




CV Template of KATRD International Conference 2021

Name	Sun-Young Kim			
First Name	Sun-Young	Last Name	Kim	
Country	Korea			
Organization	National Cancer Center, Graduate School of Cancer Science and Policy			
Current Position	Associate Professor			

Educational Background

- Ph.D. Public Health Science (Biostatistics major), Seoul National University, Seoul, Korea, 2005.
M.P.H. Public Health Science (Biostatistics major), Seoul National University, Seoul, Korea, 2002.
B.A. Health Education, Ewha Womans University, Seoul, Korea, 1998.

Professional Experiences

- Associate Professor, Department of Cancer Control and Population Health (DCCP), National Cancer Center Graduate School of Cancer Science and Policy (NCC-GCSP), Goyang, Korea, 2020-present.
Chair, DCCP, NCC-GCSP, Korea, 2021-present.
Affiliate Assistant Professor, Department of Environmental and Occupational Health Sciences (DEOHS), University of Washington (UW), Seattle, USA, 2014-present.
Affiliate Assistant Professor, Department of Civil and Environmental Engineering, UW, USA, 2016-present.
Assistant Professor, DCCP, NCC-GCSP, Korea, 2017-2020.
Research Assistant Professor, Institute of Health and Environment & Graduate School of Public Health, Seoul National University, Seoul, Korea, 2014-2017.
Research Scientist, DEOHS, UW, USA, 2012-2014.
Senior Research Fellow, DEOHS, UW, USA, 2005-2012.

Professional Organizations

Editorial board:

International Journal of Environmental Research and Public Health
Yonsei Medical Journal

Professional Membership:

International Society of Environmental Epidemiology
Korean Society of Environmental Health and Toxicology
Korean Society of Atmospheric Environment



Main Scientific Publications

Peer reviewed journal articles for the previous 2 years:

1. **Kim SY**, Pope CA, Fann N, Marshall JD, Sheppard L. Reanalysis of the association of modeled estimates of long-term PM_{2.5} concentrations with life-expectancy. *Environmental Health* 2021 (in press).
2. Tran BT, Choi KS, Pham NH, Nguyen, TX, Sohn DK, **Kim SY**, Suh JK, Phan VS, Pham HT, Nguyen MH, Nguyen TB, Hoang HK, Nguyen TTB, Nguyen MT, Oh JK. Estimating cost-effectiveness of screening for colorectal cancer in Vietnam. *Expert Review of Pharmacoeconomics & Outcomes Research* 2021 (in press).
3. Kirwa K, Szpiro AA, Sheppard L, Sampson PD, Wang M, Keller JP, Young MT, **Kim SY**, Larson TV, Kaufman JD. Fine-scale air pollution models for epidemiologic research: insights from approaches developed in the Multi-ethnic Study of Atherosclerosis and Air Pollution (MESA Air). *Current Environmental Health Reports* 2021 (in press).
4. Yang S, Kim OJ, Shin M, Kim WJ, **Kim SY**. Association between long-term exposure to air pollution and incidence of lung cancer in the Korean National Sample Cohort. *Environmental Research* 2021;198:111214.
5. Min KD, Kim J, Park YH, Shin HU, Kim C, Seo SW, **Kim SY**. New assessment for residential greenness and the association with cortical thickness in healthy adults. *Science of the Total Environment* 2021;778:146129.
6. Lee MJ, Han WH, Chun JY, **Kim SY**, Kim JH. Presepsin in the rapid response system for cancer patients: A retrospective analysis. *Journal of Clinical Medicine* 2021;10(10):2153.
7. Yoon HY, **Kim SY**, Kim OJ, Song JW. Nitrogen dioxide increases the risk of mortality in idiopathic pulmonary fibrosis. *European Respiratory Journal* 2021;57:2001877.
8. Pak S, **Kim SY**, Kim SH, Joung SY, Park WS, Chung J, Lee KH, Seo HK. Association between antibiotic treatment and the efficacy of intravesical BCG therapy in patients with high-risk non-muscle invasive bladder cancer. *Frontiers in Oncology* 2021;11:570077.
9. Hyun JW, Kwon YN, Lee HL, Jeong WK, Lee HJ, Kim BJ, Kim SW, Shin HY, Shin JH, Oh SY, Lee MY, Kim SH, Huh SY, Kim W, Park MS, **Kim SY**, Kim SM, Kim HJ. Recurrence of clinical events at the same anatomical location in patients with MOG antibody-associated disease. *Multiple Sclerosis Journal* 2021;27(3):449-452.
10. Kim H, Choe SA, Kim OJ, **Kim SY**, Kim SG, Im C, Kim YS, Yoon TK. Outdoor air pollution and diminished ovarian reserve among infertile Korean women. *Environmental Health and Preventive Medicine* 2021;26:20.
11. Choi IY, **Kim SY**, Song HR, Chang JG, Kim HS, Kim WH, Lee SY, Hong MH. Lethality associated factors in deliberate self-poisoning. *Journal of the Korean Academy of Child and Adolescent Psychiatry* 2021;32(1):17-27.
12. Tran BT, Choi KS, Pham NH, Nguyen, TX, Sohn DK, **Kim SY**, Suh JK, Phan VS, Pham HT, Nguyen MH, Nguyen TB, Hoang HK, Nguyen TTB, Nguyen MT, Oh JK. The direct and indirect costs of colorectal cancer in Vietnam: An economic analysis from a social perspective. *International Journal of Environmental Research & Public Health* 2021;18(1):12.
13. **Kim SY**, Kim E, Kim WJ. Health effects of ozone on respiratory diseases. *Tuberculosis & Respiratory Diseases* 2020;83:S6-S11.
14. Tran BT, Pham NH, Nguyen, TX, Choi KS, Sohn DK, **Kim SY**, Suh JK, Nguyen TTD, Phan VS, Tran DT, Nguyen TT, Nguyen TTB, Nguyen MT, Oh JK. Measurement of health-related quality of life among colorectal cancer patients using the Vietnamese value set of the EQ-5D-5L. *Patient Preference and Adherence* 2020;14:2427-2437.
15. Song I, Kim OJ, Choe SA, **Kim SY**. Spatial heterogeneity in the association between particulate matter air pollution and low birth weight in South Korea. *Environmental Research* 2020 191;11009.



16. Cho J, Noh Y, **Kim SY**, Sohn J, Noh J, Jang H, Kim W, Cho SK, Seo H, Seo G, Lee SK, Seo S, Koh SB, Oh SS, Kim HJ, Seo SW, Shin DS, Kim N, Kim C. Long-Term Ambient Air Pollution Exposures and Brain Imaging Markers in Korean Adults: The Environmental Pollution-Induced Neurological Effects (EPINEF) Study. *Environmental Health Perspectives* 2020;128(11):117006.
17. Kim OJ, Lee SH, Kang SH, **Kim SY**. Incident cardiovascular disease and particulate matter air pollution in South Korea using a population-based and nationwide cohort of 0.2 million adults. *Environmental Health* 2020;19:133.
18. Choe SA, Kim SK, Im C, **Kim SY**, Kim YS, Yoon TK. Nighttime environmental noise and semen quality: A single fertility center cohort study. *PLoS ONE* 2020 <https://doi.org/10.1371/journal.pone.0240689>.
19. Wang Y, Bechle M, **Kim SY**, Adams PJ, Pandis SN, C Arden P, Robinson AL, Sheppard L, Szpiro AA, Marshall JD. Spatial decomposition analysis of NO₂ and PM_{2.5} air pollution in the United States. *Atmospheric Environment* 2020;241:117470.
20. Cho J, Sohn J, Noh J, Jang H, Kim W, Cho SK, Seo H, Seo G, Lee SK, Noh Y, Seo S, Koh SB, Oh SS, Kim HJ, Seo SW, Shin DS, Kim N, Kim HH, Lee JI, **Kim SY**, Kim C. Association between exposure to polycyclic aromatic hydrocarbons and brain cortical thinning: The Environmental Pollution-Induced Neurological Effects (EPINEF) study. *Science of the Total Environment* 2020;737:140097.
21. Kwon SO, Han YJ, Hong SH, Bak SH, Kim J, Lee MK, **Kim SY**, Kim WJ. Long-term exposure to PM₁₀ and NO₂ in relation to lung function and imaging phenotypes in a COPD cohort. *Respiratory Research* 2020;21:247.
22. Jo YS, Cha JH, Kim YK, **Kim SY**, Lee HS. Simultaneous double balloon dilation using double channel therapeutic endoscope in patients with cricopharyngeal muscle dysfunction: An observation study. *Medicine* 2020;99(35):e21793.
23. Coleman NC, Mann D, Hibgee JD, Lefler JS, Merrill RM, Burnett RT, Ezzati M, Marshall JD, **Kim SY**, Bechle M, Robinson AL, Pope AC. Cancer mortality risk, fine particulate air pollution, and smoking in a large, representative cohort of U.S. Adults. *Cancer Causes & Control* 2020. <https://doi.org/10.1007/s10552-020-01317-w>.
24. Byun S, **Kim SY**. Has air pollution concentration increased over the past 17 years in Seoul, South Korea? : The gap between public perception and measurement data. *Journal of Korean Society for Atmospheric Environment* 2020;36(2):240-248 (Korean).
25. Park Y, Song I, Yi J, Lee SJ, **Kim SY**. Web-based visualization of scientific research data: national-scale distribution of air pollution in South Korea. *International Journal of Environmental Research & Public Health* 2020;17:2230.
26. Kim JH, **Kim SY**. Comparative analysis of administrative databases for PM pollution in South Korea and United States. *Journal of Environmental Policy and Administration* 2020;28(1):71-100 (Korean).
27. Hibgee JD, Lefler JS, Burnett RT, Ezzati M, Marshall JD, **Kim SY**, Bechle M, Robinson AL, Pope AC. Estimating long-term pollution exposure effects through inverse probability weighting methods with Cox proportional hazards models. *Environmental Epidemiology* 2020;4(2):e085.
28. **Kim SY**, Bechle M, Hankey S, Sheppard L, Szpiro AA, Marshall JD. Concentrations of criteria pollutants in the contiguous U.S., 1979 – 2015: Role of prediction model parsimony in integrated empirical geographic regression. *PLoS ONE* 2020;15(2):e0228535.
29. Moon DH, Kwon SO, **Kim SY**, Kim WJ. Air pollution and incidence of lung cancer by histological type in Korean adults: A Korean National Health Insurance Service Health Examinee Cohort Study. *International Journal of Environmental Research & Public Health* 2020;17(3):915.
30. Min KD, Yi SJ, Kim HC, Leem JH, Hong S, Kim K, **Kim SY**. Association between pediatric allergic diseases and predicted air pollution level. *Environmental Health* 2020;19:6.