

Jee Won Park, PhD, MPH

Assistant Professor
Program in Epidemiology, College of Health Sciences
University of Delaware
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Education

Department of Epidemiology, School of Public Health, Brown University, Providence, RI

Postdoctoral Research Associate

Mentor: Chanelle J. Howe, PhD

2019-2022

Department of Epidemiology, Jonathan and Karin Fielding School of Public Health, University of California, Los Angeles, CA

Doctor of Philosophy, Epidemiology

2014-2019

Thesis: The effect of erectile dysfunction drugs use on the immune system in the Multicenter AIDS Cohort Study (MACS)

Advisor: Roger Detels, MD MS

Department of Epidemiology, Graduate School of Public Health, Seoul National University, Seoul, Republic of Korea

Master of Public Health, Epidemiology

2010-2012

Thesis: A multilevel analysis of physical activity and the local environment in Seoul, Korea

Advisor: Sung-il Cho, MD PhD

Woolcock Institute of Medical Research, University of Sydney, Sydney, NSW, Australia

Graduate Diploma in Science

2009-2010

Thesis: Effect of physical activity and weight gain on asthma

Advisor: Guy Marks, MBBS PhD

University of Sydney, Sydney, NSW, Australia

Bachelor of Medical Science

2005-2007

Publications

A complete publication list is available:

Google Scholar:

https://scholar.google.com/citations?hl=en&user=MP4UoFYAAAAJ&view_op=list_works&gmla=AHoSzlV6wfpYGM7V05FbK3Q_ppPIDCAGozVMcOQV4-fSYXufkUP7PsuLI21wvhjvtdH9bQsrQpH-Ebv49xa4LiwJ

PubMed Bibliography:

<https://www.ncbi.nlm.nih.gov/myncbi/jee%20won.park.2/bibliography/public/>

Peer-reviewed Journal Articles (IF=Impact Factor)

1. Park, J.W., Dulin, A.J., Scarpaci, M.M., Dionne, L.A., Loucks, E.B., Needham, B.L., Sims, M., Fava, J.L., Eaton, C.B., & Howe, C.J. Examining the relationship between multilevel resilience resources and cardiovascular disease incidence overall and by psychosocial risks among participants in JHS, MESA, and MASALA [published online ahead of print, 2023 Jul 12]. *Am J Epidemiol*. 2023;kwad159. doi:10.1093/aje/kwad159. (IF: 5.363)
2. Park, J.W., Wilson-Barthes, M.G., Dulin, A.J., Hogan, J.W., Mugavero, M.J., Napravnik, S., Carey, M.P., Fava, J.L., Dale, S.K., Earnshaw, V.A., Johnson, B., Sougherty-Sheff, S., Agil, D., & Howe, C.J. Multilevel resilience and HIV virologic suppression among African American/Black adults in the southeastern United States [published online ahead of print, 2023 Apr 12]. *J Racial Ethn Health Disparities*. 2023;1-13. doi:10.1007/s40615-023-01520-w. (IF: 3.524)
3. Park, J.W., Howe, C.J., Dionne, L.A., Scarpaci, M.M., Needham, B.L., Sims, M., Kanaya, A.M., Kandula, N.R., Fava, J.L., Loucks, E.B., Eaton, C.B., & Dulin, A.J. (2022). Social support, psychosocial risks, and cardiovascular health: Using harmonized data from the Jackson Heart Study, Mediators of Atherosclerosis in South Asians Living in America Study, and Multi-Ethnic Study of Atherosclerosis. *SSM - population health*, 20, 101284. <https://doi.org/10.1016/j.ssmph.2022.101284> (IF: 4.086)
4. Dulin, A.J., Park, J.W., Scarpaci, M.M., Dionne, L.A., Sims, M., Needham, B.L., Fava, J.L., Eaton, C.B., Kanaya, A.M., Kandula, N.R., Loucks, E.B., & Howe, C.J. Examining relationships between perceived neighborhood social cohesion and ideal cardiovascular health and whether psychosocial stressors modify observed relationships among JHS, MESA, and MASALA participants. *BMC Public Health*. 2022; 22(1): 1890. <https://doi.org/10.1186/s12889-022-14270-x> (IF: 4.545)
5. Park, J.W., Arah, O.A., Martinez, O.M., Dobs, A.S., Ho, K.S., Palella, F.J., Seaberg, E.C., & Detels, R. Effect of Erectile Dysfunction Drugs Use on T-cells and Immune Markers in Men who have Sex with Men. *International Journal of Sexual Health*. 2022. <https://doi.org/10.1080/19317611.2022.2084200> (IF: 2.194)
6. Park, J.W., Dulin, A.J., Needham, B.L., Sims, M., Loucks, E.B., Fava, J.L., Dionne, L.A., Scarpaci, M.M., Eaton, C.B., & Howe, C.J. Examining optimism, psychosocial risks, and cardiovascular health using Life's Simple 7 metrics in the Multi-Ethnic Study of Atherosclerosis and the Jackson Heart Study. *Frontiers in Cardiovascular Medicine*. 2021; 8: 1876. <https://doi.org/10.3389/fcvm.2021.788194> (IF: 5.846)
7. Park, J.W., Dobs, A. S., Ho, K. S., Palella, F. J., Seaberg, E. C., Weiss, R. E., & Detels, R. Characteristics and Longitudinal Patterns of Erectile Dysfunction Drug Use Among Men Who Have Sex with Men in the U.S. *Arch Sex Behav*. 2021; 50(7): 2887-2896. <https://doi.org/10.1007/s10508-021-02065-x> (IF: 4.891)
8. Park, J.W., Mealy, R., Saldanha, I.J., Loucks, E.B., Needham, B.L., Sims, M., Fava, J.L., Dulin, A.J.,

& Howe, C.J. Multilevel resilience resources and cardiovascular disease in the United States: A systematic review and meta-analysis. *Health psychology: official journal of the Division of Health Psychology, American Psychological Association*, 10.1037/hea0001069. 2021. Advance online publication. <https://doi.org/10.1037/hea0001069> (IF: 5.556)

9. Baik, Y.S., Park, J.W., Kim, J., Kim, W.G., Oh, S., Cho, S., Song, Y.W. & Shin, K. Nutrient Intake in Postmenopausal Rheumatoid Arthritis Women with Osteoporosis: Results from the Korean National Health and Nutrition Examination Survey. *J Rheum Dis.* 2017;24(1):35-42.
10. Scarpaci, M. M., Park, J. W., Dionne, L. A., Needham, B. L., Sims, M., Kanaya, A. M., Kandula, N. R., Fava, J. L., Eaton, C. B., Howe, C. J., & Dulin, A. J. A data harmonization project of three large prospective cardiovascular health-focused cohorts. *Am J Epidemiol.* 2023. (Under Revision)
11. Scales, S.E., Park, J.W., Nixon, R., Guha-Sapir, D., & Horney, J.A. Disease Burden in Refugees in Mainland Grecian Refugee Camps, 2016-2017: A retrospective cross-sectional study. *BMC Public Health.* 2023. (Under Revision)

Presentations

Talks (Invited)

1. Park, J.W. Accessing Data and Samples from NIH-Funded HIV Cohorts MACS/WIHS and VACS: The Effect of Erectile Dysfunction Drug Use on the Immune System in the Multicenter AIDS Cohort Study. UCLA-CDU CFAR Clinical Discovery Seminar. University of California, Los Angeles (UCLA)-Charles Drew University (CDU) Center for AIDS Research, February 27, 2023.
2. Park, J.W. The Effect of Erectile Dysfunction Drug Use on the Immune System in the Multicenter AIDS Cohort Study. MWCCS Executive Committee Meeting, Chicago, IL, USA, October 22-24, 2019.

Talks (Conferences)

1. Park, J.W. (presenting author), Mealy, R., Saldanha, I.J., Loucks, E.B., Needham, B.L., Sims, M., Fava, J.L., Dulin, A.J., Howe, C.J. Systematic review and meta-analysis of the relationship between resilience resources and cardiovascular disease in the United States. Oral presentation at the Society for Epidemiologic Research Annual Meeting, San Diego, CA, USA, June 22-25, 2021.
2. Lee, H., Park, J.W. (presenting author), and Cho, S. Association between Primary Lifetime Occupation and Cognitive Function in Elderly Korean. Oral presentation at The 20th IAGG World Congress of Gerontology and Geriatrics, Seoul, Republic of Korea, June 2013.

Posters (Conferences)

1. Wilson-Barthes, M.G., Park, J.W. (presenting author), Hogan, J.W., Mugavero, M.J., Napravnik, S., Carey, M.P., Fava, J.L., Dale, S.K., Earnshaw, V.A., Johnson, B., Sougherty-Sheff, S., Agil, D., Howe, C.J. & Dulin, A.J. Multilevel resilience and visit adherence among African American/Black adults living with HIV in the southeastern United States. Poster presentation at the Society for Epidemiologic Research Annual Meeting, Portland, OR, USA, June 12-16, 2023.

2. Park, J.W. (presenting author), Dobs A., Ho, K., Palella, F.J., Seaberg, E.C., Arah, O.A., Martinez, O.M., and Detels, R. Effect of Erectile Dysfunction Drugs on T-cells and Immune Markers in Men. Poster presentation at the Conference on Retroviruses and Opportunistic Infections, Boston, MA, USA. 3/2020.
3. Park, J.W. (presenting author) and Shin, K. Prevalence of Psoriatic Arthritis Based on an Algorithm Beyond ICD-10 Codes Using National Health Insurance Claims Data in Korea. Poster presentation at the Annual European Congress of Rheumatology EULAR 2014, Paris, France. 6/2014.
4. Park, J.W. (presenting author) and Cho, S. Association between hypertension management education program attendance and use of non-drug therapy, and education level in Korean population. Poster presentation at the Annual Meeting of American Public Health Association, San Francisco, CA. 10/2012.
5. Park, J.W. (presenting author) and Cho, S. Physical Environment and Individual Factors Associated with Engagement of Recommended Levels of Physical Activity. Poster presentation at The Korean Society for Preventive Medicine, Cheongju, Republic of Korea. 10/2011.

Ad Hoc Reviewer

- PLOS-ONE
- International Journal of STD & AIDS
- Scientific Reports
- BMC Geriatrics
- BMC Nursing

Research Grants

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1. R01 HL135200 (A. Dulin-Keita, C. Howe; MPIs) July 2019 to July 2022
NIH/NHLBI

Impact of Multilevel Risk and Resilience Factors on Cardiovascular Health in Racially/Ethnically Diverse Men and Women

Using longitudinal data in three United States cardiovascular (CV) health cohorts (i.e., JHS, MESA, and MASALA), this innovative project will: (a) determine whether multilevel resilience resources are associated with CV outcomes (i.e., ideal CV health and incident CV disease); (b) quantify the impacts of hypothetical multilevel resilience resource building interventions on racial/ethnic disparities and sex differences in CV outcomes; and (c) examine the degree to which the aforementioned relationships/impacts are moderated by multilevel psychosocial risks.

Role: Postdoctoral Research Associate

2. R01 MH112386 (C. Howe, A. Dulin-Keita; MPIs) September 2021 to July 2022
NIH/NIMH

The Role of Resilience in Addressing Racial Disparities in Adverse HIV-Related Outcomes

The objective of this project is to develop a reliable and valid measure of multiple components of resilience (i.e., individual, interpersonal, and neighborhood) that reflects the

experiences of HIV+ African Americans/Blacks (AAs); to document the measure's psychometric properties; and to assess whether multiple components of resilience as assessed by the developed measure facilitate positive HIV outcomes among HIV+ AAs.

Role: Postdoctoral Research Associate

Honors

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- New Investigator Scholarship, Conference on Retroviruses and Opportunistic Infections (CROI), 2020
 - Dean's Outstanding Award (Epidemiology), Fielding School of Public Health, 2018
 - Delta Omega (Iota Chapter) Honorary Society in Public Health, 2018
 - 2017-2018 Fellowship in Epidemiology, Department of Epidemiology, Fielding School of Public Health, 2017
 - Raymond D. Goodman Scholarship, Fielding School of Public Health, 2015
 - Superior Academic Performance, Seoul National University, 2011 to 2012

Teaching

Instructor, Program in Epidemiology, College of Health Sciences, University of Delaware

- Epidemiology Methods II (EPID 610), Spring 2023
- Epidemiology of Aging (EPID 628), Fall 2023

Teaching Assistant/Fellow, Department of Epidemiology, Fielding School of Public Health, University of California, Los Angeles

- Principles of Infectious Disease Epidemiology (EPI 220); Teaching Fellow, Winter 2019 – 38 Graduate Students
- Contemporary Issues in Public Health (PH 150); Teaching Fellow, Fall 2018 – 328 Undergraduate Students
- Epidemiology Methods I Basic Concepts and Study Designs (EPI 200A); Fall 2015, Fall 2016, Fall 2017 – Typically 50-60 Graduate Students
- Epidemiology Methods II Prediction and Validity (EPI 200B); Winter 2016, Winter 2017, Winter 2018 – Typically 50-60 Graduate Students
- Epidemiology Methods III Analysis Methods (EPI 200C); Spring 2016, Spring 2017, Spring 2018 – Typically 50-60 Graduate Students
- Logic, Causation, and Probability (EPI 204/STATS 243); Fall 2017 – 27 Doctoral Students

Service

University of Delaware

- Doctoral Dissertation Committee

- Sarah Scales (Epidemiology) – Member
- Zackery White (Epidemiology) – Member
- Mary Webb (Behavioral Health and Nutrition) – Member
- Sherry Hou (McGill University, Montreal, Quebec, Canada) – External Member

- Mentoring
 - Shazia Shaukat (Doctoral student; Epidemiology)
 - Amirah Ellis-Gilliam (Doctoral student; Bioinformatics)

- College of Health Sciences (CHS)
 - CHS Strategic Planning: Research Working Group – Member (Fall 2023)
 - CHS Research Day – Poster judge (Spring 2023)

- Program in Epidemiology Search Committee
 - Continuing Track Search Committee – Member (Fall 2022-Spring 2023)
 - Tenure Track Search Committee – Member (Spring 2023)

Society for Epidemiologic Research (SER)

- Poster session – Judge (June 2023)

Brown University

- Member (Postdoc), Diversity and Inclusion Action Plan (DIAP) Committee, Department of Epidemiology, Brown University School of Public Health, Spring 2022
- Panelist, Epidemiology Career Panel, Department of Epidemiology, Brown University School of Public Health, January 2022

University of California, Los Angeles

- International Student Ambassador (Australia), Dashew Center for International Students and Scholars, University of California, Los Angeles, Winter 2018, Spring 2018

Research Position Appointments

Seoul Metropolitan Government-Seoul National University (SMG-SNU) Boramae Medical Center, Seoul, Republic of Korea

Clinical Research Assistant (Part-time) 2013-2014
Supervisor: Kichul Shin, MD

Institute of Health and Environment, Graduate School of Public Health, Seoul National University, Seoul, Republic of Korea

Research Assistant 2012-2014
Supervisor: Sung-il Cho, MD PhD

Affiliations

-
- Society for Epidemiologic Research, 2017, 2019 to present
 - American Public Health Association, 2014-2015