

Wenjun Li, Ph.D.

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Education

Ph.D. Biostatistics, Department of Biostatistics and Epidemiology, University of Massachusetts, Amherst, MA Thesis: Use of random permutation model in rate estimation and standardization Advisor: Edward Stanek, Ph.D.	2003
M.S. Biology, Chinese Academy of Sciences, Beijing, China	1990
B.S. Biology, Fudan University, Shanghai, China	1986

Academic Appointments

Professor of Public Health (tenured), University of Massachusetts Lowell	9/2020-
Professor of Medicine (tenured), University of Massachusetts Medical School (UMMS), Worcester, MA	2017-2020
Associate Professor of Medicine, Orthopedics and Quantitative Health Sciences, UMMS, Worcester, MA	2009-2017
Assistant Professor, Department of Medicine, UMMS, Worcester, MA	2003-2009

Honors and Awards

The Chitranjan Ranawat Award (best surgical paper), The Knee Society	2008
The Rural and Environment Award (best research paper) The American Public Health Association Aging & Public Health Section	2015

Academic/Professional Service in the Most Recent 5 Years

University

Voting member, Intellectual Property Committee, UMMS	2017-2020
Search Committee, Recruitment of Head of Research Computing	2016

Professional Memberships

American Statistical Association, Life Member	1999-present
International Biometric Society ENAR, Member	1999-present
International Chinese Statistical Association, Lifetime member	2009-present
American Public Health Association, Member	2005-present
The Gerontological Society of America, Member	2015-present

Editorial Boards

Associate Editor, AIMS Public Health	2016-present
Emerging Microbes and Infections, Editorial Board/Statistician	2018-present

Journal Referee (selected in recent 3 years)

AIMS Public Health	2016 - present
American Journal of Public Health	2006 - present
Emerging Microbes and Infections	2018 - present
Arthritis Care and Research	2008 - present
Medicine & Science in Sports & Exercise	2019
Journal of Survey Statistics and Methodology	2019
American Journal of Preventive Medicine	2018
European Journal of Clinical Nutrition	2018
Journal of Pediatrics	2018

External Professional Service (recent 5 years)**NIH Study Sections**

Community Influences on Health Behaviors (CIHB), standing member	2016-2020
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Services to state government

Workgroup on Social Risk Factors and Readmissions, Massachusetts Center for Health Information and Analytics (CHIA), Boston, MA	2018 –
Statistician/Geographer, Massachusetts Statewide Working Group for Controlling Epidemic of Opioid Use (Chapter 55), Massachusetts Department of Public Health (MDPH), Boston, MA	2016–2017
Health Survey Program Advisory Committee, MDPH, Boston, MA	2009–2016

Service to national professional societies

American Public Health Association Applied Public Health Statistics Chair of Membership Committee / Section Councilor	2018-2020
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Educational Activities (recent 5 years)**Rotations for GSBS/CPHR Students**

Community Influences on Health Behaviors and Health Outcomes	2009-present
Health Geography: Theory and Practice	2009-present
Clinical Prediction Models	2016-present

Teaching Activities in Programs and Courses

<u>Invited lecture</u> : Does Functional Gain and Pain Relief after TKR and THR Differ by Patient Obese Status? 10 medical students, fellows and staff	2016, 2017, 2018
<u>Invited lecture</u> : GSN707-Biomedical Informatics: Health Geography. Invited	2015, 2016,

by UMMS School of Nursing. 20+ graduate students

2017, 2018

Advising and Mentoring

Junior faculty

UyenSa Nguyen, Assistant Professor of Orthopedics
 Current: Associate Professor of Epidemiology,
 University of North Texas School of Public Health 2016-present

Wen-Chieh Lin, Assistant Professor of Family Medicine
 Promoted to Associate Professor of Family Medicine.
 Current: Director of Research, Kansas Health Foundation. 2015-2017

Medical students

Elizabeth Chan 2018-2020
 Lael Ngangmeni 2020-
 Brian Ayers (Rochester, MD), co-mentoring with Patricia Franklin 2016-2017

PhD students

Meera Sreedhara (CPHR, PhD) 2017-2020
 Co-mentored with Stephenie Lemon; Member of TRAC/Thesis Res.
 Apurv Soni (CPHR, MD/PhD) 2016-2019
 Co-mentored with Jeroan Allison; Chair of TRAC/Thesis Research

MPH students

Jinghua Liu (MPH thesis adviser, Co-mentored with Hardy Kornfeld) 2017
 Current: Lab Analyst II, New England Newborn Screening Program

Public Health Internship Program

2016-2019
 3 undergraduate, 1 graduate, 2 high school 2019
 3 undergraduate, 2 graduate, 6 high school 2018
 3 undergraduate, 2 graduate, 1 high school 2017
 2 undergraduate, 1 graduate, 1 doctoral, 3 high school students 2016

Investigation**Ongoing grants/contracts as PI**

1R01DA045816-01 (MPI: Yu/Becker/Li) 2018-2023
 NIDA
 Identifying Opioid Overdose Predictors using EHRs
 This project uses natural language processing approach to conducting opioid overdose surveillance based on EMRs, and identify high risk patients for targeted interventions.
 Role: MPI (15% effort). Total direct cost: \$2,500,000

1UM1 AI124377-01 (Barouch/Picker, MPIs; HMS/OHSU) 2016-2020

NIH/NIAID (BIDMC)

Consortium for Innovative AIDS Research in Non-Human Primates (CIAR)

The overall goal of this national consortium project is to identify vaccine and immunologic interventions that will attenuate the early events of mucosal SIV/SHIV infection.

Role: PI of Biostatistics Sub-core (15%) Annual direct cost: \$59,701

1 U19 AI128751-01A1 (Barouch, HMS)

2017-2022

NIH/NIAID (BIDMC)

Integrated Preclinical/Clinical AIDS Vaccine Development Program (IPCAVD) Biostatistics Core

This Biostatistics Core provide biostatistical design and analysis support to the IPCAV consortium which aims to develop an improved next generation HIV-1 vaccine candidate.

Role: PI of Biostatistics Sub-core/Lead Biostatistician (15% effort)

Total cost (UMMS): \$100,000 (annual) Overall project budget of 5 years: \$21,718,580.

1 R01 HL136630-01A1 (Dong)

2018-2021

NIH/NHLBI

Early Life Stress, Damage Associated Molecular Patterns, and Cardiovascular Risk

This project uses unique Georgia Stress and Heart Study data and bio-samples to investigate an innovative pathways from early life stress to hypertension and cardiovascular risks, mediated by damage associated molecular patterns.

Role: Subcontract PI (20% effort years 1-3). Total direct cost: \$1,487,892

S67100000045065-SRA (Li)

2019-2024

Corrona Research Foundation

This secondary analysis project examines outcomes of various medication treatments for autoimmune diseases.

Role: PI (2.5% effort) Annual cost: \$76,461. Total project cost: 325306+76461 = \$462,032

State Contract INTF5104HH4300522093 (Li)

2015-2020

Massachusetts Department of Public Health

Use of APCD data for planning and policy development to prevent infectious diseases

This project extracts information from the All-Payers Claims Database (APCD) to inform public health planning and policy development across infectious disease.

Role: Lead expert (10% effort) Total annual cost: \$199,000

MMARS Document ID: ISA CT HCF7000 2019UMSSTATISTICAL00

2018-2020

MA Center for Health Information and Analytics

Statistical and methodological support

The project provides advanced statistical and methodological consultation and support to CHIA's ongoing analytic projects and to its strategic initiatives such as accounting for social risk factors in CHIA's public reporting of readmissions and revisits.

Role: PI (5%) Annual cost: \$50,000

State Service Contracts (Li)

2010-2020

Massachusetts Department of Public Health

Statistical evaluation of the Community Tobacco Control Programs

This project provides statistical evaluation of the outcomes and progress of various programs and sample surveys managed by Massachusetts Tobacco Control Program.

Role: PI (inkind) Total annual cost: ~\$10,000 (variable)

Ongoing grants as Co-I

O1SE-15-61443-1 (Kornfeld) 2016-2024
CRDF Global

India Common Protocol

This project is supplementary to EDots project, analyzing TB treatment outcomes among patients with both TB and diagnosed diabetes.

Role: Biostatistician Direct: \$7,951 (annual)

1U01AI134585-01A1 (Kornfeld) 5/2019-4/2024
NIH/NIAID

Trial of Metformin for TB/HIV Host-directed Therapy

The goal of this project is to conduct a randomized placebo controlled trial of metformin as host-directed therapy for active pulmonary TB in individuals co-infected with HIV.

Role: Biostatistician (10%) Annual total cost: \$564,071 (year 2)

1 R01 HL137794-01A1 (McManus/Yu) 2018-2023
NIH/NHLBI

Detecting bleeding events using EHRs for prediction in Afib

This project uses natural language processing to extract structured clinical information from electronic medical records, uses the derived data to predict atrial fibrillation-related medical events and outcomes, and provides real time feedbacks to improve patient care.

Role: Co-I/Biostatistician (15%)

0UML/NIH 1 R01 LM012817-01A1 (Yu / sub PI: Mazor) 2018-2021
NIH/UMass Lowell

Resource Curation and Evaluation for EHR Note Compression

This project examines effect of automated translation of medical notes on patient comprehension of their own medical notes.

Role: Biostatistician (4%).

Completed grants/contracts (past 5 years)

2R56AG028738-05A1 Li (PI) 2017-2019
NIH/NIA

Neighborhood Risk Factors for Falls in the Elderly

The project is to refine and field test full protocols for a large population-based cohort study of older adults, with respect to space and time use, and location and activity-specific fall risks.

Role: PI (30% effort)

Total cost: \$872,439 (\$531,598 direct; \$340,841)

5 R01 AT008393-02 (Pbert/Carmody) 2014-2020
NIH/NCCAM

Asthma Symptom Management Through Mindfulness Training

The goal of this study is to evaluate the effect of participation in a Mindfulness Based Stress Reduction compared to an active control on asthma symptom control.

Role: Biostatistician/Co-I (10% years 1-4 and 15% year 5)

Total cost: \$3,748,089

CORRONA Award S68200000035475 Li (PI) 2016-2020
Consortium of Rheumatology Researchers of North America, Inc.

Biostatistical Research Grant

This project provides biostatistical support to multiple national and international disease registries. The registries are designed for post-approval/marketing safety surveillance.

Role: PI (10% effort)

Total cost: \$2,100,000

1 U48 DP005031-02 (Rosal/Li)

2014-2019

CDC

UMass Worcester Prevention Research Center Core project: Removing the Social, Environmental and Family Barriers to Childhood Obesity Prevention

This project tests the impact of a combination of family-focused community health worker-delivered navigation intervention and a built environment intervention in an under-resourced neighborhood on child and parent obesity.

Role: MPI (5% Years 1-4; 20% Year 5)

Direct cost: \$317,599 (annual)

State Contract INTF4260HH2500224003 (Li/Punnet, Co-PIs)

2015-2018

Massachusetts Department of Public Health

Evaluation of PWTF Worksite Wellness Programs

This project provides evaluation of the outcomes and progress of Massachusetts Prevention and Wellness Trust Fund worksite wellness programs.

Role: Co-PI (10% effort)

Total cost: \$600,000

R34 AI124826-01 (Kornfeld)

2016-2018

NIH/NIAID

Planning for the Metformin for TB/HIV Host-directed Therapy (METHOD) Trial

To plan, design, and prepare necessary documentation to implement the MET-TB trial.

Role: Co-I/RCT Statistician (20%)

Direct cost: \$150,000

2 R56 HL035434-31 (Goldberg)

2015-2016

NIH/NHLBI

Worcester Heart Attack Study

This project examined multi-decade long trends in the incidence rates, hospital and long-term case-fatality rates, and hospital management practices in central MA.

Role: Biostatistician (10%)

Total direct: \$500,000

5U19AI095985 (Barouch/Johnson, M-PIs; Harvard Medical School)

2011-2016

NIH/NIAID

Consortium for AIDS Vaccine Research in Nonhuman Primates

The overall goal of this national consortium project is to identify vaccine and immunologic interventions that will attenuate the early events of mucosal SIV/SHIV infection.

Role: PI of Biostatistics Sub-core (20%)

Subcontract total cost: \$727,649

COM/ISAHCF - 41000060-UMS16A (Li)

2015-2016

MA Center for Health Information and Analytics

The Geographic Concentration of Morbidity in Public Housing Developments in the Commonwealth of Massachusetts

This project analyzes geographic distribution of underserved populations living public subsidized housing developments, and recommends relevant intervention approaches.

Role: PI

Total cost: \$50,000

Scholarship

Peer-reviewed publications (recent 5 years)

1. Alter G, Yu W, Chandrashekar A, Borducchi E, Ghneim K, Sharma A, Nedellec R, McKenney K, Linde C, Suscovich T, Abbink P, Mercado N, Nkolola J, McMahan K, Bondzie E, Hamza V, Peter L, Kordana N, Mahrokhian S, Michael S, Seaman M, **Li W**, Lewis M, Lauffenburger D, Hangartner L, Sekaly R, Barouch D. Passive Transfer of Vaccine-Elicited Antibodies Protects Against SIV in Rhesus Macaques. *Cell*, CELL-D-20-00491R2. Accepted July 29, 2020.
2. Chan E, Procter-Gray E, Churchill L, Cheng Jie, Siden R, Aguirre A, **Li W**. Associations among living alone, social support and social activity in older adults. *AIMS Public Health*, 7(3): 521–534. DOI: 10.3934/publichealth.2020042.
3. Haring B, Liu J, Rapp S, Shimbo D, Padula C, Mozhui K, **Li W**, Espeland M, Wassertheil-Smoller. Heart Rate, Brain Imaging Biomarkers and Cognitive Impairment in Older (≥ 63 years) Women. *Am J Cardiol*. 2020 May 26;S0002-9149(20)30540-3. doi: 10.1016/j.amjcard.2020.05.030.
4. Cavanaugh A, Rauh M, Thompson C, Alczraz J, Mihalko W, Bird C, Corbie-Smith G, Rosal M, **Li W**, Shadyab A, Gilmer T, LaCroix A. Racial/ethnic disparities in physical function before and after total knee arthroplasty among women in the United States. *JAMA Netw Open*. 2020;3(5):e204937. doi:10.1001/jamanetworkopen.2020.4937
5. Tran E, Stefanick M, Henderson V, Rapp S, Chen J, Armstrong N, Espeland M, Gower E, Shadyab A, **Li W**, Stone K, Pershing S. Association of Visual Impairment With Risk of Incident Dementia in a Women's Health Initiative Population. *JAMA Ophthalmol*. Published online April 16, 2020. doi:10.1001/jamaophthalmol.2020.0959
6. Kornfeld H, Sahukar S, Procter-Gray, E, Kumar N, West K, Kane K, Natarajan M, **Li W**, Babu S, Viswanathan V. Impact of Diabetes and Low Body Mass Index on Tuberculosis Treatment Outcomes. *Clin Infect Dis*. 2020 Jan 19. pii: ciaa054. doi: 10.1093/cid/ciaa054. [Epub ahead of print] PMID: 31955202
7. Ochs-Balcom H, Hovey K, Andrews C, Cauley J, Hale L, **Li W**, Bea J, Sarto G, Stefanick M, Stone K, Watts N, Zaslavsky O, Wactawski-Wende J. Short Sleep Is Associated With Low Bone Mineral Density and Osteoporosis in the Women's Health Initiative. *J Bone Miner Res*. 35(2): 261–268. Feb. 2020, (doi: 10.1002/jbmr.3879). PMID: 31692127.
8. Shadyab A, Manson J, **Li W**, Gass M, Brunner S, Naughton M, Cannell B, Howard B, LaCroix A. Associations of Parental Ages at Childbirth with Healthy Aging among Women. *Maturitas*, 129 (2019): 6-11. (<https://doi.org/10.1016/j.maturitas.2019.08.002>)
9. Lange J, DiSegna S, Yang W, **Li W**, Franklin P. Using cluster analysis to identify patient factors linked to differential functional gains after total knee arthroplasty. *J Arthroplasty*. 2019 Aug 23. pii: S0883-5403(19)30785-5. doi: 10.1016/j.arth.2019.08.039. [Epub ahead of print].

10. Cavanaugh A, Rauh M, Thompson C, Alcaraz J, Mihalko W, Bird C, Eaton C, Rosal M, **Li W**, Shadyab A, Gilmer T, LaCroix A. Racial and Ethnic Disparities in Utilization of Total Knee Arthroplasty among Older Women. *Osteoarthritis and Cartilage*, August 2019. DOI: 10.1016/j.joca.2019.07.015
11. Liu Q, Matthan N, Manson J, Howard B, Tinker L, Neuhouser M, Van Horn L, Rossouw J, Allison M, Martin L, **Li W**, Snetselaar L, Wang L, Lichtenstein A, Eaton C. Plasma phospholipid fatty acids and coronary heart disease risk: a matched case-control study within the Women's Health Initiative Observational Study. *Nutrients*. 2019 Jul 21;11(7). pii: E1672. doi: 10.3390/nu11071672.
12. Armstrong N, Espeland M, Chen J, Masaki K, Wactawski-Wende J, **Li W**, Gass M, Stefanick M, Manson J, Deal J, Rapp S, Lin F, Resnick S. Associations of Hearing Loss and Menopausal Hormone Therapy with Change in Global Cognition and Incident Cognitive Impairment among Postmenopausal Women. *J Gerontol A Biol Sci Med Sci*. 2019 Jul 20. pii: glz173. doi: 10.1093/gerona/glz173. [Epub ahead of print]
13. Progovac A, Pettinger M, Donohue J, Chang H, Matthews K, Habermann E, Kuller L, Rosal M, **Li W**, Garcia L, Tindle H. Optimism may moderate screening mammography frequency in Medicare: A longitudinal study. *Medicine (Baltimore)*. 2019 Jun;98(24):e15869. doi: 10.1097/MD.00000000000015869.
14. Ryan M, Erck L, McGovern L, McCabe K, Myers K, Nobrega S, **Li W**, Lin W, Punnett L. "Working on Wellness:" protocol for a worksite health promotion capacity-building program for employers. *BMC Public Health*, 2019; 19:111. <https://doi.org/10.1186/s12889-019-6405-1>.
15. Haring B, Crandall C, Carbone L, Liu S, **Li W**, Johnson K, Wactawski-Wende J, Shadyab A, Gass M, Kamensky V, Cauley J, Wassertheil-Smoller S. Lipoprotein(a) plasma levels, bone mineral density and risk of hip fracture: a post hoc analysis of the Women's Health Initiative, USA. *BMJ Open*, 2019; 9(4):3027257. doi:10.1136/bmjopen-2018-027257.
16. Margolis K, Buchner D, LaMonte M, Zhang Y, Di C, Rillamas-Sun E, Hunt J, Ikramuddin F, **Li W**, Marshall S, Rosenberg D, Stefanick M, Wallace R, LaCroix A. Hypertension treatment and control and risk of falls in older women. *J Amer Geriatrics Soc*, DOI: 10.1111/jgs.15732. First published online January 2019
17. Borg A, Haughton C, Sawyer M; Lemon S, Kane K, Pbert L, **Li W**, Rosal M. Design and methods of the Healthy Kids & Families study: A parent-focused community health worker-delivered childhood obesity prevention intervention. *BMC Obes*. 2019; 6:19. doi: 10.1186/s40608-019-0240-x. eCollection 2019. PMC6545743
18. Cauley J, Hovey K, Stone K, Andrews C, Barbour K, Hale L, Jackson R, Johnson K, LeBlanc E, **Li W**, Zaslavsky O, Ochs-Balcom H, Wactawski-Wende J, Crandall C. Characteristics of Self-reported Sleep and the Risk of Falls and Fractures: The Women's Health Initiative (WHI). *Journal of Bone and Mineral Research*, 2019, 34(3): 464-47. <https://doi.org/10.1002/jbmr.3619>
19. Shadyab A, Manson J, **Li W**, Gass M, Brunner R, Naughton M, Cannell B, Howard B, LaCroix A. Parental longevity predicts healthy ageing among women, *Age and Aging*, 2018, 47(6):1-8. DOI: 10.1016/j.jchf.2018.06.020
20. Rosko A, Hade E, **Li W**, Ing S, Jackson R, Paskett E, Naughton M. Bone Health and Survival in Women With Multiple Myeloma. *Clin Lymphoma Myeloma Leuk*. 2018 Sep;18(9):597-602.e1. doi: 10.1016/j.clml.2018.06.002. Epub 2018 Jun 8.

21. Crandall C, Larson J, Lacroix A, Cauley J, Leboff M, **Li W**, Leblanc E, Edwards B, Manson J, Ensrud K. Predicting Fracture Risk in Younger Postmenopausal Women: Comparison of the Garvan and FRAX Risk Calculators in the Women's Health Initiative Study. *J Gen Internal Med*, 2018(10). DOI:10.1007/s11606-018-4696-z
22. LaMonte M, Manson J, Chomistek A, Larson J, Lewis C, Bea J, Johnson K, **Li W**, Klein L, LaCroix A, Stefanick M, Wactawski-Wende J, Eaton C. Physical activity and incidence of heart failure in postmenopausal women. *J Am Coll Cardiol Heart Failure* 2018, 6(12). DOI: 10.1016/j.jchf.2018.06.020
23. Barouch D, Tomaka F, Wegmann F, Stieh D, Alter G, Robb M, Michael N, Peter L, Nkolola J, Borducchi E, Chandrashekar A, Jetton D, Stephenson K, **Li W**, Korber B, Tomaras G, Montefiori D, Gray G, Frahm N, McElrath M, Baden L, Johnson J, Hutter J, Swann E, Karita E, Kibuuka H, Mpendo J, Garrett N, Mngadi K, Chinyenze K, Priddy F, Lazarus E, Laher F, Nitayapan S, Pittisuttithum P, Bart S, Campbell T, Feldman R, Lucksinger G, Borremans C, Callewaert K, Roten R, Sadoff J, Scheppler L, Weijtens M, Feddes-de Boer K, Manen D, Vreugdenhil J, Zahn R, Lavreys L, Nijs S, Tolboom J, Hendriks J, Euler Z, Pau M, Hanneke Schuitemaker H. Evaluation of a mosaic HIV-1 vaccine in a multicentre, randomised, double-blind, placebo-controlled, phase 1/2a clinical trial (APPROACH) and in rhesus monkeys (NHP 13-19). *Lancet*, 392(10143), 21-27 July 2018, pages 232-243. [http://dx.doi.org/10.1016/S0140-6736\(18\)31364-3](http://dx.doi.org/10.1016/S0140-6736(18)31364-3). See Online/Comment [http://dx.doi.org/10.1016/S0140-6736\(18\)31548-4](http://dx.doi.org/10.1016/S0140-6736(18)31548-4).
24. Krok-Schoen J, Brasky T, Hunt R, Rohan T, Baker T, **Li W**, Carbone L, Mackey R, Snetselaar L, Lustberg M, Neuhouser M. Dietary long-chain omega-3 fatty acid intake and arthritis risk in the Women's Health Initiative. *J Acad Nutr Diet*. 2018 Jun 16. pii: S2212-2672(18)30492-1. doi: 10.1016/j.jand.2018.04.005.
25. Shadyab A, Charles E, **Li W**, LaCroix A. Association of physical activity with late-life mobility limitation among women with total joint replacement for knee or hip osteoarthritis. *J Rheumatol First Release* June 1 2018; doi:10.3899/jrheum.171136.
26. Zheng H, Rosal M, **Li W**, Borg A, Yang W, Ayers D, Franklin P. A Web-Based Treatment Decision Support Tool for Patients With Advanced Knee Arthritis: Evaluation of User Interface and Content Design. *JMIR Hum Factors*. 2018 Apr 30;5(2):e17. doi: 10.2196/humanfactors.8568.
27. Rillamas-Sun E, Lamonte M, Evenson K, Thomson C, Beresford S, Coday M, Manini T, Stefanick M, **Li W**, LaCroix A. The influence of physical activity and sedentary behavior on living to age 85 years without disease and disability in older women. *The Journals of Gerontology: Series A*, glx222, <https://doi.org/10.1093/gerona/glx222>. IF=5.96
28. Nahar V, Rosenthal M, Lemon S, Kane K, Cheng J, Oleski J, **Li W**, Hillhouse J, Pagoto S. Youth access to indoor tanning salons in urban versus rural/suburban communities. *Photodermatol Photoimmunol Photomed*. 2018;34(2):112-116. doi: 10.1111/phpp.12364. IF=2.66
29. Tseng V, Chlebowski R, Yu F, Cauley J, **Li W**, Thomas F, Virnig B, Coleman A. Cataract surgery and mortality in older women: findings from the Women's Health Initiative. *JAMA Ophthalmol*. 2018;136(1):3-10. doi:10.1001/jamaophthalmol.2017.4512. IF=5.62
30. Shadyab A, **Li W**, Charles E, LaCroix A. General and abdominal obesity as risk factors for late-life mobility limitation after total knee or hip replacement for osteoarthritis among older women. *Arthritis Care & Res.*, DOI: 10.1002/acr.23438. IF=3.32
31. Raed A, Bhagatwala J, Pamela Cromer P, Mazzoli A, Zhu H, Acharya N, Basu R, Patel

- K, Patterson G, Ramayya T, Alias S, Kotak I, Dong Y, Huang Y, Parikh S, **Li W**, Houk C, Layman D, Dong Y. Obesity and related cardiometabolic risk in young us hispanic farmworkers: a neglected public health problem. *Jacobs Journal of Community Medicine*, 2017, 3(1): 030.
32. Harris R, Chang Y, Beavers K, Laddu-Patel D, Bea J, Johnson K, LeBoff M, Womack C, Wallace R, **Li W**, Crandall C, Cauley J. The risk of fracture among women with sarcopenia, low bone mass or both. *J Amer Geriatrics Soc*, DOI: 10.1111/jgs.15050. IF=4.39
 33. **Li W**, Allison J, Lewis C, Bowen T, Ayers D, Franklin P. Functional gain and pain relief after total joint replacement according to obese status? *J Bone Joint Surg Am*. 2017 Jul 19;99(14):1183-1189. doi: 10.2106/JBJS.16.00960. (PMC5508191) IF=5.16
 34. Procter-Gray E, Olendzki B, Kane K., Churchill L, Hayes R, Aguirre A, Kang H, **Li W**. Comparison of dietary quality assessment using food frequency questionnaire and 24-hour-recalls in older men and women. *AIMS Public Health*, 4 (4): 326-346. DOI: 10.3934/publichealth.2017.4.326. IF=NA.
 35. **Li W**, Procter-Gray E, Churchill L, Crouter S, Kane K, Franklin P, Ockene J, Gurwitz J. Gender and age differences in levels, types and locations of physical activity among older adults living in car-dependent neighborhoods. *The Journal of Frailty and Aging (JFA)*. <http://dx.doi.org/10.14283/jfa.2017.15>. IF=NA
 36. Keele B, **Li W**, Borducchi E, Nkolola J, Abbink P, Chen B, Barouch D. Adenovirus prime, Env protein boost vaccine protects against neutralization-resistant SIVsmE660 variants in rhesus monkeys. *Nature Communications* 8:15740. doi:10.1038/ncomms15740. IF=11.33
 37. **Li W**, Procter-Gray E, Youssef G, Cheng J, Brown K, Churchill L, Kane K, Clarke A, Ockene J, MaGee M. Racial Differences in Neighborhood Perceptions and Their Influences on Physical Activity among Urban Older Women. *AIMS Public Health*, 4(2):149-170. DOI: 10.3934/publichealth.2017.2.149.
 38. Sattari M, Cauley J, Garvan C, Johnson K, LaMonte M, **Li W**, Limacher M, Manini T, Sarto G, Sullivan S, Wactawski-Wende J, Beyth R. Osteoporosis in the Women's Health Initiative: Another Treatment Gap? *American Journal of Medicine*, published online 31 March 2017 DOI: <http://dx.doi.org/10.1016/j.amjmed.2017.02.042> IF=5.61
 39. LaMonte M, Genco R, Hovey K, Wallace R, Freudenheim J, Michaud D, Mai X, Tinker L, Salazar C, Andrews C, **Li W**, Eaton C, Martin L, Wactawski-Wende J. History of periodontal disease diagnosis and edentulism as predictors of cardiovascular disease, stroke, and mortality in postmenopausal women. *J Amer Heart Asso*, 2017; 6:3004518, originally published March 29, 2017. doi: 10.1161/JAHA.116.004518. IF=5.12
 40. Orchard T, Yildiz V, Steck S, Hebert J, Ma Y, Cauley J, **Li W**, Mossavar-Rahmani Y, Johnson K, Sattari M, LeBoff M, Wactawski-Wende J, Jackson R. Dietary Inflammatory Index, Bone Mineral Density, and Risk of Fracture in Postmenopausal Women: Results From the Women's Health Initiative. *Journal of Bone and Mineral Research*. *J Bone Miner Res*. 2016 Dec 26. doi: 10.1002/jbmr.3070.
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End.