

CURRICULUM VITAE



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Position: Assistant Professor

Institution: Sookmyung Women's University

Location: 100, Cheongpa-ro 47-gil, Yongsan-gu, Seoul, Korea, 140-

742

Education:

Ph.D. Statistics, The University of Chicago, 2008

M.S. Statistics, Seoul National University, 2003

B.S. Statistics, Seoul National University, 2001

Representative Careers:

2016-present Assistant Professor, Department of Statistics, Sookmyung Women's University

2015-2016 Assistant Professor, Department of Mathematics and Statistics, University of Nevada, Reno

2012-2015 Postdoctoral Fellow, Biostatistics Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, National Institutes of Health

2008-2011 Postdoctoral Research Associate, the Lewis-Sigler Institute for Integrative Genomics, Princeton University

Specialty & Present Interest: Statistical Genetics

Representative papers (up to 5):

Song, M* , Hao, W. *, and Storey, J. D. (2015), "Testing for genetic associations in arbitrarily structured populations", * Joint first author, Nature Genetics, 47(5), 550-554

Song, M., Kraft, P., Joshi, A., Barrdahl, M., and Chatterjee, N. (2015), "Testing calibration of risk models at extremes of disease risk ", Biostatistics, 16(1), 143-154

Hao, W. *, Song, M*, and Storey, J. D. (2016), "Probabilistic models of genetic variation in structured populations applied to global human studies", * Joint first author, *Bioinformatics*, 32(5), 713-721

Song, M., Wheeler, W., Caporaso, N.E., Landi, M.T., and Chatterjee, N. (2018), "Using imputed genotype data in the joint score tests for genetic association and gene-environment interactions in case-control studies", *Genetic Epidemiology*, 42(2), 146-155

Song, M. (2018), "A unified genetic association test robust to population structure for count phenotype", *Statistics in Medicine*, 37(20), 2954-2967