

Curriculum Vitae

Chong Lee FAHA, FACSM

Associate Professor
Honors Faculty
College of Health Solutions
Arizona State University
500 N. 3rd St, ABC #226
Phoenix, AZ 85003
480-884-2537
Chong.Lee@asu.edu

Research (40%); Teaching (40%); Service (20%)

Research Interests

Population Health

- Epidemiology (Physical Activity, Cardiovascular Disease, Cancer, & Chronic Disease)
- Biostatistics & Biomedical Informatics (Detection and Prediction Algorithms of Chronic Disease)
- Clinical Trials (Glycemic Control, Weight Loss, Sarcopenia, & Muscle Quality)

Statistics/Biostatistics Interests

- Power Calculations & Sample Size Estimations
- Prognostics Models, Survival Analysis, Structural Equation Modeling, Factor Analysis, Hierarchical Linear Modeling, Multivariate Statistics, Meta-Analysis.

Education

- The University of Minnesota, Minneapolis. NIH Post-Doctoral Fellow. Division of Epidemiology & Community Health, Emphasis: Epidemiology & Biostatistics. 1999-2001 (Mentor: Dr. Aaron Folsom).
- The Cooper Institute for Aerobics Research, Dallas, TX. Post-Doctoral Fellow. Division of Epidemiology and Clinical Applications, Emphasis: Epidemiology & Biostatistics. 1995-1998 (Mentor: Dr. Steven Blair).
- The University of Houston, Houston, Texas. Doctor of Education (Ed.D.), Department of Health and Human Performance, Emphasis: Measurement & Statistics, 1988-1994 (Mentor: Dr. Andrew Jackson).
- Tarleton State University, Stephenville, Texas. Master of Education (M.Ed.), Department of Health and Physical Education, Emphasis: Measurement & Evaluation, 1985-1987 (Mentor: Joe Gillespie)
- Yonsei University, Seoul, Korea. Bachelor of Science (B.S.), Department of Health and Physical Education, 1981-1985.

Professional Positions

- Arizona State University (2013-). College of Health Solutions (Associate Professor)
- Arizona State University (2006-2012). School of Nutrition & Health Promotion, Exercise Science & Health Promotion (Assistant Professor)
- University of Louisville (2004-2006). College of Education & Human Development, Department of Health and Sports Sciences (Assistant Professor)
- West Texas A&M University (2001-2004). College of Education, Department of Sports and Exercise Science (Assistant Professor)

Professional Affiliations

- America Heart Association
- American College of Sports Medicine
- North American Association for the Study of Obesity
- American Alliance for Health, Physical Education, Recreation and Dance
- World Taekwondo Federation (5th degree Black Belt)

Honors & Awards

- Fellow of the American Heart Association (FAHA) (2016)
- Fellow of the American College of Sports Medicine (FACSM) (2010)
- American Heart Association, The Steven N. Blair Award for Excellence in Physical Activity Research (2009)
- National Institute of Health, National Research Service Award (NRSA) (1999)
- Polar Electro Research Award (1996)
- Academic Excellence Award, Yonsei University (1983)

Publications

Published Articles (Google Citations >15352 H-index, 34; i10-index, 49)

81. Ma T, Cai Y, Sirard J, Xie YJ, Yang Q, Lee CD, Wang X, Liang X, Li Y, Lei J, Yiu M, Pang YC. Data from the UK Biobank demonstrate that increased brief, sporadic moderate-to-vigorous physical activity reduces mortality. *Communications Medicine*. 2026
80. Weeldreyer NR, McEntee ML, Martin MP, Lee CD, Marvasti FF, Gaesser G, Kessler R, and Angadi SS. A Patient Choice-Driven Lifestyle Intervention Lowers HbA1c in Type 2 Diabetes. *Physiological Reports*. 2025; 15;13:e70163.
79. Ma T, Bennett T, Lee CD, Wicklow M. The diurnal pattern of moderate-to-vigorous physical activity and obesity: a cross-sectional analysis. *Obesity*. 2023; 10: 2638-2647.)
78. Ma T, Jennings L, Sirard J, Xie YJ, Lee CD. Association of the time of day of peak physical activity with cardiovascular mortality: Findings from the UK Biobank study. *Chronobiology International*. 2023; 40:324-334.
77. Koskan A, Zittel M, Lee CD, Sanchez O, Alvarez L, Helitzer D. The feasibility and acceptability of a pilot randomized controlled trial testing pharmacy-based HPV vaccine completion. *Research in Social and Administrative Pharmacy*. 2022; 18:3038-3045.
76. Ma T, Xie Y, Bennett T, Lee CD. Time-of-day moderate-to-vigorous physical activity and all-cause mortality in individuals with type 2 diabetes. *Journal of Sports Sciences*. 2022; 40; 614-620.
75. Martin M, Lee CD, Henry L, Woodside S, Patkar A. SBIRT Training: How Do Social Work Students Compare to Medical Learners? *Social Work in Healthcare*. 2021; 60:631-641.
74. Ma T, Lee CD. The effect of resistant starch on postprandial glucose in sedentary, abdominally obese individuals. *Journal of Nutritional Medicine and Diet Care*. 2021; 7:048.
73. Koskan A, Vizcaino M, Brennhofer SA, Lee CD, Roberto T. Human papillomavirus vaccine administration behaviors and influences among Arizona pharmacists and pharmacy interns. *Human Vaccines & Immunotherapeutics*. 2021; 17: 3090-3095.
72. Virani SS, Alonso A, Aparicio HJ, Benjamin EJ, Bittencourt MS, Callaway CW, Carson AP, Chamberlain AM, Cheng S, Delling FN, Elkind MSV, Evenson KR, Ferguson JF, Gupta DK, Khan SS, Kissela BM, Knutson KL, Lee CD, Lewis TT, Liu J, Loop MS, Lutsey PL, Ma J, Mackey J, Martin SS, Matchar DB, Mussolino ME, Navaneethan SD, Perak AM, Roth GA, Samad Z, Satou GM, Schroeder EB, Shah SH, Shay CM, Stokes A, VanWagner LB, Wang NY, Tsao CW; Heart Disease and Stroke Statistics-2021 Update: A Report From the American Heart Association. *Circulation*. 2021; 148; e254-e743.
71. Nam K[†], Ringerbach SDR, Brusseau TA, Burns RD, Braden BB, Lee CD, Henderson HL. Immediate Reinforcement Increased Duration of Time Riding the Stationary Bicycle in Children with Autism Spectrum Disorder: A Pilot Study. *International Journal of Developmental Disabilities*. 2020;68:388-394.
- 70 Peña A[†], Olson ML, Soltero1 EG, Lee CD, Toledo MJ, Ayers S, Shaibi1 GQ. Evaluating a pragmatic estimate of insulin sensitivity in Latino youth with obesity. *Clinical Obesity* 2020;10:e12353.
69. Lee J*, Chen B, Kohl HW, Wright BB, Lee CD, Radford N, Defina L, Gabriel KP. The Association of Self-Reported Muscle-Strengthening Activities With Carotid Intima-Media Thickness in Older Adults: Cooper Center Longitudinal Study. *Journal of Aging and Physical Activity* 2020;28 (4);534-539.

68. Lee J*, Chen B, Kohl HW, Wright BB, Lee CD, Radford N, Defina L, Gabriel KP. The Association of Physical Activity with Carotid Intima-Media Thickening in Healthy Older Population: Cooper Center Longitudinal Study. *Journal of Aging and Physical Activity* 2020;28 (3):448-454.

67. Ma T†, Lee CD. Effect of acute bitter melon intake on postprandial glucose and insulin in sedentary, abdominally obese persons. *Functional Foods in Health and Disease* 2019;9: 384-391.

66. Huberty J, Green J†, Glissmann C, Larkey L, Puzia M, Lee CD. Efficacy of a mindfulness meditation mobile app, Calm, to reduce stress among college students: A randomized controlled trial. *JMIR Mhealth and Uhealth* 2019;7(6):e14273. DOI: 10.2196/14273.

65. Lee CD. Validity of hand-held dynamometer in assessing isometric leg strength in older adults. *International Journal of Applied Sports Sciences* 2019;31: 52-57.

64. Holzapfel SD†, Bosch PR, Lee CD, Pohl PS, Szeto M, Heyer B, Ringenbach SD, Acute Effects of Assisted Cycling Therapy on Post-Stroke Motor Function: A Pilot Study. *Rehabilitation Research and Practice* 2019; 1-10.

63. Lee J*, Chen B, Kohl HW, Wright BB, Lee CD, Radford N, Defina L, Gabriel KP. The association of midlife cardiorespiratory fitness with later life carotid atherosclerosis: Cooper Center Longitudinal Study. *Atherosclerosis* 2019;282:137-142.

62. Renteria-Mexia A†, Vega-Lopez S, Olson M, Pamela S, Lee CD, Nagle Williams A, Shaibi GQ. Effects of a lifestyle intervention on markers of oxidative stress among obese youth with prediabetes. *Public Health Nutrition* 2019;22: 706-713.

61. Huberty J, Matthews J†, Leiferman J, Lee CD. Use of complementary approaches in pregnant women with a history of miscarriage. *Complementary Therapies in Medicine* 2018;36:1-5.

60. Lee CD, Dierickx E. Defining sarcopenia using muscle quality index. *Journal of Aging Research and Clinical Practice* 2018; 7:55-59.

59. Hodges M†, Kulinna PH, Lee CD, Kwon JY. Professional development and teacher perceptions of experiences teaching health-related fitness knowledge. *Journal of Teaching Physical Education*. 2017; 36:32-39.

58. Son Y‡, Lee CD, Kim JK, Kim K, Hwang BY, Lee DT, Lee MY, Bae YJ. Concurrent Validation of T-REX Accelerometer. *International Journal of Applied Sports Sciences*, 2016;28:79-88.

57. Son Y‡, Lee CD, Kim JK, Kim K, Hwang BY, Lee DT. Criterion Validation of the T-REX Triaxial Accelerometer When Attached on Five Locations in Four Different Modes of Exercise. *Korean Society for Measurement and Evaluation in Physical Education and Sports Science*, 2016; 18:1-12.

56. Hodges MG†, Kulinna PH, van der Mars H, Lee CD. Knowledge in Action: Fitness Lesson Segments That Teach Health-Related Fitness in Elementary Physical Education. *Journal of Teaching Physical Education*. 2016;35:16-26.

55. Arnold T†, Johnston C, Lee CD, Garza AM. Eating in the absence of hunger in college students. *Appetite*. 2015;92:51-56.

54. Jae SY, Kurl S, Laukkonen JA, Lee CD, Choi YH, Fernhall B, Franklin B. Relation of c-reactive protein, fibrinogen, and cardiorespiratory fitness to risk of systemic hypertension in men. *American Journal of Cardiology*. 2015;115:1714-1719.

53. Hodges MG†, Lee CD, Lorenz K, Cipriani D. Review of the P.E. metrics: Cognitive assessment tool for the fifth-grade students. *Biomedical Human Kinetics*. 2015;7:119-125.

52. Angadi SS†, Mookadam F, Lee CD, Tucker WJ, Haykowsky MJ, Gaesser GA. High-intensity interval training vs. moderate-intensity continuous exercise training in heart failure with preserved ejection fraction: a pilot study. *Journal of Applied Physiology*. 2015;19:753-758.

51. Lee YH, Park SH, Yoon ES, Lee CD, Wee SO, Fernhall B, Jae SY. Effects of combined aerobic and resistance exercise on central arterial stiffness and gait velocity in patients with chronic poststroke hemiparesis. *Am J Phys Med Rehabil*. 2015;94:687-695.

50. Lee CD, Jae SY. Lifestyle factors and coronary artery calcification. *Pulse*. 2014;2:95-102.

49. Hodges M[†], Kulinna PH, Lee CD. Teaching healthy behavior knowledge in primary school physical education. *Biomedical Human Kinetics*, 2014;6, 33-39.

48. Lee YH, Yoon ES, Park SH, Heffernan KS, Lee CD, Jae SY. Associations of arterial stiffness and cognitive function with physical fitness in patients with chronic stroke. *Journal of Rehabilitation Medicine*. 2014;46, 413-417.

47. Yoon ES, Park SH, Lee YH, Lee CD, Jae SY. The effects of acute resistance exercise on ischemia-reperfusion injury-induced macro and microvascular dysfunction in healthy young adults. *The Korean Journal of Sports Medicine* 2013;31:107-114.

46. Lee CD, Kang HY. Associations of lifestyle factors with cancer mortality and life expectancy in men. *Korea Society for Wellness* 2013;8:397-404.

45. Kim PS, Shin YH, Noh SK, Jung HL, Lee CD, Kang HY. Beneficial effects of judo training on bone mineral density of high-school boys in Korea. *Biol Sport* 2013;30:295-299.

44. Lee CD, Sui X, Hooker SP, Hébert JR, Blair SN. Combined impact of lifestyle factors on cancer mortality in men. *Annals of Epidemiology* 2011;21:749-754.

43. Sui X, Lavie C.J., 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 Clinic Proceedings* 2011;86:1042-1049.

42. Jung HL[†], Kwak HE, Kim SS, Kim YC, Lee CD, Byurn HK, Kang HY. Effects of Panax ginseng supplementation on muscle damage and inflammation after uphill treadmill running in humans. *The American Journal of Chinese Medicine* 2011;39:441-450.

41. Herrmann SD[†], Hart TL, Lee CD, Ainsworth BE. Evaluation of the MyWellness key accelerometer. *British Journal of Sports Medicine* 2011; 45:109-113.

40. Mitros M[†], Gabriel KP, Ainsworth B, Lee CD, Campbell K, Swan P. Comprehensive Evaluation of a Single-Stage Submaximal Treadmill Walking Protocol in Healthy, Middle-Aged Women. *European Journal of Applied Physiology* 2011;111:47-56.

39. Mitchell JA[†], Bornstein DB, Sui X, Hooker S.P., Church TS, Lee CD, Blair SN. The impact of combined health factors on cardiovascular disease mortality. *American Heart Journal* 2010;160:102-108.

38. Jung HL, Kim BS, Lee CD, Na HJ, Kim SS, Kim YC, Kang HY. Effects of red ginseng intake on muscle injury due to eccentric exercise. *Preventive Nutrition and Food Science* 2010;15:88-91.

37. Banda JA[†], Clouston K, Sui X, Hooker SP, Lee CD, Blair SN. Protective Health Factors and Incident Hypertension in Men. *American Journal of Hypertension* 2010;23:599-605.

36. Byun W[†], Sui M, Hooker SP, Lee CD, Church TS, Steven N. Blair. Effect of positive health factors and all-cause mortality in men. *Medicine & Science in Sports and Exercise* 2010;42:1632-1638.

35. Pettee Gabriel K, Rankin RL, Lee CD, Charlton ME, Swan PE, Ainsworth BE. Test-retest reliability and validity of the 400-meter walk test in healthy, middle-aged women. *Journal of Physical Activity and Health* 2010;7:649-657.

34. Sui X, Lee DC, Matthews CE, Adams SA, Hebert JR, Church TS, Lee CD, Steven N. Blair. Influence of cardiorespiratory fitness on lung cancer mortality. *Medicine & Science in Sports and Exercise* 2010;42:872-878.

33. Lee CD, Sui X, Blair SN. Combined effects of cardiorespiratory fitness, not smoking, and normal waist girth on morbidity and mortality in men. *Archives of Internal medicine* 2009;169:2096-2101.

32. Choi HG[‡], Cho JH, Lee CD, Shin MR, Lee JH, Lee JH, Choi BI, Kim HJ, Kim SM, Jung JH, Jung SS, Yang MJ. Association of obesity-linked factors and inflammatory factors with leptin hormone in female college students. *Korean J Health Promot Dis Prev*. 2009;2:148-153.

31. Lee CD, Jae SY, Iribarren C, Pettee KK, Choi YH. Physical fitness and carotid atherosclerosis in men. *Int J Sports Med* 2009;30:672-676.

30. Pettee Gabriel K, McClain JJ; Lee CD; Swan PD, Alvar BA, Mitros MR, Ainsworth BE. Evaluation of physical activity measures used in middle-aged women. *Medicine & Science in Sports and Exercise* 2009;41:1403-1412.

29. Lee CD, Jacobs DR, Iribarren C, Sidney S. Cardiorespiratory fitness and coronary artery calcium in young adults: The CARDIA Study. *Atherosclerosis* 2009;203:263-268.
28. Jagers JR[†], Swank AM, Frost KL, Lee CD. The acute effects of dynamic and ballistic stretching on vertical jump height, force, and power. *Journal of Strength and Conditioning Research* 2008;22:1844-1849.
27. Park MJ, Jung SR, Jung HL, Craig WC, Lee CD, Kang HY. Effects of 4-week recombinant human growth hormone (rhGH) administration on insulin resistance of skeletal muscle in rats. *Yonsei Medical Journal* 2008;49:1008-1016.
26. Kruger J, Lee CD, Ainsworth BE, Macera CA. Body size satisfaction and physical activity levels among men and women. *Obesity Research* 2008;16:1976-1979.
25. Shin MY[‡], Lee CD, Kang HY, Oh DJ, Choi HG. Bone mineral density in different types of dance: Female high school and college students. *Journal of Korea Society of Dance Science*; 2008;16:79-88.
24. 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;31:550-555.
23. Choi HG[‡], Lee CD, Cho JH, Shin MR, Lee JH, Choi BI, Kim HJ, Kim SM, Jung JH. Association of white blood cell count with cardiorespiratory fitness, body composition, and blood lipids in female college students. *J Kor Sports Med* 2008;26:6-12.
22. Lee CD, Jacobs DR, Schreiner P, Iribarren C, Sidney S. Abdominal obesity and coronary artery calcification in young adults: The Coronary Artery Risk Development in Young Adults (CARDIA) Study. *Am J Clin Nutr* 2007;86:48-54.
21. Choi H[‡], Lee CD. Lifestyle risk factors and osteopenia in female college students. *The Korean Journal of Physical Education* 2007;46:485-492.
20. Iribarren C, Darbinian JA, Go AS, Fireman BH, Lee CD, Grey DP. Traditional and novel risk factors for clinically diagnosed abdominal aortic aneurysm: the Kaiser Multiphasic Health Checkup Cohort Study. *Annals of Epidemiology* 2007;17:669-678.
19. Shin MR[‡], Lee CD, Kang HY, Oh DJ, Choi HJ. The influences of dancing activity on bone mineral density in middle and high school females. *Journal of the Korean Society of Dance Science* 2007;14:67-74.
18. Lee CD. Cardiorespiratory fitness, body composition, and atherosclerotic vascular disease in young adults. *KAHPERD International Sports Science Congress* 2007:37-43.
17. Choi H[‡], Lee CD, Cho JH, Shin MY, Lee JH, Choy BI, Kim HJ, Kim SM, Jung JH. Association of osteopenia with physical activity in female college students. *The Korean Journal of Sports Science* 2007;16: 587-694.
16. Choi H[‡], Lee CD, Cho JH, Kim HJ, Shin MR, Lee JH, Choy BI. Association between bone mineral density and health-related physical fitness test components. *The Korean Journal of Sports Science* 2006;15: 625-632.
15. Choi H[‡], Lee CD, Kang HY, Byun WW, Shin MY, Oh DJ. Bone mineral density in different types of sports: Female high school athletes. *Journal of Korean Physical Education Association for Girls and Women* 2006;20: 37-44.
14. Jung JH[†], Joo JH, Lee KC, Lee CD, Shin MR, Choi HJ, Lee JH, Choi BI, Kim HJ, Kim SM. The relationships between health-related physical fitness, bone mineral density, serum lipid-lipoprotein profiles, and stress hormone in college females. *Korean Journal of Health Promotion* 2006;6:28-236.
13. Lee CD, Folsom AR, Pankow JS, Brancati F. Cardiovascular events in diabetic and non-diabetic adults with or without a history of myocardial infarction. *Circulation* 2004;109:855-860.
12. Kang HY, Joung SR, Lee CD. The effects of 12-week walking training on insulin sensitivity in a postmenopausal female with impaired fasting glucose. *Exercise Science* 2004, 13(4): 435-444.
11. Lee CD, Folsom AR, Blair SN. Physical activity and stroke risk: a meta-analysis. *Stroke* 2003;34:2475-2481.
10. Lee CD, Blair SN. Cardiorespiratory fitness and smoking-related and total cancer mortality in men. *Medicine & Science in Sports and Exercise* 2002;34:735-739.

9. Lee CD, Blair SN. Cardiorespiratory fitness and stroke mortality in men. *Medicine & Science in Sports and Exercise* 2002;34:592-595.
8. Lee CD, Folsom AR, Nieto FJ, Chambliss LE, Shahar E, Wolfe DA. White blood cell count and incidence of coronary heart disease and ischemic stroke, and mortality from cardiovascular disease in African-American and White men and women: Atherosclerosis Risk in Communities Study. *American Journal of Epidemiology* 2001;154:758-764.
7. Lee CD, Blair SN, Jackson AS. Cardiorespiratory fitness, body composition, all-cause and cardiovascular disease mortality in men. *American Journal of Clinical Nutrition* 1999;69:373-380.
6. Wei M, Gibbons LW, Mitchell TL, Kampert JB, Lee CD, Blair SN. The association between cardiorespiratory fitness and impaired fasting glucose and type 2 diabetes mellitus in men. *Annals of Internal Medicine* 1999;130:89-96.
5. Lee CD, Jackson AS, Blair SN. U.S. weight guidelines: Is it also important to consider cardiorespiratory fitness? *International Journal of Obesity* 1998;22 (Suppl 2): s2-s7.
4. Blair SN, Wei M, Lee CD. Cardiorespiratory fitness determined by exercise heart rate as a predictor of mortality in the Aerobics Center Longitudinal Study. *Journal of Sports Science* 1998;16:s47-s55.
3. Cho JH, Lee CD. Effects of prolonged detraining on stress hormone response to exercise. The 40th-anniversary ICHPERD SD world congress proceeding at Kyung Hee University, July 4-9. 1997;30-32.
2. Lee CD, Cho JH. Cardiorespiratory fitness, body mass index, and cardiovascular disease mortality in men. *Journal of Physical Education* 1998;37:204-210.
1. Lee CD, Cho JH. Change in physical activity and cardiovascular disease mortality in men. *Journal of Sports Science* 1997;6:241-247.

*Students; †Students (supervised data analyses); ‡Post-Doc

Book Chapters

1. Brodney S, Blair SN, Lee CD. Is it possible to be overweight or obese and fit and healthy? In: *Physical activity and obesity*, Bouchard C (ed), Champaign, IL: Human Kinetics Publishers, Inc., 2000: 355-371. (SCI citation Freq = 17)

Published Abstracts

103. Lee CD. Prediction Algorithms for Sarcopenia in Older Adults. *Circulation* 2025; 140: A.P.
102. Lee CD, Lee S. Association Between Strength Activity and Cardiovascular Disease and All-Cause Mortality in the United States General Population. *Medicine & Science in Sports & Exercise* 2023, 55 (Suppl)
101. Lee CD, Lee S. Validity And Reliability of Hand-held Dynamometer In Assessing Isometric Leg Strength In Older Adults. *Medicine & Science in Sports & Exercise* 2022, 54 (Suppl)
100. Weigand W, Tasevska N, Sweazea K, Lee CD, Palma-Duran S. Exploring the Association of Dietary Sugars and Advanced Glycation End Products. *American Society for Nutrition* 2021
99. Koskan, A., Leischow, S., Lee, C., Karuppanna, S. Community Pharmacists Vaccinate Against Cancer (CPVAC): Preliminary findings form a pilot randomized controlled trial. *International Papillomavirus Conference*. July 20-24, 2020.
98. Koskan A., Brennhofer S., Lee CD, Roberto A. Arizona pharmacy professionals' behaviors, subjective norms, and intentions to vaccinate against HPV. *International Papillomavirus Conference*. July 20-24, 2020.
97. Ma T, Lee CD, Hooker SN, Shaibi G, Johnston C, Ringenbach S. Motor-assisted And Functional Electrical Stimulation Cycling Impacts Postprandial Glucose In Diabetic Patients With ADL Disability. *Medicine & Science in Sports & Exercise* 2020, 52 (Suppl)
96. Lee CD, Lee S. The AHA'S 7 Health Metrics And Chronic Disease Mortality In Patients With CHD, Stroke, And Cancer. *Medicine & Science in Sports & Exercise* 2020, 52 (Suppl)

95. Lee CD, Lee S. Association between disabilities and cardiovascular disease mortality in diabetic men and women. *Circulation*, 2020.
94. Lee CD. Associations of muscle quality, muscle strength, and muscle mass with all-cause mortality in elderly men and women. *Circulation*, 2019; 134: A.P.
93. Green J, Huberty J, Glissmann, Larkey L, Sebren A, Lee CD. Impact of an 8-week mindfulness-based meditation mobile app on stress, mindfulness, and self-compassion among college students. *Society of Behavioral Medicine*, 2019
92. Huberty J, Glissmann, Eckert R, Larkey L, Sebren A, Lee CD. Calm College: The feasibility of a mobile app meditation intervention among stressed college students. *Society of Behavioral Medicine*, 2019
91. Ma T, Lee CD. Effect of Resistant starch on postprandial glucose levels in sedentary, abdominally obese persons. *American Diabetes Association* 2018
90. Ma T, Lee CD. Effect of Exercise and Bitter Melon Intake on Postprandial Glucose in Type 2 Diabetic Patients. *Medicine & Science in Sports & Exercise* 2018, 50 (Suppl)
89. Lee CD, Dierickx E, Ma T, Menkosky K. Impact of AHA's 7 Health Metrics on Life Expectancy in the United States General Population. *Medicine & Science in Sports & Exercise* 2017, 49 (Suppl)
88. Ma T, Lee CD. The acute effect of breaking up prolonged sitting on postprandial glucose: a meta-analysis of randomized clinical trials. *Southwest Chapter ACSM*, 2016.
87. Son Y, Cho I, Lee CD, Bae YJ, Hyung WJ, Lee DT. Effects of postoperative recovery exercise program on body composition, functional assessment, depression, fatigue, and inflammatory markers in early gastric cancer survivors. *Medicine & Science in Sports & Exercise* 2016, 48 (Suppl)
86. Bae YJ, Son Y, Lee CD. Association between cardiovascular health metrics and cancer mortality in men and women. *Medicine & Science in Sports & Exercise* 2016, 48 (Suppl)
85. Lee CD, Ma T. Obesity Paradox: Is It Important To Consider Muscle Mass? *Medicine & Science in Sports & Exercise* 2016, 48 (Suppl)
84. Ma T, Lee CD. Associations of lifestyle behaviors with cardiovascular disease and chronic disease mortality and life expectancy in men and women. *Medicine & Science in Sports & Exercise* 2016, 48 (Suppl)
83. Lee CD, Ma T. Impact of cardiovascular health metrics on life expectancy and all-cause mortality in middle-aged and elderly men and women. *Circulation*, 2016, 132.
82. Chakkera H, Lee CD, Dickinson J, Kaplan B, Qaqish I, Behmen S, Heilman R, Khamash H, Huskey J, Nair S, Scott R, Steidley E, Temkit M, Angadi S. VO2peak outperforms Troponin T for risk prediction of cardiovascular disease and all-cause mortality in patients with end-stage renal disease being evaluated for kidney transplant. *ATC* 2016.
81. Lee CD. Cardiovascular health metrics, lifetime risks of cardiovascular disease and chronic disease mortality, and life expectancy in men and women. *Circulation*, 2015; 131: AP370.
80. Buizer D, Lee CD. Healthy lifestyle behaviors, chronic disease mortality, and life expectancy in men and women. *Southwest American College of Sports Medicine*. 2014 October 16-18.
78. Goett T, Johnston C, Lee CD. Environmental cues have the greatest impact on eating in the absence of hunger in college students. *FASEB*, 2014;28:811.19.
77. Lee CD. Associations of Healthy Lifestyle Behaviors with Cardiovascular Disease and Chronic Disease Mortality and Life Expectancy in Men and Women. *Medicine & Science in Sports & Exercise* 2014, 46 (Suppl)
76. Jae SY, Lee CD, Heffernan KS, Park WH, Fernhall B. Associations of inflammatory markers and physical fitness with incident hypertension in normotensive men. *Medicine & Science in Sports & Exercise* 2016, 44 (Suppl)
75. Lee CD. Effects of Healthy Lifestyle Behaviors on Lifetime Risk of Chronic Disease Mortality and Life Expectancy in Men and Women. *Circulation*, 2014; 129: AMP27.
74. Hodges MG, Kulinna PH, van der Hans H, Lee CD. Knowledge in action: Effective fitness segments that teach health knowledge. *AAHPERD* 2014

73. Hodges MG, Kulinna PH, Lee CD. Teaching towards knowledge development without giving up physical activity. Southwest HPERD 2013

72. Lee CD. Combined Impact of Lifestyle Factors on Lifetime Risk of Chronic Disease Mortality in Men and Women. Medicine & Science in Sports & Exercise 2013; 45 (Suppl). P155

71. Lee CD. Combined impact of lifestyle factors on chronic disease mortality in men and women. Circulation, 2013;127:AP113

70. Lee CD, Sui X, Hooker SP, Lee SS, Blair SN. Maintaining healthy lifestyles and cardiovascular disease and all-cause mortality in men. Medicine & Science in Sports & Exercise 2012, 44 (Suppl)

69. Lee SS, Lee CD, Nationwide prevalence of ideal cardiovascular health and relationship with cardiovascular disease and all-cause mortality. Medicine & Science in Sports & Exercise 2012, 44 (Suppl)

68. Lee CD, Sui X, Hooker SP, Hébert JR, Blair SN. Association Between Height-to-Waist Ratio and Cardiovascular Disease Risk Factors in U.S. Adolescents. 2012 AHA Epi/NPAM, P2.

67. Angadi SS, Tucker WJ, Mookadam F, Lee CD, Gaesser GA. Ventilatory predictors of change in diastolic function in heart failure with preserved ejection fraction. American College of Sports Medicine Southwest Chapter Annual Meeting, Newport Beach, CA, October 19-20, 2012.

66. Angadi S, Mookadam F, Lee CD, Bright H, Royter A, Walish J, Zakis D, Thompson P, Gaesser GA. High-Intensity Interval Training Improves Diastolic Dysfunction In Patients With Heart Failure And Preserved Ejection Fraction. American Heart Association Annual Meeting, Los Angeles, CA, November 5, 2012.

65. Angadi S, Mookadam F, Lee CD, Bright H, Royter A, Walish J, Zakis D, Thompson P, Gaesser GA. High-Intensity Interval Training Improves Diastolic Dysfunction In Patients With Heart Failure And Preserved Ejection Fraction. Mayo Clinic/Arizona State University Research Summit, Tempe, AZ, December 1, 2012.

64. Lee CD, Sui X, Hooker SP, Hébert JR, Blair SN. Combined impact of lifestyle factors on cancer mortality in men. Medicine & Science in Sports & Exercise 2011, 43 (Suppl); S.

63. Greer J*, Lee CD, Kang H. Association between lifestyle factors and metabolic syndrome in U.S. Adolescents. Medicine & Science in Sports & Exercise 2011, 43 (Suppl); S.

62. Lee CD, Sui M, Blair SN. Prediction algorithms for type 2 diabetes in men and women. Circulation, 2011, P2.

61. Lee CD, Greer J*. Lifestyle behaviors and metabolic syndrome in U.S. adolescents. Southwest Chapter American College of Sports Medicine 2010

60. Greer J*, Lee CD. Adherence to healthy lifestyle habits in U.S. children and youth Southwest Chapter American College of Sports Medicine 2010

59. Jackson AS, Sui M, Lee CD, Blair SN. Role of aging and physical activity on the longitudinal changes of body composition. ICPAPH 2010.

58. Lee CD, Jackson AS, Sui M, Blair SN. Global non-laboratory prediction model for coronary heart disease in men: The ACLS Study. Medicine & Science in Sports & Exercise 2010, 42 (Suppl); 77-78.

57. Banda JA[†], Clouston K, Sui X, Hooker SP, Lee CD, Blair SN. Protective health factors and the incidence of hypertension in men. Medicine & Science in Sports & Exercise 2010, 42 (Suppl); 77-78.

56. Lee CD, Sui M, Blair SN. Combined effect of lifestyle factors on incident type 2 diabetes in men. Circulation, 2009, P129.

55. Lee CD, Sui M, Hooker P, Blair SN. Combined effect of lifestyle factors on cancer mortality in men: The ACLS Study. Circulation, 2010, P119.

54. Lee CD, Ryan D*, Furmanek C*. How many steps per day are enough? Southwest Chapter American College of Sports Medicine 2009, P24.

53. Meckes N[†], Herrmann SD, Hart TL, Lee CD, Ainsworth BE. Evaluation of the active key accelerometer. Southwest Chapter American College of Sports Medicine 2009, P25.

52. Furmanek C*, Ryan D, Lee CD. Height-to-waist ratio and cardiovascular disease risk factors in US adolescents. Southwest Chapter American College of Sports Medicine 2009, P21.

51. Ryan D*, Furmanek C, Lee CD. Prediction of metabolic syndrome in U.S. adolescents. Southwest Chapter American College of Sports Medicine 2009, P28.

50. Lee CD, Sui XM, Blair SN. Combined effects of cardiorespiratory fitness, not smoking, and normal waist girth on morbidity and mortality. Medicine & Science in Sports & Exercise 2009, 41 (Suppl); S278.

49. Jung HL†, Kim EM, Noh SK, Kang HY, Kang YS, Lee CD, Hong SW. Effects Of 12week Aerobic Exercise On Leptin, Tnf- α , and Ghrelin On Postmenopausal Women. Medicine & Science in Sports & Exercise. 2009, 41 (Suppl); S473.

48. Pettee KK, McClain JJ, Storti KL, Lee CD, Ainsworth BE. Comparison Of Accelerometer And Physical Activity Questionnaire Data In Middle-aged Women. Medicine & Science in Sports & Exercise. 2009, 41 (Suppl); S310.

47. Jung JH, Cho JH, Lee CD, Kang IW, Shin MR, Choi HG, Lee JH, Choi BI, Kim HJ, Kim SM, Jung SS, Yang MJ, Hwang DB. Effects Of Complex Training And N-3 Polyunsaturated Fatty Acid Supplementation On Health-related Physical Fitness Components, Serum Lipoprotein Profiles And Inflammatory Markers In College Female Students. Medicine & Science in Sports & Exercise. 2009, 41 (Suppl); S560.

46. Choi HG‡, Cho JH, Lee CD, Shin MR, Lee JH, Choi BI, Kim HJ, Kim SM, Jung JH. Effect Of Power Walking Program On The Immune Response In Human Body. Medicine & Science in Sports & Exercise. 2009, 41 (Suppl); S269.

45. Pettee KK, McClain JJ, Lee CD, Swan PD, Ainsworth BE. The convergent validity of physical activity questionnaires commonly used in middle-aged women. Annals of Behavioral Medicine, 2009;37: S81.

44. Lee CD, Sui M, Blair SN. Cardiorespiratory fitness and coronary heart disease events in young adults: The ACLS Study. Circulation, 2009;118: E273-E274.

43. Lee CD. Risk factors for peripheral artery disease in U.S. adults. Circulation, 2008;117:92.

42. Lee CD, Grimstvedt M, Choi HG, Shin MR, Cho JH. Association between childhood obesity and inflammatory markers in U.S. children: NHANES 1999-2004. Medicine & Science in Sports & Exercise. 2008, 40 (Suppl); S225.

41. Choi HG‡, Lee CD, Grimstvedt M, Shin MR, Cho JH. Abdominal obesity, cardiorespiratory fitness, and inflammatory markers in U.S. adolescents: NHANES 1999-2004. Medicine & Science in Sports & Exercise. 2008, 40 (Suppl); S225.

40. Park SH†, Jung HL, Hong SW, Kang YS, GL Lee, Kim YS, Kang HY, Lee CD. Effects of red ginseng intake on interleukin-6 (IL-6) and cortisol responses after high-intensity exercise. Medicine & Science in Sports & Exercise. 2008, 40 (Suppl); S432.

39. Kim BS†, Jung HL, Hong SW, Kang YS, Lee CD, Kim YS, Kang HY, Lee CD. Effects of body mass index on physical activity, total cholesterol, and 1600 M running of high-school male students in Korea. Medicine & Science in Sports & Exercise. 2008, 40 (Suppl); S464.

38. Jung HS†, Park SH, Kang YS, Beak SY, Park JC, Kang HY, Lee CD, Effects of human growth hormone (hGH) administration and endurance exercise on body composition of Sprague-Dawley rats. Medicine & Science in Sports & Exercise. 2008, 40 (Suppl); S106.

37. Hooker SP, Sui M, Lee IM, Church TS, Colabianchi N, Lee CD, Blair SN. A prospective study of cardiorespiratory fitness and risk of diabetes in women. Medicine & Science in Sports & Exercise. 2008, 40 (Suppl); S36.

36. Lee CD, Grimsveldt M*. Association between fibrinogen and peripheral artery disease in U.S. adults: Southwest Chapter American College of Sports Medicine. November 9-10, 2007; p27.

35. Grimsveldt M*, Lee CD, Association between family income and peripheral artery disease in U.S. adults: The 1999-2004 National Health and Examination Survey. Southwest Chapter American College of Sports Medicine. November 9-10, 2007; p25.

34. Lee CD, Ainsworth B, Tudor-Locke C. Association between lifestyle risk factors and peripheral artery disease in U.S. adults: NHANES 1999-2002. Medicine & Science in Sports & Exercise. 2007, 37 (Suppl); S46.

33. Choi HG[†], Shin M, Lee CD. Association between C-Reactive protein and peripheral artery disease in U.S. adults: The 1999-2002 National Health and Nutrition Examination Survey. *Medicine & Science in Sports & Exercise*. 2007; 39 (Suppl); S461.
32. Cho JH[†], Lee CD, Kang IK, Jeong JH, Lee JH, Shin MY, Choi HG. Effects of diet and aerobic exercise on inflammatory markers and blood lipids in pre-diabetic young female adults. *Medicine & Science in Sports & Exercise*. 2007; 39 (Suppl); S387.
31. Jung SR[†], Park MJ, Kwak HE, Jung HL, Lee GL, Lee CD. The effects of growth hormone administration and endurance exercise training on insulin resistance in Sprague-Dawley Rat. *Medicine & Science in Sports & Exercise*. 2007; 39 (Suppl); S488.
30. Kwak HE[†], Kim SS, Kim YC, Jung SR, Kang HY, Lee CD. Effects of red ginseng intake on muscle injury due to eccentric exercise. *Medicine & Science in Sports & Exercise*. 2007; 39 (Suppl); S360.
29. Jung HL[†], Lee CD, Oh DJ, Park SH, Lee GL, Kang HY. Effects of aerobic training on blood pressure of postmenopausal women with angiotensin-converting enzyme(i/d) gene polymorphism. *Medicine & Science in Sports & Exercise*. 2007; 39 (Suppl); S348.
28. Lee CD, Association between Hemostatic/Inflammatory markers and peripheral artery disease in the U.S. adults: The 1999-2002 National Health and Examination Survey. *Circulation*, 2007;115: E271-E271.
27. Lee CD. Association between education and peripheral artery disease in U.S. adults: The 1999-2002 National Health and Examination Survey (2007 CVD Epidemiology meeting). *Circulation*, 2007;115: E280.
26. Lee CD, Choi HG. Association between physical activity and incident osteopenia in female college students. Southwest Chapter American College of Sports Medicine. November 10-11, 2006;p29
25. Choi HG[†], Lee CD, Cho JH, Shin MR, Lee JH, Choy BI, Kim HJ, Kim SM, Jung JH. Associations of physical activity and health-related physical fitness test components with bone mineral density in female college students. Central States Chapter of the American College of Sports Medicine. October 19-20, 2006;p23.
24. Lee CD, Choi, H, Jae SY. Relationship between cardiorespiratory fitness and carotid artery atherosclerosis in middle-aged and elderly men. ACSM conference on Integrative Physiology of Exercise: Discovery and application of cardiovascular, pulmonary and metabolic science. September 27-30, 2006;p32.
23. Choi H[†], Lee CD. Association of white blood cell count with cardiorespiratory fitness, body composition, and blood lipids in female college students. ACSM conference on Integrative Physiology of Exercise: Discovery and application of cardiovascular, pulmonary and metabolic science. September 27-30, 2006; p32.
22. Lee CD, Jacobs DR, Schreiner P, Iribarren C, Schmitz K, Sidney S. Abdominal obesity and coronary artery calcification: The Coronary Artery Risk Development in Young Adults Study. *Circulation*. 2006;114: E354-E354.
21. Lee CD, Jacobs DR, Iribarren C, Sidney S. Cardiorespiratory fitness and coronary artery calcium in young adults: The CARDIA Study. *Medicine & Science in Sports & Exercise*. 2006;36 (Suppl);S430.
20. Choi H[†], Lee CD, Fee R, Stinson C, Kang H. The association between physical activity and peripheral artery disease in U.S. adults. *Medicine & Science in Sports & Exercise*. 2006;36 (Suppl); S431.
19. Byun WW[†], Jung HR, Fee R, Stinson C, Choi H, Kang HY, Lee CD. Bone Mineral density in combat sports: Female high school athletes. *Medicine & Science in Sports & Exercise*. 2006;36 (Suppl);S108.
18. Kim BS[†], Kang HY, Kyuk HY, Jung SL, Lee CD, Craig BW. The effects of aerobic exercise on regulating hormones of appetite. *Medicine & Science in Sports & Exercise*. 2006;36 (Suppl);S458.
17. Lee CD, Folsom AR, Blair SN. Physical activity and stroke risk: a meta-analysis. *Medicine & Science in Sports & Exercise*. 2003;34 (Suppl);S70.
16. Lee CD, Blair SN. Cardiorespiratory fitness and pancreatic cancer mortality in men: The Aerobics Center longitudinal Study. *Medicine & Science in Sports & Exercise*. 2002;33 (Suppl):S251.
15. Kim SH[†], Byrnel HK, Lee CD, Jung SR, Jung HR, Lee JS, Kang H. Effects of acute low- and high-Intensity exercise on plasma leptin levels in college male students. *Medicine & Science in Sports & Exercise*. 2002;33 (Suppl):S72.
14. Kim SH[†], Kang H, Chae HW, Jung SL, Lee JS, Kim BC, Lee CD, Byrne HK. Effects of 12-weeks of rope

skipping exercise training on body composition and plasma leptin of obese adolescent boys. *Medicine & Science in Sports & Exercise.* 2001;33 (Suppl):S228.

13. Lee CD, Blair SN. Cardiorespiratory fitness and smoking-related and total cancer mortality in men. *Medicine & Science in Sports & Exercise.* 2001;33 (Suppl):S184.
12. Lee CD, Folsom AR, Nieto FJ, Chambliss LE, Shahar E, Wolfe DA. White blood cell count and incidence of coronary heart disease and ischemic stroke, and mortality from cardiovascular disease in African-American and White men and women: The Atherosclerosis Risk in Communities Study. *Cardiovascular Disease Epidemiology and Prevention. Circulation.* 2001;103 (9): 1357-1358.
11. Lee CD, Blair SN, Wei M. Cardiorespiratory fitness and stroke risk in men: The aerobics center longitudinal study. *Medicine & Science in Sports & Exercise.* 2000;32 (Suppl):S938.
10. Gibbons LW, Lee CD, Wei M, Blair SN. Relations among cardiorespiratory fitness, physical activity, and all-cause mortality in men. *Medicine & Science in Sports & Exercise.* 1999;31 (Suppl):S138.
9. Lee CD, Roseman JM, Sidney S, Lewis CE, Jacobs DR, Williams OD. Cardiorespiratory fitness and all-cause mortality in young males: The CARDIA study. *Medicine & Science in Sports & Exercise.* 1999;31(Suppl):S138.
8. Lee CD, Blair SN. Cardiorespiratory fitness and smoking in relation to cancer and cardiovascular disease mortality. *Medicine & Science in Sports & Exercise.* 1998;30 (Suppl):S135.
7. Blair SN, Lee CD, Barlow CE, Kampert JB. Low cardiorespiratory fitness, smoking, and overweight as predictors of cardiovascular disease mortality. *Medicine & Science in Sports & Exercise.* 1998;30 (Suppl):S134.
6. Wei M, Gibbons LW, Mitchell TL, Kampert JB, Lee CD, SN Blair. Low baseline cardiorespiratory fitness and decrease in fitness level associated with impaired fasting glucose and type 2 diabetes. *Medicine & Science in Sports & Exercise.* 1998; 30 (Suppl):S24.
4. Lee CD, Blair SN, Kampert JB. Associations among physical fitness, body weight, and all-cause mortality in men. *Medicine & Science in Sports & Exercise.* 1997;29 (Suppl):S115.
4. Gibbons LW, Lee CD, Kampert JB, Blair SN. Cardiorespiratory fitness, BMI, and cause-specific mortality in The Aerobics Center Longitudinal Study. *Medicine & Science in Sports & Exercise.* 1997;29 (Suppl):S115.
3. Blair SN, Lee CD, Kampert JB. Physical activity, cardiorespiratory fitness, BMI, and all-cause mortality. *Medicine & Science in Sports & Exercise.* 1997;29 (Suppl):S115.
2. Lee CD, Blair SN, Barlow CE. Change in physical activity and cardiovascular disease mortality in men. *Medicine & Science in Sports & Exercise.* 1996;28 (Suppl):S110.
1. Lee CD, Blair SN. Effects of lifestyle change on cardiovascular disease mortality in middle-aged and older men. *Physical Activity, Sport, and Health: The 1996 International Pre-Olympic Scientific Congress 10-14 July 1996, Dallas, Texas USA.* pp. 109.

*Students;†Students (supervised data analyses);‡Post-Doc

Media Citations

- Morning workouts may be better for weight loss. NBC NEWS. September 19, 2023. (<https://www.nbcnews.com/health/health-news/morning-workouts-may-better-weight-loss-study-finds-rcna105619>)
- Reuters Health. Larger waists linked to clogged arteries in teens. July 26, 2007
- American Stroke Association. Saying "yes" to regular physical activity says "no" to stroke. Dallas, October 8, 2003.
- CNN Headline News. Survey: Boost in exercise reduces stroke risk. Washington (A.P. news). October 27, 2003.
- Reuters Health. Moderate physical activity reduces stroke risk. October 14, 2003.

- Washington Post, A.P. news (Dreyfuss, Associated Press), CBS ratio (Boston), May 12, 2002 (Washington); Amarillo globe-news, 2002. Running may cut stroke risk.
- Washington Post, A.P. news (Dreyfuss, Associated Press), May 19, 2002 (Washington). Exercise may cut cancer risk.
- Medcast Medical News (Kuhn Brooke). Fitness is mightier than leanness in reducing all-cause and CVD mortality in men. March 24, 1999 (Atlanta)

Teaching Activities

2006- Arizona State University

- BMI 515 Applied Biostatistics & Medical Informatics (online)
- BMI 517 Advanced Biostatistics & Biomedical Research (online)
- HCD 300 Biostatistics
- EXW 444 Epidemiology
- EXW 501 Research Statistics
- EXW 640 Analysis of Variance & Experimental Design
- EXW 500 Research Methods
- EXW 643 Multiple Regression & Multivariate Statistics