributions of cardiorespiratory fitness and body fatness to cardiovascular disease mortality in the Aerobics Center Longitudinal Study. Poster presented at the World Congress of Cardiology, Dubai, United Arab Emirates, April 18-21, 2012. *Circulation*. 2012;125(19):E707.
93. Blair SN, **Sui X**, and Ahmed A. Increased sitting time is an independent risk factor for all-cause mortality in community-dwelling older adults. Poster (#1430) presented at the American College of Sports Medicine 59th annual meeting and 3rd World congress on Exercise is Medicine, CA, May 30, 2012. *MSSE*. 2012; 44(2):S326.
94. Paluch AE, **Sui X**, Hurley TG, Crowley EP, Baruth MJ, Hand GA, and Blair SN. Cardiorespiratory fitness, physical activity and perceived stress among young adults. Poster (#1062) presented at the American College of Sports Medicine 59th annual meeting and 3rd World congress on Exercise is Medicine, CA, May 31, 2012. *MSSE*. 2012; 44(2):S225.
95. Archer Ed, Groessl EJ, **Sui X**, McClain A, Wilcox S, Hand GA, and Blair SN. An economic analysis of traditional and technology-based approaches to weight loss: LEAN study cost-effectiveness. Poster (#1176) presented at the American College of Sports Medicine 59th annual meeting and 3rd World congress on Exercise is Medicine, CA, June 1, 2012. *MSSE*. 2012; 44(2):S255.
96. Lee CD, **Sui X**, Hooker SP, and Blair SN. Maintaining healthy lifestyles and risk of cardiovascular disease and all-cause mortality in men. Poster (#1667) presented at the American College of Sports Medicine 59th annual meeting and 3rd World congress on Exercise is Medicine, CA, May 30, 2012. *MSSE*. 2012; 44(2):S395-396.
97. Jackson AS, **Sui X**, O'Connor, Lee DC, Artero EG, Church TS, and Blair SN. Longitudinal non-exercise models for estimating cardiorespiratory fitness of men and women. Poster (#2100) presented at the American College of Sports Medicine 59th annual meeting and 3rd World congress on Exercise is Medicine, CA, May 31, 2012. *MSSE*. 2012; 44(2):S523-524.

98. Lee DC, **Sui X**, Artero EG, and Blair SN. Change in cardiorespiratory fitness and percent body fat with incident metabolic syndrome. Poster (619) presented at the American College of Sports Medicine 58th annual meeting and 2nd World congress on Exercise is Medicine, Denver, CO, June 2, 2011. MSSE. 2011;43(5):S27.
99. Artero EG, Lee DC, Vanesa ER, Mitchell JA, **Sui X**, and Blair SN. Ideal cardiovascular health assessments and all-cause and cardiovascular disease mortality. Poster (620) presented at the American College of Sports Medicine 58th annual meeting and 2nd World congress on Exercise is Medicine, Denver, CO, June 2, 2011. MSSE. 2011;43(5):S27.
100. Lee CD, **Sui X**, Hooker SP, Hebert JR, and Blair SN. Combined impact of lifestyle factors on cancer mortality in men. Poster (621) presented at the American College of Sports Medicine 58th annual meeting and 2nd World congress on Exercise is Medicine, Denver, CO, June 2, 2011. MSSE. 2011;43(5):S28.
101. Paluch AE, **Sui X**, Lee DC, and Blair SN. Muscular strength and all-cause mortality among men with impaired fasting glucose or type 2 diabetes. Poster (2785) presented at the American College of Sports Medicine 58th annual meeting and 2nd World congress on Exercise is Medicine, Denver, CO, June 3, 2011. MSSE. 2011;43(5):S783.
102. Jackson AS, Lee DC, **Sui X**, Church TS, O'Connor DP, and Blair SN. The effect of aging, body composition, and fitness on longitudinal changes in fasting glucose. Poster (2786) presented at the American College of Sports Medicine 58th annual meeting and 2nd World congress on Exercise is Medicine, Denver, CO, June 3, 2011. MSSE. 2011;43(5):S783-784.
103. Sieverdes JC, Ray BM, Lee DC, **Sui X**, and Blair SN. The association between physical activity and depressive symptoms in men. Poster (2891) presented at the American College of Sports Medicine 58th annual meeting and 2nd World congress on Exercise is Medicine, Denver, CO, June 3, 2011. MSSE. 2011;43(5):S819.
104. Lobelo F, **Sui X**, Pate RR, Liese AD, and Blair SN. Change in cardiorespiratory fitness and risk of metabolic syndrome in young men. Paper (005) presented at the Cardiovascular Disease Epidemiology and Prevention/Nutrition, physical activity and metabolism Scientific Sessions of American Heart Association, Atlanta, GA, March 23, 2011.
105. Lee DC, **Sui X**, Artero EG, Romero VE, and Blair SN. Improvement in cardiorespiratory fitness prevents weight gain and obesity. Poster (MP12) presented at the Cardiovascular Disease Epidemiology and Prevention/Nutrition, physical activity and metabolism Scientific Sessions of American Heart Association, Atlanta, GA, March 25, 2011.
106. Lee CD, **Sui X**, and Blair SN. Prediction algorithms for incident type 2 diabetes in men and women. Poster (P002) presented at the Cardiovascular Disease Epidemiology and Prevention/Nutrition, physical activity and metabolism Scientific Sessions of American Heart Association, Atlanta, GA, March 22, 2011.
107. Jackson AS, **Sui X**, Lee CD, and Blair SN. Role of aging and physical activity on the longitudinal changes of body composition. Paper presented at the 3rd International Congress on Physical Activity and Public Health in Toronto, Canada, May 7, 2010.
108. Barry VW, Shuger SL, Beets MW, **Sui X**, Wilcox S, Hand G, McClain AC, and Blair SN. Wearing the SenseWear armband and weight loss in sedentary overweight and obese adults. Poster presented at the 2010 annual meeting of American College of Sports Medicine, Baltimore, MD. MSSE, 2010; 42 (5): S341.
109. Maslow AL, **Sui X**, Colabianchi N, Hussey J, and Blair SN. Muscular strength and incident hypertension in normotensive and prehypertensive men. Poster presented at

- the 2010 annual meeting of American College of Sports Medicine, Baltimore, MD. *MSSE*, 2010; 42 (5): S250.
110. Sieverdes JC, **Sui X**, Byun W, and Blair SN. Independent and joint associations of physical activity and cardiorespiratory fitness with stroke mortality. Poster presented at the 2010 annual meeting of American College of Sports Medicine, Baltimore, MD. *MSSE*, 2010; 42 (5): S251.
 111. Byun W, **Sui X**, Sieverdes JC, and Blair SN. Cardiorespiratory fitness and risk of prostate cancer: findings from the ACLS cohort. Poster presented at the 2010 annual meeting of American College of Sports Medicine, Baltimore, MD. *MSSE*, 2010; 42 (5): S251.
 112. Kim J, **Sui X**, Byun W, Lee DC, and Blair SN. Heart rate recovery as a predictor of stroke incidence in men with metabolic syndrome. Poster presented at the 2010 annual meeting of American College of Sports Medicine, Baltimore, MD. *MSSE*, 2010; 42 (5): S252.
 113. Lee DC, **Sui X**, Artero EG, Stanford FC, and Blair SN. The association of changes in cardiorespiratory fitness and body mass index with all-cause mortality. Paper presented at the 2010 annual meeting of American College of Sports Medicine, Baltimore, MD. *MSSE*, 2010; 42 (5): S77.
 114. Lee CD, Andrew JS, **Sui X**, and Blair SN. Global non-laboratory prediction model for coronary heart disease in men: The ACLS Study. Paper presented at the 2010 annual meeting of American College of Sports Medicine, Baltimore, MD. *MSSE*, 2010; 42 (5): S77.
 115. Banda JA, Clouston K, **Sui X**, Hooker SP, Lee CD, and Blair SN. Protective health factors and incident hypertension in men. Paper presented at the 2010 annual meeting of American College of Sports Medicine, Baltimore, MD. *MSSE*, 2010; 42 (5): S57.
 116. Gander J, Lee DC, **Sui X**, and Blair SN. Self-rated health status and cardiorespiratory fitness as predictors of mortality in men. Poster presented at the 138th American Public Health Association Conference in Denver, CO, November 8, 2010.
 117. Heroux ML, Janssen I, Lee DC, **Sui X**, and Blair SN. Do the associations between physical activity, diet, and obesity differ according to health status? Poster presented at the 28th Obesity Annual Scientific Meeting in San Diego, CA, October 9, 2010.
 118. Jiggers JR, Lee Duck-chul, **Sui X**, Hand GA, and Blair SN. Association between metabolic regular and sugar-free soda consumption with risk of metabolic syndrome. Poster presented at the 2009 annual meeting of American College of Sports Medicine, Seattle, WA, 2009.
 119. Lee Chong-Do, **Sui X**, and Blair SN. Combined effects of cardiorespiratory fitness, not smoking, and normal waist girth on morbidity and mortality. Poster presented at the 2009 annual meeting of American College of Sports Medicine, Seattle, WA, 2009.
 120. Marlow AL, Mathews AE, **Sui X**, Lee Duck-chul, Vuori I, and Blair SN. Cardiorespiratory fitness, body mass index, and waist circumference as predictors of functional limitation in middle-aged and older adults. Poster presented at the 2009 annual meeting of American College of Sports Medicine, Seattle, WA, 2009.
 121. Shurger SL, **Sui X**, Church TS, Meriwether R, and Blair SN. Association between adiposity and the development of hypertension in men. Poster presented at the 2009 annual meeting of American College of Sports Medicine, Seattle, WA, 2009.
 122. Barry V, Lee Duck-chul, **Sui X**, Durstine JL, Pate RR, and Blair SN. Traditional and nontraditional cardiorespiratory fitness, percentage body fat and all-cause mortality in women. Poster presented at the 2009 annual meeting of American College of Sports Medicine, Seattle, WA, 2009.

123. Lee DC, **Sui X**, and Blair SN. Physical activity, cardiorespiratory fitness and mortality in men. Poster presented at the 49th Cardiovascular Disease Epidemiology and Prevention Annual Conference in Palm Harbor, FL, March 10, 2009. *Circulation*. 2009;119(10):E285-286.
124. Kuk J, Ardern A, Church T, **Sui X**, and Blair SN. The influence of time, aging, and obesity on goal weight and health practices. Paper presented at the 2008 Annual Scientific Meeting of, the Obesity Society, Phoenix, AZ, October 3-7, 2008.
125. Blair SN, **Sui X**, and Jackson SA. Modeling the longitudinal change in cardiorespiratory fitness of men: The Aerobics Center Longitudinal Study. Poster presented at the 2nd International Congress on physical activity and public health, Amsterdam, Holland, April 13, 2008.
126. Jackson SA, **Sui X**, and Blair SN. Modeling the longitudinal change in cardiorespiratory fitness of women: The Aerobics Center Longitudinal Study. Paper presented at the 2nd International Congress on physical activity and public health, Amsterdam, Holland, April 13, 2008.
127. Shuger LS, **Sui X**, Meriwether RA, Church TS, and Blair SN. Body mass index as a predictor of hypertension incidence among initially healthy normotensive women. Poster presented at the 2008 annual meeting of southeast ACSM in Birmingham, AL, February 15, 2008.
128. Hooker SP, **Sui X**, Colabianchi N, Vena J, Laditka JN, LaMonte MJ, and Blair SN. Cardiorespiratory fitness as a predictor of fatal and nonfatal stroke in asymptomatic women and men. Paper presented at the International Stroke Conference in New Orleans, LA, February 20, 2008.
129. Matthews, CE, **Sui X**, LaMonte, MJ, Adams, SA, Hebert, JR, and Blair SN. Metabolic syndrome and risk of death from cancers of the digestive system in men. Paper presented at the 2008 annual meeting of American College of Sports Medicine, Indianapolis, IN, 2008. *MSSE*. 2008;40(5):S54-55.
130. Ruiz JR, **Sui X**, Lobelo F, Morrow JR, Jackson AW, and Blair SN. Association between muscular strength and mortality (all-cause and cardiovascular disease) in men. Paper presented at the 2008 annual meeting of American College of Sports Medicine, Indianapolis, IN, 2008. *MSSE*. 2008;40(5):S35.
131. Lobelo F, **Sui X**, Ruiz JR, and Blair SN. Cardiorespiratory fitness and cardiovascular disease mortality in men within clinically established obesity categories. Paper presented at the 2008 annual meeting of American College of Sports Medicine, Indianapolis, IN, 2008. *MSSE*. 2008;40(5):S35.
132. Blair SN, **Sui X**, Peel J, Matthews CE, Adams SA, and Hébert JR. Cardiorespiratory fitness and the risk of digestive system cancer mortality: a prospective study from Aerobics Center of Longitudinal Study. Poster presented at the 2008 annual meeting of American College of Sports Medicine, Indianapolis, IN, 2008. *MSSE*. 2008;40(5):S481-482.
133. Laditka JN, **Sui X**, and Blair SN. Higher levels of cardiorespiratory fitness may reduce risks for dementia mortality among women and men. Paper presented at the Alzheimer's Association International Prevention of Dementia Conference in Washington, D.C., June 11, 2007.
134. Ahmed A, Ekundayo OJ, Markland AD, Wahle C, **Sui X**, Ali M, Lefante C, and Goode P. Association of depression and overactive bladder among older adults. Poster presented at the 2007 annual meeting of the Gerontological Society of America. *The Gerontologist*. 2007;47(Special Issue 1):2643

135. Ahmed A, Ekundayo OJ, Markland AD, Wahle C, **Sui X**, Ali M, Lefante C, and Goode P. Association of overactive bladder symptoms and consumption of caffeinated drinks among older adults. Poster presented at the 2007 annual meeting of the Gerontological Society of America. *The Gerontologist*. 2007;47(Special Issue 1):2643

SUBMITTED/ACCEPTED ABSTRACTS

(Underlined co-author names denote current or former student, or supervised visiting scholar or students)

136.

GRANTS

Funded

1. Electronic health record to evaluate the effects of cardiorespiratory fitness on chronic kidney disease, funded by the BDHSC Pilot Project Program, Role: PI, total amount awarded: \$36,538, Effective Date: 8/15/2022-8/14/2023.
2. Uruguay Health Study, funded by the La Banca company, Brazil, Role: PI, Total amount awarded: \$60,000, Effective Date: 7/1/2013-6/31/2016.
3. A feasibility study of using automated feedback to enhance physical activity and dietary self-management behaviors to promote weight loss in a healthcare setting, Seed grant funded by the University of South Carolina, Role: PI, total amount awarded: \$14,979, Effective Date: 5/16/2013-9/15/2014.
4. The effects of micronutrient consumption from both diet and dietary supplements among energy balance study participants, COBRE pilot grant funded by the University of South Carolina, Role: PI, total amount awarded: \$10,000, Effective Date: 2/1/2013-2/1/2014.
5. Energy Balance Study, funded by the Coca-cola company, Role: Co-I (10%), Effective Date: 10/1/2010-12/31/2015.
6. Home-based exercise for management of HIV-associated cardiovascular disease risk, funded by the National Institute of Health (R21NR011281), Role: Co-I (10%), Effective Date: 12/1/2010-11/30/2013.
7. Understanding patterns of change in obesity and physical activity in adults, funded by the National Institute of Health (R21DK088195), Role: PI, awarded amount: \$398,142, Effective Date: 5/1/2010-4/30/2013.
8. Positive Health – sub-contract with the University of Pennsylvania, Role: Co-PI (10%), awarded amount: \$6,435, Effective Date: 3/1/2009-2/28/2010.
9. Additional Analyses in the ACLS, year 2, funded by the Coca-cola company, Role: Co-I (10%), Effective Date: 11/1/2009-10/31/2010.
10. Additional Analyses in the ACLS, year 1, funded by the Coca-cola company, Role: Co-I (10%), Effective Date: 12/31/2008-12/30/2009.
11. The Health Benefits of Swimming: A Prospective Study of Morbidity and Mortality in the Aerobics Center Longitudinal Study, funded by the National Swimming Pool Foundation, Role: Project Director (30%), Effective Date: 8/1/2007-7/31/2009.

12. Use of Electronic Feedback in Diet and Physical Activity to Enhance Weight Management, funded by the BodyMedia, Inc, Role: Co-I (25%), Effective Date: 9/1/2007-3/31/2009.

External Consultant for Grants

1. Comparison of cardiovascular benefits of resistance, aerobic, and combined exercise (CARDIO-RACE), funded by NIH (R01 HL133069), PI: Duck-chul Lee, Iowa State University, effective date: 7/1/2016-4/30/2021. Role: External consultant.
2. South Carolina-advancing diversity in aging research undergraduate program, funded by NIH (R25 AG050484), PI: Sue Levkoff, effective date: 9/1/2015-5/31/2020. Role: Mentor.
3. Physical fitness as an objective biomarker for AD/ABR risk modification, funded by NIH (1RF1AG069121-01), PI: Qing Zeng, George Washington University, effective date: 9/1/2020-8/31/2024. Role: External consultant.

TEACHING AND MENTORING ACTIVITIES

Courses Taught

Department of Exercise Science, University of South Carolina (Graduate Courses)

- EXSC 700, Physical activity epidemiology method & practice
- EXSC 727, Controlled trials in exercise science
- EXSC 755, Controlled trials in exercise science
- EXSC 710, Behavioral Aspects of Physical Activity

Department of Exercise Science, University of South Carolina (Undergraduate Courses)

- EXSC 410, Psychology of physical activity

Students under Supervision

Current

- Disha Pater, Master student in Exercise Science
- Esha Gandhi, Senior Honor student in Public Health
- Nicole Gribben, Doctoral Student in Exercise Science

Completed

- Jacob May, Master student in Exercise Science
- Paul Ballesteros, Master student in Exercise Science
- Gyuntae Kim, Master student in Exercise Science
- Riya Pate, Master student in Exercise Science

- Sarah Elshourbagy, Master student in Exercise Science, HBKU
- Mitchell Gates, Master student in Exercise Science
- Jennifer Gander, Doctoral Student in Epidemiology
- Palakben Patel, Master student in Exercise Science
- Nader Tanner, Master Student in Exercise Science
- Cinna Attar, Master Student in Exercise Science
- Faith Buchanan, Bachelor student in Honors College
- Jack Higgins, Bachelor student in Honors College
- Trace Neal, Bachelor Student in Honors College
- John Ott, Jr, Bachelor Student in Honors College
- Haiwei Li, Visiting PhD Student
- Changqing Li, Visiting PhD Student
- Bruna Camilo Turi, Visiting PhD Student
- Junqian Qiu, Visiting Scholar
- Yi Yan, Visiting Scholar
- Guohua Zheng, Visiting Scholar
- Jing Zhang, Visiting Scholar
- Qirong Wang, Visiting Scholar
- Ivan Cavero Redondo, Visiting Scholar
- Ítalo Ribeiro Lemes, Visiting PhD Student
- Tiago Rodrigues de Lima, Visiting PhD Student

Doctoral dissertation, master's thesis/project, and honor college thesis committee memberships (Current)

- Yang He, Doctoral student in Statistics
- Khaloud Al-Marri, Master student in Exercise Science, HBKU
- Asifa Ullah, Master student in Exercise Science, HBKU

Doctoral dissertation and master's thesis/project, and honor college thesis committee memberships (Completed)

- Yuchen Mao, Doctoral student in Statistics
- Yang Yun, Doctoral student in Statistics
- Avish Patel, Bachelor student in Honors College
- Niyati Shah, Bachelor student in Honors College

- Amber Watson, Master Student in Epidemiology
- Jie Zhou, Doctoral Student in Biostatistics
- Yanan Zhang, Master Student in Biostatistics
- Hao Lei, Master student in Exercise Science
- Samantha McDonald, Doctoral Student in Exercise Science
- Shannon Crowley, Doctoral Student in Exercise Science
- Lujing Zhan, Doctoral Student in Epidemiology
- Vivek Prasad, Doctoral Student in Exercise Science
- Jessica Chandler, Doctoral Student in Exercise Science
- Charity Breneman, Doctoral Student in Exercise Science
- Morgan Clennin, Doctoral Student in Exercise Science

Uncompleted

- Jonathan Payne, Doctoral Student in Exercise Science (2013-2022)

PROFESSIONAL SERVICES

Professional society memberships

- American College of Sports Medicine (ACSM), Member since 2005
 - Strategic Health Initiative (SHI)- Women, Sport and Physical Activity Committee Member 2015-2018
 - Epidemiology/Biostatistics Interest Group Chair 2016-2018
 - Epidemiology/Biostatistics Interest Group Co-chair 2021-
- American Heart Association (AHA), Member 2005-2016
- The Gerontological Society of American (GSA), Member 2009-2011
- American Public Health Association (APHA), Member 2002-2005

Other professional appointments and activities

- Editorial Board: Journal of Clinical Medicine, 2024-
- Editorial Board: International Journal of Holistic Health, Sports and Recreation, 2023-
- Physical Activity Alliance HL7 Expert Advisory Committee, 2022
- Guest Editor: Journal of Clinical Medicine, 2021-2023
- Editorial Board: Journal of Science in Sport and Exercise, 2018-2021
- Editorial Board: Journal of Sports Exercise & Doping Studies, 2011-
- Journal Reviewer: review of manuscripts requested (examples)
 - American Journal of Epidemiology

- Annals Epidemiology
- American Journal of Cardiology
- European Heart Journal
- Annals Internal Medicine
- BMC Public Health
- American Journal of Preventive Medicine
- International Journal of Behavioral Nutrition and Physical Activity
- MSSE
- Preventing Chronic Disease
- Journal of American College of Cardiology
- Mayo Clinic Proceedings
- PLOS One
- Journal of Physical Activity and Health
- British Journal of Sports Medicine

- Abstract reviewer
 - ACSM annual meeting, 2016-2022
 - AHA annual meeting, 2016

- Grant reviewer
 - Pew Biomedical Scholars program, 4/24/2023
 - Pennsylvania Department of Health, 5/21/2021
 - The United Arab Emirates University, 9/25/2015
 - National Institute of Academic Anaesthesia, 10/29/2012

OTHER UNIVERSITY, SCHOOL AND DEPARTMENT SERVICES

Department of Exercise Science

- | | |
|--|----------------------|
| ● Member of search committee | 2015-2016, 2023-2024 |
| ● Member of Blair symposium planning committee | 2023-2024 |
| ● Member of the PhD curriculum & admission committee | 2017- |
| ● Coordinator of HAPA division | 2021-2022 |
| ● Head of HAPA division | 2014-2021 |
| ● Graduate director for HAPA division | 2014-2017 |

Arnold School of Public Health

- | | |
|--|-----------|
| ● Member of MPH-PA Program Advisory Committee | 2013-2023 |
| ● Member of Scholastic Standards and Petitions Committee | 2022- |

University of South Carolina

- USC Discover judge 2017-2020, 2022,2023
- USC region II Science and Engineering Fair judge 2023, 2024
- Student Conduct and the Carolina Judicial Council 2020-
- SPARC grant review 2013

GRETER COMMUNITY SERVICES

- Concession volunteer for River Bluff High School's marching band 2022-
- Advisor for Meadow Glenn Middle School's robotics team 2022