

•Field Medical Informatics,

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Educational Background

■ Seoul National University, Ph.D.

■ Seoul National University, M.S.

■ Ewha Womans University, B.A.

Major Careers

■ 2021-present Assistant Professor, Hallym University

■ 2019-2021 Post-doctoral Research Associate,
Department of Epidemiology & Cancer Control, St.
Jude Children's Research Hospital, Memphis, TN, USA

■ 2018-2019 Research Assistant Professor, Seoul National University, College of Medicine, Cancer Research Institute

■ 2017-2018 Visiting Researcher, National Cancer Center

■ 2012-2014 Researcher, National Cancer Center

Research and Books

- Fastiggi MJ, Sim JA, Huang IC. Association of co-morbidities with financial hardship in survivors of adult cancer. Support Care Cancer. 2021 Dec;29(12):7355-7364
- Lu Z, Sim JA (co-first), Wang JX, Forrest CB, Krull KR, Srivastava D, Hudson MM, Robison LL, Baker JN, Huang IC. Natural Language Processing and Machine Learning Methods to Characterize Unstructured Patient-Reported Outcomes: Validation Study. J Med Internet Res. 2021 Nov 3;23(11):e26777.
- Park S, Kim-Knauss Y, Sim JA (corresponding). Leveraging Text Mining Approach to Identify What People Want to Know About Mental Disorders From Online Inquiry Platforms. Front Public Health. 2021 Oct 12;9:759802. doi: 10.3389/fpubh.2021.759802. eCollection 2021.

- Suh WY, Lee J, Yun JY, Sim JA, Yun YH. A network analysis of suicidal ideation, depressive symptoms, and subjective well-being in a community population. J Psychiatr Res. 2021 Oct;142:263-271.
- Yun YH, Oh SN, Sim JA, Lee S, Sohn EJ. Development and validation of the Health-Friendly Activity Index: an assessment tool to comprehensively measure health-friendly activities of corporations or organisations. BMJ Open. 2021 Jul 19;11(7):e048768.
- Song N, Hsu CW, Pan H, Zheng Y, Hou L, Sim JA, LiZ, Mulder H, Easton J, Walker E, Neale G, Wilson CL, Ness KK, Krull KR, Srivastava DK, Yasui Y, Zhang J, Hudson MM, Robison LL, Huang IC, Wang Z. Persistent variations of blood DNA methylation associated with treatment exposures and risk for cardiometabolic outcomes in long-term survivors of childhood cancer in the St. Jude Lifetime Cohort. Genome Med. 2021 Apr 6;13(1):53.
- -Sim JA, Kim YA, Kim JH, Lee JM, Kim MS, Shim YM, Zo JI, Yun YH, The major effects of health-related quality of life in 5-year survival prediction among lung cancer survivors: applications of machine learning Sci Rep, 2020 Jul 1;10(1):10693
- -Sim JA, Hyun G, Gibson TM, Yasui Y, Leisenring W, Hudson MM, Robison LL, Armstrong GT, Krull KR, Huang IC. Negligible effects of the survey modes for patient-reported outcomes: a report from the Childhood Cancer Survivor Study. JCO Clin Cancer Inform. Jan; 4:10-24. 2020.
- -Yun YH, Lim CI, Lee ES, Kim YT, Shin KH, Kim YW, Park KJ, Jeong SY, Ryu KW, Han W, Jung KH, Park SC, Kim MS, Kim S, Shim YM, Oh JH, LeeJM, Ryoo SB, Woo J, Noh DY, Park JW, In Moon B, Kim HJ, Nam SJ, Lee DH, Zo JI, Park SM, Kang E, Rhee Y, Jung JY, Sim JA, Lee J, Shin A., Efficacy of health coaching and a web-based program on physical activity, weight, and distress management among cancer survivors: A multicentered randomised controlled trial. Psychooncology. 2020 Jul;29(7):1105-1114.
- Yun YH, Sim JA, Kim YJ, Lee SJ, Kim KN, Consumers' consciousness of health-friendly products and services and its association with socio-demographic characteristics and health status: across-sectional survey of the South Korean population, BMJ Open. Jun21;10(6):e035591. 2020
- Yun YH, Kang E, Cho YM, Park SM, Kim YJ, Lee HY, Kim KH, Lee K, Koo HY, Kim S, Rhee Y, Lee J, Min JH, Sim JA. Efficacy of an electronic health management program for patients with cardiovascular risk: randomized controlled trial. J Med Internet Res. Jan 22;22(1):e15057. 2020.
- Kim-Knauss YJ, Jeong ES, Sim JA, Lee JH, Choo JY, Yun YH, Quantity over Quality? Perception of Designating Long-Term Care Hospitals as Providers of Hospice and Palliative Care. Korean J Hosp Palliat Care 2019 December;22(4):145-155
- Yun JY, Chung H, Sim JA, Yun YH. Prevalence and associated factors of depression among Korean

adolescents. PLoS One. Oct16;14(10):e0223176. 2019.

- Yun YH, Kang E, Park S, Koh SJ, Oh HS, Keam B, Do YR, Chang WJ, Jeong HS, Nam EM, Jung KH, Kim HR, Choo J, Lee J, Sim JA. Efficacy of a decision aid consisting of a video and booklet on advance care planning for advanced cancer patients: randomized controlled trial. J Pain Symptom Manage. Dec;58(6):940-948.e2. 2019.
- Yun YH, Rhee YE, Kang E, Sim JA. The satisfaction with life scale and the subjective well-being inventory in the general Korean population: psychometric properties and normative data. Int J Environ Res Public Health. Apr 30;16(9), 2019.
- Lee J, Sim JA (co-first), Kim JW, Yun YH. Establishment of normative self-rated health status data and association between ideal life expectancy and social wellness of general population in Korea. Asian Nurs Res. May;13(2):99-106, 2019.
- Kim MS, Lee J, Sim JA, Kwon JH, Kang EJ, Kim YJ,Lee J, Song EK, Kang JH, Nam EM, Kim SY, Yun HJ, Jung KH, Park JD, Yun Y. Discordance between physician and the general public perceptions of prognostic disclosure to children with serious illness: a Korean nationwide study. JKorean Med Sci. Jan 16;34(3):e30, 2019.
- Park HY, Kim YA, Sim JA, Lee J, Ryu H, Lee JL, Maeng CH, Kwon JH, Kim YJ, Nam EM, Shim HJ, Song EK, Jung KH, Kang EJ, Kang JH, Yun YH. Attitudes of the general public, cancer patients, family caregivers, and physicians toward advance care planning: A nationwide survey prior to the enforcement of the Life-Sustaining Treatment Decision-Making Act. J Pain Symptom Manage. Apr;57(4):774-782, 2019.
- Woo HT, Sim JA (co-first), Mo J, Yun YH, Shin A. Regional differences in colorectal cancer mortality between 2000 and 2013 in Republic of Korea. J Epidemiol. 2019 Oct 5;29(10):399-405.
- Yun YH, Kim KN, Sim JA, Yoo SH, Kim M, Kim YA, Kang BD, Shim HJ, Song EK, Kang JH, Kwon JH, Lee JL, Nam EM, Maeng CH, Kang EJ,Do YR, Choi YS, Jung KH. Comparison of attitudes towards five end-of-life care interventions (active pain control, withdrawal of futile life-sustaining treatment, passive euthanasia, active euthanasia and physician-assisted suicide): a multi-centered cross-sectional survey of Korean patients with cancer, their family caregivers, physicians and the general Korean population. BMJ Open. Sep 11;8(9):e020519, 2018.
- Yun YH, Kim Y, Sim JA, Choi SH, Lim C, Kang JH. Development and validity testing of the school health score card. J Sch Health. Aug;88(8):569-575, 2018.
- Yun YH, Kim KN, Sim JA, Kang E, Lee J, Choo J, Yoo SH, Kim M, Kim YA, Kang BD, Shim HJ, Song EK, Kang JH, Kwon JH, Lee JL, LeeSN, Maeng CH, Kang EJ, Do YR, Choi YS, Jung KH. Priorities of a "good death"

according to cancer patients, their family caregivers, physicians, and the general population: a nationwide survey. Support Care Cancer. Oct;26(10):3479-3488, 2018.

- Yun YH, Kang EK, Lee J, Choo J, Ryu H, Yun HM, Kang JH, Kim TY, Sim JA, Kim Y. Development and validation of the quality care questionnaire-palliative care (QCQ-PC): patient-reported assessment of quality of palliative care. BMC Palliat Care. Mar 5;17(1):40, 2018.
- Yun YH, Jung JY, Sim JA, Lee J, Noh DY, Han W,Park KJ, Jeong SY, Park JW, Wu HG, Chie EK, Kim HJ, Jung KH, Zo JI, Kim S, LeeJE, Nam SJ, Lee ES, Oh JH, Kim YW, Kim YT, Shim YM. Development and validation of the smart management strategy for health assessment tool-short form (SAT-SF) in cancer survivors. Qual Life Res. Feb;27(2):347-354, 2018.
- Kim YI, Kim YA, Kim CG, Ryu KW, Kim YW, Sim JA, Yun YH, Choi IJ. Serial intermediate-term quality of life comparison after endoscopic submucosal dissection versus surgery in early gastric cancer patients. Surg Endosc. Apr;32(4):2114-2122, 2018.
- Yun YH, Kim YA, Sim JA, Lee MK, Nam BH, Kim SH,Lee ES, Noh DY, Lim JY, Kim S, Kim SY, Cho CH, Jung KH, Chun MS, Lee SN, ParkKH, Park SH. A randomized controlled trial of physical activity, dietary habit, and distress management with the Leadership and Coaching for Health (LEACH) Program for disease-free cancer survivors. BMC Cancer. May 2;17(1):298, 2017.
- Sim JA, Chang YJ, Shin A, Noh DY, Han W, Yang HK, Kim YW, Kim YT, Jeong SY, Yoon JH, Kim YJ, Heo D, Kim TY, Oh DY, Wu HG, Kim HJ, Chie EK, Kang KW, Kim JH, Yun YH. Perceived needs for the information communication technology (ICT)-based personalized health management program, and its association with information provision, health-related quality of life (HRQOL), and decisional conflict in cancer patients. Psychooncology. Nov;26(11):1810-1817, 2017.
- Yun YH, Sim JA, Park EG, Park JD, Noh DY. Employee health behaviors, self-reported health status, and association with absenteeism: comparison with the general population. J Occup Environ Med. Sep;58(9):932-939, 2016.
- Yun YH, Kim YA, Sim JA, Shin AS, Chang YJ, Lee J, Kim MS, Shim YM, Zo JL. Prognostic value of quality of life score in disease-free survivors of surgically-treated lung cancer. BMC Cancer. Jul 20;16:505, 2016.
- Yun YH, Sim JA, Lim YJ, Lim CI, Kang SC, Kang JH, Park JD, Noh DY. Development and validity testing of the worksite health index: an assessment tool to help and improve Korean employees' health-related outcome. J Occup Environ Med. Jun;58(6):623-630, 2016.
- Kim MK, Sim JA (co-first), Yun YH, Bae DS, NamJH, Park CT, Cho CH, Lee JM, Park SY. Health-related quality of life and socio-demographic characteristics as prognostic indicators of long-term survival in disease-free

cervical cancer survivors. Int J Gynecol Cancer.May;26(4):743-749, 2016.

- Sim JA, Shin JS, Park SM, Chang YJ, Shin A, NohDY, Han W, Yang HK, Lee HJ, Kim YW, Kim YT, Jeong SY, Yoon JH, Kim YJ, Heo DS, Kim TY, Oh DY, Wu HG, Kim HJ, Chie EK, Kang KW, Yun YH. Association between information provision and decisional conflict in cancer patients. Ann Oncol. Sep;26(9):1974-1980, 2015.
- Yun YH, Jung JY, Sim JA, Choi H, Lee JM, Noh DY, Han W, Park KJ, Jeong SY, Park JW, Wu HG, Chie EK, Kim HJ, Lee JH, Zo ZI, KimS, Lee JE, Nam SJ, Lee ES, Oh JH, Kim YW, Kim YT, Shim YM. Patient-reported assessment of self-management strategies of health in cancer patients: development and validation of the Smart Management Strategy for Health Assessment Tool (SAT). Psychooncology. Dec;24(12):1723-1730, 2015.
- Yun YH, Sim JA, Jung JY, Noh DY, Lee ES, Kim YW, Oh JH, Ro JS, Park SY, Park SJ, Cho KH, Chang YJ, Bae YM, Kim SY, Jung KH, ZoZl, Lim JY, Lee SN. The association of self-leadership, health behaviors, and posttraumatic growth with health-related quality of life in patients with cancer. Psychooncology. 2014 Dec;23(12):1423-30.
- Lee SH, Shin DE, Sim JA, Yun YH, Public Perception and Acceptance of National Strategy for Well-dying, Korean J Hosp Palliat Care, 2013, 16(2): 90-97