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Department of Exercise Science
Arnold School of Public Health
University of South Carolina
Columbia, SC 29208
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CITIZENSHIP: The United States

PRESENT ACCADEMIC RANK AND POSITION: Assistant Professor

MAJOR RESEARCH INTERESTS: Promotion of physical activity with a specific emphasis on physical activity epidemiological research and lifestyle intervention to reduce cardiovascular disease risk factors.

Total citations: 2121 (as of 12/14/2015)

h-index: 25

EDUCATION:

- 2012 Arnold School of Public Health
 University of South Carolina, Columbia, South Carolina
 Terminal Degree: Doctor of Philosophy (Exercise Science)
 Major in Health aspects of physical activity
 Dissertation: "Longitudinal analyses of physical activity and cardiorespiratory fitness
 on adiposity and glucose levels"
 Major professor: Steven N. Blair
- 2004 School of Public Health
 University of Alabama at Birmingham, Birmingham, Alabama
 Terminal Degree: Master of Public Health (Biometry)
 Major professor: Hemant K. Tiwari

- 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)
Major professor: Jianxin Chu
- 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:

- 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:

- 2012- 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, 2007-2010
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 Epidemiologist
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

2001-2002 Graduate Assistant
Department of Pathology
College of Medicine
University of South Florida, Tampa, Florida

1995-1998 Graduate Assistant
Department of Pathology
Peking Union Medical College, Beijing, China

1994-1995 Intern, Qingdao Medical College Hospital, Qingdao, China

AWARDS/HONORS:

2015 One of the 6 Breakthrough Stars from the University of South Carolina

2008 One of the 3 Finalists 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

PEER REVIEWED PUBLICATIONS:

Note: _ graduate students under my direct supervision to produce the paper.

1. Ahmed A, Love TE, **Sui X**, Rich MW. Effects of angiotensin-converting enzyme inhibitors in systolic heart failure patients with chronic kidney disease: a propensity score analysis. *J Card Fail* 2006 September;12(7):499-506.
2. Okonkwo OC, **Sui X**, Ahmed A. Disease-specific depression and outcomes in chronic heart failure: a propensity score analysis. *Compr Ther* 2007;33(2):65-70. PMID: PMC2659298
3. **Sui X**, Lamonte MJ, Blair SN. Cardiorespiratory fitness as a predictor of nonfatal cardiovascular events in asymptomatic women and men. *Am J Epidemiol* 2007 June 15;165(12):1413-23. PMID: PMC2685148
4. **Sui X**, Lamonte MJ, Blair SN. Cardiorespiratory fitness and risk of nonfatal cardiovascular disease in women and men with hypertension. *Am J Hypertens* 2007 June;20(6):608-15. PMID: PMC1975681
5. **Sui X**, Laditka JN, Hardin JW, Blair SN. Estimated functional capacity predicts mortality in older adults. *J Am Geriatr Soc* 2007 December;55(12):1940-7. PMID: PMC3410432
6. **Sui X**, Lamonte MJ, Laditka JN, Hardin JW, Chase N, Hooker SP, Blair SN. Cardiorespiratory fitness and adiposity as mortality predictors in older adults. *JAMA* 2007 December 5;298(21):2507-16. PMID: PMC2692959
7. Chase NL, **Sui X**, Blair SN. Comparison of the health aspects of swimming to other types of physical activity and sedentary lifestyle habits. *International Journal of Aquatic Research and Education* 2008;2:150-60.
8. Chase NL, **Sui X**, Blair SN. The association between swimming and all-cause mortality risk compared with running, walking, and sedentary habits in men. *International Journal of Aquatic Research and Education* 2008;3:213-23.
9. Filippatos GS, Adamopoulos C, **Sui X**, Love TE, Pullicino PM, Lubsen J, Bakris G, Anker SD, Howard G, Kremastinos DT, Ahmed A. A propensity-matched study of hypertension and increased stroke-related hospitalization in chronic heart failure. *Am J Cardiol* 2008 June 15;101(12):1772-6. PMID: PMC2474775
10. Gambassi G, Agha SA, Sui X, Yancy CW, Butler J, Giamouzis G, Love TE, Ahmed A. Race and the natural history of chronic heart failure: a propensity-matched study. *J Card Fail* 2008 June;14(5):373-8. PMID: PMC2771183
11. Giamouzis G, **Sui X**, Love TE, Butler J, Young JB, Ahmed A. A propensity-matched study of the association of cardiothoracic ratio with morbidity and mortality in chronic heart failure. *Am J Cardiol* 2008 February 1;101(3):343-7. PMID: PMC2659172

12. Hooker SP, **Sui X**, Colabianchi N, Vena J, Laditka J, Lamonte MJ, Blair SN. Cardiorespiratory fitness as a predictor of fatal and nonfatal stroke in asymptomatic women and men. *Stroke* 2008 November;39(11):2950-7.
13. Lyerly GW, **Sui X**, Church TS, Lavie CJ, Hand GA, Blair SN. Maximal exercise electrocardiography responses and coronary heart disease mortality among men with diabetes mellitus. *Circulation* 2008 May 27;117(21):2734-42. PMID: PMC2875671
14. Ruiz JR, **Sui X**, Lobelo F, Morrow JR, Jr., Jackson AW, Sjoström M, Blair SN. Association between muscular strength and mortality in men: prospective cohort study. *BMJ* 2008;337:a439-a448. PMID: PMC2453303
15. Shuger SL, **Sui X**, Church TS, Meriwether RA, Blair SN. Body mass index as a predictor of hypertension incidence among initially healthy normotensive women. *Am J Hypertens* 2008 June;21(6):613-9. PMID: PMC3410431
16. **Sui X**, Hooker SP, Lee IM, Church TS, Colabianchi N, Lee CD, Blair SN. A prospective study of cardiorespiratory fitness and risk of type 2 diabetes in women. *Diabetes Care* 2008 March;31(3):550-5. PMID: PMC3410433
17. **Sui X**, Church TS, Meriwether RA, Lobelo F, Blair SN. Uric acid and the development of metabolic syndrome in women and men. *Metabolism* 2008 June;57(6):845-52. PMID: PMC2486830
18. **Sui X**, Gheorghide M, Zannad F, Young JB, Ahmed A. A propensity matched study of the association of education and outcomes in chronic heart failure. *Int J Cardiol* 2008 September 16;129(1):93-9. PMID: PMC2657036
19. **Sui X**, Laditka JN, Church TS, Hardin JW, Chase N, Davis K, Blair SN. Prospective study of cardiorespiratory fitness and depressive symptoms in women and men. *J Psychiatr Res* 2009 February;43(5):546-52. PMID: PMC2683669
20. Peel JB, **Sui X**, Matthews CE, Adams SA, Hebert JR, Hardin JW, Church TS, Blair SN. Cardiorespiratory fitness and digestive cancer mortality: findings from the aerobics center longitudinal study. *Cancer Epidemiol Biomarkers Prev* 2009 April;18(4):1111-7. PMID: PMC2688961
21. Peel JB, **Sui X**, Adams SA, Hebert JR, Hardin JW, Blair SN. A prospective study of cardiorespiratory fitness and breast cancer mortality. *Med Sci Sports Exerc* 2009 April;41(4):742-8. PMID: PMC3774121
22. Chase NL, **Sui X**, Lee DC, Blair SN. The association of cardiorespiratory fitness and physical activity with incidence of hypertension in men. *Am J Hypertens* 2009 April;22(4):417-24.
23. Lee DC, **Sui X**, Blair SN. Does physical activity ameliorate the health hazards of obesity? *Br J Sports Med* 2009 January;43(1):49-51.
24. Lee DC, **Sui X**, Church TS, Lee IM, Blair SN. Associations of cardiorespiratory fitness and obesity with risks of impaired fasting glucose and type 2 diabetes in men. *Diabetes Care* 2009 February;32(2):257-62. PMID: PMC2628690
25. Ruiz JR, **Sui X**, Lobelo F, Lee DC, Morrow JR, Jr., Jackson AW, Hebert JR, Matthews CE, Sjoström M, Blair SN. Muscular strength and adiposity as predictors of adulthood cancer mortality in men. *Cancer Epidemiol Biomarkers Prev* 2009 May;18(5):1468-76. PMID: PMC3762582
26. Jaggers JR, **Sui X**, Hooker SP, Lamonte MJ, Matthews CE, Hand GA, Blair SN. Metabolic syndrome and risk of cancer mortality in men. *Eur J Cancer* 2009 July;45(10):1831-8. PMID: PMC2700189

27. Church TS, Thompson AM, Katzmarzyk PT, **Sui X**, Johannsen N, Earnest CP, Blair SN. Metabolic syndrome and diabetes, alone and in combination, as predictors of cardiovascular disease mortality among men. *Diabetes Care* 2009 July;32(7):1289-94. PMID: PMC2699717
28. Ekundayo OJ, Markland A, Lefante C, **Sui X**, Goode PS, Allman RM, Ali M, Wahle C, Thornton PL, Ahmed A. Association of diuretic use and overactive bladder syndrome in older adults: a propensity score analysis. *Arch Gerontol Geriatr* 2009 July;49(1):64-8. PMID: PMC2720316
29. Campbell RC, **Sui X**, Filippatos G, Love TE, Wahle C, Sanders PW, Ahmed A. Association of chronic kidney disease with outcomes in chronic heart failure: a propensity-matched study. *Nephrol Dial Transplant* 2009 January;24(1):186-93. PMID: PMC2721423
30. Adamopoulos C, Pitt B, **Sui X**, Love TE, Zannad F, Ahmed A. Low serum magnesium and cardiovascular mortality in chronic heart failure: a propensity-matched study. *Int J Cardiol* 2009 August 21;136(3):270-7. PMID: PMC2721016
31. Kuk JL, Ardern CI, Church TS, Hebert JR, **Sui X**, Blair SN. Ideal weight and weight satisfaction: association with health practices. *Am J Epidemiol* 2009 August 15;170(4):456-63. PMID: PMC2727176
32. McAuley PA, **Sui X**, Church TS, Hardin JW, Myers JN, Blair SN. The joint effects of cardiorespiratory fitness and adiposity on mortality risk in men with hypertension. *Am J Hypertens* 2009 October;22(10):1062-9.
33. Lyerly GW, **Sui X**, Lavie CJ, Church TS, Hand GA, Blair SN. The association between cardiorespiratory fitness and risk of all-cause mortality among women with impaired fasting glucose or undiagnosed diabetes mellitus. *Mayo Clin Proc* 2009 September;84(9):780-6. PMID: PMC2735427
34. Jackson AS, **Sui X**, Hebert JR, Church TS, Blair SN. Role of lifestyle and aging on the longitudinal change in cardiorespiratory fitness. *Arch Intern Med* 2009 October 26;169(19):1781-7. PMID: PMC3379873
35. Lee CD, **Sui X**, Blair SN. Combined effects of cardiorespiratory fitness, not smoking, and normal waist girth on morbidity and mortality in men. *Arch Intern Med* 2009 December 14;169(22):2096-101.
36. Ekundayo OJ, Adamopoulos C, Ahmed MI, Pitt B, Young JB, Fleg JL, Love TE, **Sui X**, Perry GJ, Siscovick DS, Bakris G, Ahmed A. Oral potassium supplement use and outcomes in chronic heart failure: a propensity-matched study. *Int J Cardiol* 2010 May 28;141(2):167-74. PMID: PMC2900187
37. Sieverdes JC, **Sui X**, Lee DC, Church TS, McClain A, Hand GA, Blair SN. Physical activity, cardiorespiratory fitness and the incidence of type 2 diabetes in a prospective study of men. *Br J Sports Med* 2010 March;44(4):238-44.
38. Maslow AL, **Sui X**, Colabianchi N, Hussey J, Blair SN. Muscular strength and incident hypertension in normotensive and prehypertensive men. *Med Sci Sports Exerc* 2010 February;42(2):288-95. PMID: PMC2809142
39. Mitchell JA, Church TS, Rankinen T, Earnest CP, **Sui X**, Blair SN. FTO genotype and the weight loss benefits of moderate intensity exercise. *Obesity (Silver Spring)* 2010 March;18(3):641-3. PMID: PMC2828508

40. Warren TY, Barry V, Hooker SP, **Sui X**, Church TS, Blair SN. Sedentary behaviors increase risk of cardiovascular disease mortality in men. *Med Sci Sports Exerc* 2010 May;42(5):879-85. PMID: PMC2857522
41. **Sui X**, Lee DC, Matthews CE, Adams SA, Hebert JR, Church TS, Lee CD, Blair SN. Influence of cardiorespiratory fitness on lung cancer mortality. *Med Sci Sports Exerc* 2010 May;42(5):872-8. PMID: PMC2859116
42. Ortega FB, Lee DC, **Sui X**, Ruiz JR, Cheng YJ, Church TJ, Miller CC, Blair SN. Cardiorespiratory fitness, adiposity, and incident asthma in adults. *J Allergy Clin Immunol* 2010 January;125(1):271-3. PMID: PMC2836774
43. Byun W, Sieverdes JC, **Sui X**, Hooker SP, Lee CD, Church TS, Blair SN. Effect of Positive Health Factors and All-Cause Mortality in Men. *Med Sci Sports Exerc* 2010 September;42(9):1632-8.
44. Banda JA, Clouston K, **Sui X**, Hooker SP, Lee CD, Blair SN. Protective health factors and incident hypertension in men. *Am J Hypertens* 2010 June;23(6):599-605.
45. Lyerly GW, **Sui X**, Church TS, Lavie CJ, Hand GA, Blair SN. Maximal exercise electrocardiographic responses and coronary heart disease mortality among men with metabolic syndrome. *Mayo Clin Proc* 2010 March;85(3):239-46. PMID: PMC2843111
46. Jackson AW, Lee DC, **Sui X**, Morrow JR, Jr., Church TS, Maslow AL, Blair SN. Muscular strength is inversely related to prevalence and incidence of obesity in adult men. *Obesity (Silver Spring)* 2010 October;18(10):1988-95.
47. Matthews CE, **Sui X**, Lamonte MJ, Adams SA, Hebert JR, Blair SN. Metabolic syndrome and risk of death from cancers of the digestive system. *Metabolism* 2010 August;59(8):1231-9. PMID: PMC2891079
48. Mertz KJ, Lee DC, **Sui X**, Powell KE, Blair SN. Falls Among Adults The Association of Cardiorespiratory Fitness and Physical Activity with Walking-Related Falls. *Am J Prev Med* 2010 July;39(1):15-24. PMID: PMC2897244
49. Mitchell JA, Bornstein DB, **Sui X**, Hooker SP, Church TS, Lee CD, Lee DC, Blair SN. The impact of combined health factors on cardiovascular disease mortality. *Am Heart J* 2010 July;160(1):102-8. PMID: PMC2897813
50. Lee DC, Artero EG, **Sui X**, Blair SN. Mortality trends in the general population: the importance of cardiorespiratory fitness. *Journal of Psychopharmacology* 2010;24(11):S27-S35. PMID: PMC2951585
51. Ortega FB, Lee DC, **Sui X**, Kubzansky LD, Ruiz JR, Baruth M, Castillo MJ, Blair SN. Psychological well-being, cardiorespiratory fitness, and long-term survival. *Am J Prev Med* 2010;39(5):440-8. PMID: PMC2962920
52. Heroux M, Janssen I, Lam M, Lee DC, Hebert JR, **Sui X**, Blair SN. Dietary patterns and the risk of mortality: impact of cardiorespiratory fitness. *Int J Epidemiol* 2010 February;39(1):197-209. PMID: PMC2912488
53. Maslow AL, Price AE, **Sui X**, Lee DC, Vuori I, Blair SN. Fitness and adiposity as predictors of functional limitation in adults. *Journal of Physical Activity & Health* 2011;8(1):18-26.
54. Ortega FB, Brown WJ, Lee DC, Baruth M, **Sui X**, Blair SN. In fitness and health? A prospective study of changes in marital status and fitness in men and women. *Am J Epidemiol* 2011 February 1;173(3):337-44. PMID: PMC3105266
55. Barry V, McClain AL, Shuger S, **Sui X**, Hand GA, Wilcox S, Blair SN. Using a technology-based intervention to promote weight loss in sedentary overweight or obese

adults: a randomized controlled trial study design. *Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy* 2011;4:67-77. PMID: PMC3064410

56. Baruth M, Lee DC, **Sui X**, Church TS, Marcus BH, Wilcox S, Blair SN. Emotional outlook on life predicts increases in physical activity among initially inactive men. *Health Educ Behav* 2011 April;38(2):150-8.
57. Lee DC, **Sui X**, Ortega FB, Kim YS, Church TS, Winett RA, Ekelund U, Katzmarzyk PT, Blair SN. Comparisons of leisure-time physical activity and cardiorespiratory fitness as predictors of all-cause mortality in men and women. *Br J Sports Med* 2011 May;45(6):504-10.
58. Byun W, **Sui X**, Hebert JR, Church TS, Lee IM, Matthews CE, Blair SN. Cardiorespiratory fitness and risk of prostate cancer: findings from the Aerobics Center Longitudinal Study. *Cancer Epidemiol* 2011 February;35(1):59-65. PMID: PMC3062068
59. Xie M, Li H, Wang Z, Wang J, **Sui X**, Blair SN. Cardiorespiratory fitness: a core component of health-related physical fitness. *Journal of Beijing Sport University* 2011;34(2):1-7.
60. Perry GJ, Ahmed MI, Desai RV, Mujib M, Zile M, **Sui X**, Aban IB, Zhang Y, Tallaj J, Allman RM, Aronow WS, Fleg JL, Ahmed A. Left ventricular diastolic function and exercise capacity in community-dwelling adults ≥ 65 years of age without heart failure. *Am J Cardiol* 2011 September 1;108(5):735-40. PMID: PMC3324348
61. Lee CD, **Sui X**, Hooker SP, Hebert JR, Blair SN. Combined Impact of Lifestyle Factors on Cancer Mortality in Men. *Ann Epidemiol* 2011;21(10):749-54. PMID: PMC3166420
62. Sieverdes JC, **Sui X**, Lee DC, Lee IM, Hooker SP, Blair SN. Independent and joint associations of physical activity and fitness on stroke in men. *Phys Sportsmed* 2011 May;39(2):119-26.
63. Gander J, Lee DC, **Sui X**, Hebert JR, Hooker SP, Blair SN. Self-rated health status and cardiorespiratory fitness as predictors of mortality in men. *Br J Sports Med* 2011 November;45(14):1095-100. PMID: PMC3192266
64. Shuger SL, Barry VW, **Sui X**, McClain A, Hand GA, Wilcox S, Meriwether RA, Hardin JW, Blair SN. Electronic feedback in a diet- and physical activity-based lifestyle intervention for weight loss: a randomized controlled trial. *Int J Behav Nutr Phys Act* 2011;8:41. PMID: PMC3112373
65. Artero EG, Lee DC, Ruiz JR, **Sui X**, Ortega FB, Church TS, Lavie CJ, Castillo MJ, Blair SN. A prospective study of muscular strength and all-cause mortality in men with hypertension. *J Am Coll Cardiol* 2011 May 3;57(18):1831-7. PMID: PMC3098120
66. Sieverdes JC, **Sui X**, Hand GA, Barry VW, Wilcox S, Meriwether RA, Hardin JW, McClain AC, Blair SN. Cardiometabolic results from an armband-based weight loss trial. *Diabetes Metab Syndr Obes* 2011;4:187-94. PMID: PMC3131799
67. Howie EK, **Sui X**, Lee DC, Hooker SP, Hebert JR, Blair SN. Alcohol consumption and risk of all-cause and cardiovascular disease mortality in men. *J Aging Res* 2011;2011:805062. PMID: PMC3140194
68. Kuk JL, Ardern CI, Church TS, Sharma AM, Padwal R, **Sui X**, Blair SN. Edmonton Obesity Staging System: association with weight history and mortality risk. *Appl Physiol Nutr Metab* 2011 August;36(4):570-6. PMID: PMC

69. **Sui X**, Lavie CJ, Hooker SP, Lee DC, Colabianchi N, Lee CD, Blair SN. A prospective study of fasting plasma glucose and risk of stroke in asymptomatic men. *Mayo Clin Proc* 2011 November;86(11):1042-9. PMID: PMC3202993
70. Ajja R, Lee DC, **Sui X**, Church TS, Steven NB. Usefulness of serum bilirubin and cardiorespiratory fitness as predictors of mortality in men. *Am J Cardiol* 2011 November 15;108(10):1438-42. PMID: PMC3206143
71. Lee DC, **Sui X**, Artero EG, Lee IM, Church TS, McAuley PA, Stanford FC, Kohl HW, III, Blair SN. Long-term effects of changes in cardiorespiratory fitness and body mass index on all-cause and cardiovascular disease mortality in men: the aerobics center longitudinal study. *Circulation* 2011 December 6;124(23):2483-90. PMID: PMC3238382
72. Sieverdes JC, **Sui X**, Blair SN. Associations between Physical Activity and Submaximal Cardiorespiratory and Pulmonary Responses in Men. doi:10.4172/2161-0673.1000102. *J Sport Medic Doping Studie* 2011 November 22;1(102):1-7. PMID: PMC3359015
73. Kim J, Byun W, **Sui X**, Lee DC, Cheng YJ, Blair SN. Heart rate recovery after treadmill exercise testing is an independent predictor of stroke incidence in men with metabolic syndrome. *Obesity Research & Clinical Practice* 2011;5:e295-e303.
74. Heroux M, Janssen I, Lee DC, **Sui X**, Hebert JR, Blair SN. Clustering of Unhealthy Behaviors in the Aerobics Center Longitudinal Study. *Prev Sci* 2012 April; 13(2):183-95. PMID: PMC3304050
75. Goodrich KM, Crowley SK, Lee DC, **Sui X**, Hooker SP, Blair SN. Associations of cardiorespiratory fitness and parental history of diabetes with risk of type 2 diabetes. *Diabetes Res Clin Pract* 2012 March; 95(3):425-31.
76. Lee DC, **Sui X**, Church TS, Lavie CJ, Jackson AS, Blair SN. Changes in fitness and fatness on the development of cardiovascular disease risk factors hypertension, metabolic syndrome, and hypercholesterolemia. *J Am Coll Cardiol* 2012 February 14;59(7):665-72. PMID: PMC3293498
77. Sieverdes JC, Ray BM, **Sui X**, Lee DC, Hand GA, Baruth M, Blair SN. Association between Leisure Time Physical Activity and Depressive Symptoms in Men. *Med Sci Sports Exerc* 2012 February;44(2):260-5
78. Liu R, **Sui X**, Laditka JN, Church TS, Colabianchi N, Hussey J, Blair SN. Cardiorespiratory Fitness as a Predictor of Dementia Mortality in Men and Women. *Med Sci Sports Exerc* 2012 February;44(2):253-9.
79. McAuley PA, Artero EG, **Sui X**, Lee DC, Church TS, Lavie CJ, Myers JN, Espana-Romero V, Blair SN. The Obesity Paradox, Cardiorespiratory Fitness, and Coronary Heart Disease. *Mayo Clin Proc* 2012 April 11;87(5):443-451. PMID: PMC3538467
80. Shook RP, Lee DC, **Sui X**, Prasad V, Hooker SP, Church TS, Blair SN. Cardiorespiratory fitness reduces the risk of incident hypertension associated with a parental history of hypertension. *Hypertension* 2012 June;59(6):1220-4. PMID: PMC
81. Archer E, Groessl EJ, **Sui X**, McClain AC, Wilcox S, Hand GA, Meriwether RA, Blair SN. An economic analysis of traditional and technology-based approaches to weight loss. *Am J Prev Med* 2012 August;43(2):176-82.
82. Artero EG, Lee DC, Lavie CJ, Espana-Romero V, **Sui X**, Church TS, Blair SN. Effects of Muscular Strength on Cardiovascular Risk Factors and Prognosis. *J Cardiopulm Rehabil Prev* 2012 Nov; 32(6):351-8. PMID: PMC3496010

83. **Sui X**, Jackson AS, Church TS, Lee DC, O'Connor DP, Liu J, Blair SN. Effects of cardiorespiratory fitness on aging: glucose trajectory in a cohort of healthy men. *Ann Epidemiol* 2012 September;22(9):617-22. PMID: PMC3723333
84. Kline CE, **Sui X**, Hall MH, Youngstedt SD, Blair SN, Earnest CP, Church TS. Dose-response effects of exercise training on the subjective sleep quality of postmenopausal women: exploratory analyses of a randomised controlled trial. *BMJ Open* 2012;2(4). PMID: PMC3400065
85. Jackson AS, Janssen I, **Sui X**, Church TS, Blair SN. Longitudinal changes in body composition associated with healthy ageing: men, aged 20-96 years. *Br J Nutr* 2012 April;107(7):1085-91.
86. Artero EG, Espana-Romero V, Lee DC, **Sui X**, Church TS, Lavie CJ, Blair SN. Ideal cardiovascular health and mortality: Aerobics Center Longitudinal Study. *Mayo Clin Proc* 2012 October;87(10):944-52. PMID: PMC3538395
87. Dishman RK, **Sui X**, Church TS, Hand GA, Trivedi MH, Blair SN. Decline in cardiorespiratory fitness and odds of incident depression. *Am J Prev Med* 2012 October;43(4):361-8. PMID: PMC3478961
88. Bowling CB, Fonarow GC, Patel K, Zhang Y, Feller MA, **Sui X**, Blair SN, Alagiakrishnan K, Aban IB, Love TE, Allman RM, Ahmed A. Impairment of activities of daily living and incident heart failure in community-dwelling older adults. *Eur J Heart Fail* 2012 June;14(6):581-7. PMID: PMC3359859
89. Jackson AS, **Sui X**, O'Connor DP, Church TS, Lee DC, Artero EG, Blair SN. Longitudinal cardiorespiratory fitness algorithms for clinical settings. *Am J Prev Med* 2012 November;43(5):512-9. PMID: PMC3479664
90. Ortega FB, Lee DC, Katzmarzyk PT, Ruiz JR, **Sui X**, Church TS, Blair SN. The intriguing metabolically healthy but obese phenotype: cardiovascular prognosis and role of fitness. *Eur Heart J* 2013;34(5):389-97. PMID: PMC3561613.
91. **Sui X**, Zhang J, Lee DC, Church TS, Lu W, Liu J, Blair SN. Physical activity/fitness peaks during perimenopause and BMI change patterns are not associated with baseline activity/fitness in women: a longitudinal study with a median 7-year follow-up. *Br J Sports Med* 2013 January;47(2):77-82.
92. Stoutenberg M, Lee DC, **Sui X**, Hooker S, Horigian V, Perrino T, Blair S. Prospective study of alcohol consumption and the incidence of the metabolic syndrome in US men. *Br J Nutr* 2013 Sep 14;110(5):901-10.
93. Earnest CP, Artero EG, **Sui X**, Lee DC, Church TS, Blair SN. Maximal Estimated Cardiorespiratory Fitness, Cardiometabolic Risk Factors, and Metabolic Syndrome in the Aerobics Center Longitudinal Study. *Mayo Clin Proc* 2013 February 2;88(3):259-70. PMID: PMC3622904
94. Moliner-Urdiales D, Artero EG, Lee DC, Espana-Romero V, **Sui X**, Blair SN. Body adiposity index and all-cause and cardiovascular disease mortality in men. *Obesity (Silver Spring)* 2013 Sep; 21(9):1870-1876. PMID: PMC3695010
95. Jaggars JR, Dudgeon W, Blair SN, **Sui X**, Burgess S, Wilcox S, Hand GA. A home-based exercise intervention to increase physical activity among people living with HIV: study design of a randomized clinical trial. *BMC Public Health* 2013;13:502. doi:10.1186/1471-2458-13-502. PMID: PMC3668143
96. Patel K*, **Sui X***, Zhang Y, Fonarow GC, Aban IB, Brown CJ, Bittner V, Kitzman DW, Allman RM, Banach M, Aronow WS, Anker SD, Blair SN, Ahmed A. Prevention of heart

failure in older adults may require higher levels of physical activity than needed for other cardiovascular events. *Int J Cardiol* 2013 Oct;168(3):1905-1909. PMID: PMC4142221

***Authors contributed equally**

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NON-PEER REVIEWED PUBLICATIONS:

1. 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.
2. 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.
3. 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.
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. 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.
6. 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.
7. Becofsky KM, **Sui X**, Lee DC. Three Authors Reply. *Am J Epidemiol* 2015 August 1;182(3):279.

Manuscripts accepted (currently in press)

1. Ortega FB, **Sui X**, Lavie CJ and Blair SN. Body mass index, the most widely used but also widely criticized index: would a gold-standard measure of total body fat be a better predictor of cardiovascular disease mortality? *Mayo Clinic Proceedings*.

Manuscripts submitted but not yet accepted

2. Jimenez-Pavon D, Artero EG, Lee DC, Espana-Romero V, **Sui X**, Pate RR, Church TS, Moreno LA, Lavie CJ, and Blair SN. Cardiorespiratory fitness and risk of sudden cardiac death among men and women in the United States. A prospective evaluation from the Aerobics Center Longitudinal Study. *Mayo Clinic Proceedings*.
3. Li C, Mikus C, Ahmed A, Hu G, Xiong K, Zhang Y, and **Sui X**. A cross-sectional study of cardiorespiratory fitness and gallbladder disease. *BMC Public Health*.
4. Yan Y, **Sui X**, Yao B, Lavie CJ, Wang Z, Xie M, and Blair SN. Is there a dose-response relationship between tea consumption and all-cause, cardiovascular disease and cancer mortality? *Mayo Clinic Proceedings*.
5. Breneman CB, Polinski K, Sarzynski M, Lavie CJ, Kokkinos PF, Ahmed A, and **Sui X**. The impact of cardiorespiratory fitness levels on the risk of developing atherogenic dyslipidemia. *Mayo Clinic Proceedings*.

PRESENTATIONS, CONFERENCES AND WORKSHOPS

- **Invited Talk**

1. *Tips for publishing in peer-reviewed journals*, Beijing Sports University, Beijing, China, January 5, 2016.
2. *Cohort study design and its application in the area of physical activity*, Beijing Sports University, Beijing, China, January 5, 2016.
3. *An overview of data management and data sharing in research*, Beijing Sports University, Beijing, China, January 5, 2016.
4. *Cohort study design and data management*, International Forum for EIM-OC, Beijing Sports University, Beijing, China, January 6, 2016.
5. *The health benefits of physical activity*, Beijing Sports University, Beijing, China, November 27, 2014.
6. *Advanced research on energy balance*, #513 Xiangshan Conference on Physical Activity and Health, Beijing, China, November 26, 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 Sports University, Beijing, China, December 16, 2013.
9. *Fitness vs. fatness: is it more important to be 'fit' or 'not fat'?*, ACSM's 60th Scientific Symposium, Indianapolis, Indiana, USA, June 1, 2013.

10. *Physical Activity Epidemiology workshop*, Beijing Sports University, Beijing, China, December 27, 2011-January 6, 2012.
11. ACLS Research in the University of South Carolina, Beijing Sports University, Beijing, China, January 11, 2010.

- **Contributed Talk with Abstract Published**

12. **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.
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**, 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.

- **Poster Presentation with Abstract Published**

15. **Sui X**, Jurca R, FitzGerald SJ, LaMonte MJ. *Cardiorespiratory fitness as a predictor of nonfatal cardiovascular events in asymptomatic women and men*. Poster presented at the 2006 annual meeting on cardiovascular disease epidemiology and prevention in association with the council on nutrition, physical activity, and metabolism of the American Heart Association. 2006.
16. **Sui X**, Jurca R, Blair SN, LaMonte MJ. *Physical activity, cardiorespiratory fitness, and chronic disease risk in adults*. Poster presented at the 1st International Congress on physical activity and public health of CDC, Atlanta, Georgia, April 17, 2006.
17. **Sui X**, Jurca R, FitzGerald SJ, LaMonte MJ. *Cardiorespiratory fitness and risk of nonfatal cardiovascular disease in women and men with hypertension*. Poster presented at the 2006 annual meeting of American College of Sports Medicine, Denver, CO, 2006.
18. **Sui X**, Blair SN, LaMonte MJ. *Functional capacity and mortality in older women and men*. Poster presented at the 2006 annual meeting of the Gerontological Society of America. *The Gerontologist*. 2006;46(Special Issue 1):162
19. **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.
20. **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.
21. **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.
22. **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.

23. **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.
24. **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.
25. **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.
26. **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.
27. **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.
28. **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.
29. **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.
30. **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.
31. **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.
32. **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.
- 33.

CONTRIBUTED ABSTRACTS

Note: _ graduate students under my supervision to produce the abstract.

1. Ahmed A, **Sui X**. Diuretic use and overactive bladder symptoms and quality of life in older adults. Poster presented at the 2004 annual meeting of the Gerontological Society of America. *The Gerontologist*. 2004;44(Special Issue 1):446
2. Ahmed A, Love TE, **Sui X**, Rich MW. ACE inhibitors improve survival in heart failure patients with systolic dysfunction and chronic kidney disease: A propensity score analysis. Paper presented at the 2004 Annual Meeting of the American Heart Association. *Circulation*. 2004;110(17):S749.
3. Jurca R, GitzGerald SJ, Nichaman MZ, **Sui X**, LaMonte MJ. Joint association of cardiorespiratory fitness and metabolic syndrome with nonfatal CHD events in men. Poster presented at the 2006 annual meeting on cardiovascular disease epidemiology and prevention in association with the council on nutrition, physical activity, and metabolism of the American Heart Association. 2006.
4. LaMonte MJ, Jurca R, GitzGerald SJ, **Sui X**, Nichaman MZ. Adiposity and cardiorespiratory fitness predict diabetes risk in men. Paper presented at the 2006 annual meeting on cardiovascular disease epidemiology and prevention in association with the council on nutrition, physical activity, and metabolism of the American Heart Association. 2006.
5. Blair SN, **Sui X**, Jurca R, LaMonte MJ. Attributable fractions of health outcomes for low fitness and other predictors in women. Poster presented at the 1st International Congress on physical activity and public health of CDC, Atlanta, Georgia, April 18, 2006.
6. LaMonte MJ, Jurca R, **Sui X**, Blair SN. Attributable fractions of health outcomes for low fitness and other predictors in men. Poster presented at the 1st International Congress on physical activity and public health of CDC, Atlanta, Georgia, April 18, 2006.
7. LaMonte MJ, Jurca R, FitzGerald SJ, **Sui X**, Gibbons LW, Blair SN. Cardiorespiratory fitness is inversely associated with diabetes and nonfatal cardiovascular disease in men with metabolic syndrome. Poster presented at the 2006 annual meeting of American College of Sports Medicine, Denver, CO, 2006.
8. Blair SN, **Sui X**, LaMonte MJ. Cardiorespiratory fitness, adiposity, and mortality in older women and men. Poster presented at the 2006 annual meeting of the Gerontological Society of America. *The Gerontologist*. 2006;46(Special Issue 1):162
9. 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.
10. 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
11. 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
12. 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.

13. 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.
14. 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.
15. 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.
16. 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.
17. 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.
18. 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.
19. 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.
20. Jagers 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.
21. 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.
22. 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.
23. 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.
24. 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.

25. 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.
26. 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.
27. 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.
28. 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): S177.
29. 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): S177.
30. 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): S177.
31. 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): S178.
32. 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): S57.
33. 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): S57.
34. Banda JA, Clouston K, **Sui X**, Hookey 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.
35. 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.
36. 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.
37. 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.

38. 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.
39. 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.
40. 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.
41. 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.
42. 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.
43. 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.
44. 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.
45. 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.
46. 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.
47. 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.
48. 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.
49. 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.
50. 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.
 51. 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.
 52. 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.
 53. 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.
 54. 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.
 55. 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.
 56. 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.
 57. 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.
 58. 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.
 59. 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.
 60. 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.
61. 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.
 62. 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.
 63. 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.
 64. 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.
 65. 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.
 66. 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.
 67. 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.
 68. 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.
 69. 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.
 70. 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.

71. 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.
72. 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.
73. 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.
74. 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.

TEACHING AND MENTORING ACTIVITIES:

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

- EXSC 700, Physical activity epidemiology method & practice
EXSC 882- Physical activity epidemiology research method

Date Taught: Spring 2013, 2014, 2015

- EXSC 755B-Controlled trials in exercise science

Date Taught: Fall 2013

- EXSC 727-Controlled trials in exercise science

Date Taught: Fall 2014

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

- EXSC 410-Psychology of Physical Activity

Date Taught: Fall 2015

STUDENTS AND TRAINEES

VISITING SCHOLAR

<u>VISITING SCHOLAR</u>	YEAR	WHERE
XIAORONG CHEN	2011-2012	CHINA CDC
HUAN WANG	2011-2012	CHINA INSTITUTE OF SPORT SCIENCE
PEIZHENG ZHANG	2012-2013	BEIJING SPORTS UNIVERSITY, CHINA
YONG JIANG	2012-2013	CHINA CDC
ZHENGXIONG YANG	2013-2014	CHINA CDC
JUNQIANG QIU	2013-2014	BEIJING SPORTS UNIVERSITY, CHINA
YI YAN	2014-2015	BEIJING SPORTS UNIVERSITY, CHINA
GUOHUA ZHENG	2014	FUJIAN UNIVERSITY OF TRADITIONAL CHINESE MEDICINE, CHINA
ALBERTO MALDONADO	2015	UNIVERSITY OF GRANADA, SPAIN

VISITING STUDENT

BRUNA CAMILO TURI	2013-2014	PHD CANDIDATE IN HUMAN MOVEMENT SCIENCE UNIVERSIDADE ESTABUAL PAULISTA JULIO DE MESQUITA FIHO, UNESP, SAO PAULO, BRAZIL
HAIWEI LI	2013-2014	BEIJING SPORTS UNIVERSITY, CHINA
CHANGQING LI	2014-2015	BEIJING SPORTS UNIVERSITY, CHINA

DOCTOR OF PHILOSOPHY

JENNIFER GANDER	2014	Expansion of the Framingham Risk Score with the inclusion of cardiorespiratory fitness
JONATHAN PAYNE	2013-PRESENT	Non-exercise equation for estimating cardiorespiratory fitness

DISSERTATION

COMMITTEE MEMBER

SHANNON CROWLEY	2013	The Relationship between Physical Fitness and Psychological Health Outcomes in Soldiers Participating in Army Basic Combat Training
LUJING ZHAN	2014	Gestational weight gain, pregnancy outcomes, and use of perinatal health services
VIVEK PRASAD	2015	Cardiorespiratory fitness, body fatness and submaximal blood pressure
JESSICA CHANDLER	2012-PRESENT	Maximization of children's physical activity opportunities in after school programs
SAMANTHA McDONALD	2015-	Physical activity during pregnancy

MASTER OF SCIENCE

NADER TANNER	2014	The short-term response to Jiu-jitsu training
CINNA ATTAR	2015	Physical activity levels of dementia caregiver in South Carolina

EXTERNAL FUNDING:

ACTIVE

2013 Title: Uruguay Health Study
PI: Sui
Dates: 7/01/2013 –
Funder: the La Banca Company
Award: \$60,000

The purpose of this project is to conduct secondary data analyses using the clinical database and planning for a national study regarding the prevalence of risk factors in Uruguayan adolescents.

COMPLETED

2015 Title: Energy balance study
PI: Blair and Hand
Role: Co-investigator
Dates: 11/04/2010 – 12/31/2015
Funder: Coca-Cola

Award: \$2,520,772

The purpose of this project is to conduct a comprehensive energy balance study to identify the roles that energy intake and energy expenditure play in the obesity epidemic.

2014 ASPIRE I

Title: A feasibility study of using automated feedback to enhance physical activity and dietary self-management behaviors to promote weight loss in a healthcare setting.

Role: Principal Investigator

Dates: 05/16/2013 – 09/15/2014

Funder: USC Internal Grant

Award: \$14,979

The purpose of this study is to conduct a feasibility study of a technology-based weight management program designed to reduce body weight and composition in a health care setting.

COBRE Pilot Grant

Title: The effects of micronutrient consumption from both diet and dietary supplements among energy balance study participants

Role: Principal Investigator

Dates: 02/01/2013 – 02/01/2014

Funder: NIH P20 GM10364

Award: \$10,000

The goal of this study is to conduct a secondary data analysis using Energy Balance database and to evaluate the relationship between dietary supplement, physical activity, fitness and body composition.

2013 NIH (1R21NR011281-01A2)

Title: Home-based exercise for management of HIV-associated cardiovascular disease risk

PI: Hand and Blair

Role: Co-investigator

Dates: 9/24/2010 – 7/31/2013

Funder: NIH/NINR (R21)

Award: \$407,588

The goal of this study is to conduct a feasibility study of a home-based physical activity program designed to reduce metabolic comorbidities associated with HIV infection and ART.

NIH (1R21DK088195-01)

Title: Understanding patterns of change in obesity and physical activity in adults

Role: Principal Investigator

Dates: 05/01/2010 – 04/30/2013

Funder: NIH/NIDDK (R21)

Award: \$398,142

The goal of this study is to conduct a secondary data analysis using ACLS database and to address a critical public health challenge by markedly expanding our knowledge of the patterns of change in weight and activity during adulthood.

2011 Title: Additional Analyses in the ACLS, Year 2

PI: Blair

Role: Co-investigator

Dates: 02/20/2010-02/19/2011

Funder: Coca-Cola

Award: \$63,596

The goal of this study is to conduct additional data analyses and produce additional peer-reviewed manuscripts from the Aerobics Center Longitudinal Study (ACLS).

2010 Title: Additional Analyses in the ACLS, Year 1

PI: Blair

Role: Co-investigator

Dates: 02/20/2009-02/19/2010

Funder: Coca-Cola

Award: \$45,000

The goal of this study is to conduct additional data analyses and produce additional peer-reviewed manuscripts from the Aerobics Center Longitudinal Study (ACLS).

Title: Health Benefits of Swimming: A Prospective Study of Morbidity and Mortality in the Aerobics Center Longitudinal Study

PI: Blair

Role: Project Director

Dates: 08/31/2007 – 07/31/2010

Funder: National Swimming Pool Foundation

Award: \$82,000

This study is evaluating the role of swimming in developing physical fitness, improving health status, and reducing chronic disease and premature death.

2009 Title: Use of Electronic Feedback in Diet and Physical Activity to Enhance Weight Management

PI: Blair

Role: Project Director

Dates: 09/01/2007 – 12/31/2009

Funder: BodyMedia, Inc.

Award: \$170,000

This study is evaluating the role of a metabolic monitoring system in weight loss and maintenance, both in conjunction with a standard weight behavioral weight control program and as a stand-alone intervention.

PENDING

Title: The effects of sleep on weight management and blood biomarkers

CO-PI: Sui (13% effort)

Dates: 07/01/2016 – 06/30/2018

Funder: NHLBI

Cost: \$214,170

The purpose of this study is to examine how sleep is influenced or can influence behavioral interventions related to weight management.

PROFESSIONAL SOCIETIES MEMBERSHIPS:

2005-2015	Member, American Heart Association (AHA)
2016-	Silver Heart Member, American Heart Association (AHA)
2005-2016	Member, American College of Sports Medicine (ACSM)
2015-	Member, Strategic Health Initiative (SHI)-Women, Sport and Physical Activity Committee of ACSM
2009-2011	The Gerontological Society of American (GSA)
2002-2005	American Public Health Association (APHA)

OTHER PROFESSIONAL APPOINTMENTS AND ACTIVITIES:

2012-	Editorial Board, <u>International Scholarly Research Network Epidemiology</u>
2011-	Editorial Board, <u>Journal of Sports Exercise & Doping Studies</u>
2006-	Review of manuscripts requested
	1. American Journal of Epidemiology
	2. Annals Epidemiology
	3. Archive Internal Medicine
	4. American Journal of Cardiology
	5. European Heart Journal
	6. BMC Cardiovascular Disorders
	7. Annals Internal Medicine
	8. BMC Public Health
	9. Journal of the American Geriatrics Society

10. Hypertension Research
11. Journal of Gerontology Medical Medicine
12. Journal Aging and Health
13. The Physician and Sportsmedicine
14. American Journal of Preventive Medicine
15. Medical Principles and Practice
16. Journal of Clinical Psychopharmacology
17. International Journal of Behavioral Nutrition and Physical Activity

OTHER UNIVERSITY, SCHOOL AND DEPARTMENT SERVICES

- 2013- MPH in Physical Activity & Public Health Advisory Committee
- 2014- Graduate Director for Health Aspects of Physical Activity Division of Department of Exercise Science
- 2015- Search committee of Department of Exercise Science