

Yoonkyoung Cho

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EDUCATION

Ph.D., Epidemiologic Science, University of Michigan, Ann Arbor, MI, USA	2024 - present
M.S., Epidemiology and Risk Management, Korea University, Seoul, Korea	2021-2024
B.A., Healthy Policy and Management, Korea University, Seoul, Korea	2017-2021

PUBLICATIONS (*CO-FIRST AUTHOR)

1. Byun D, Hong SE, Ryu S, Nam Y, Jang H, **Cho Y**, Keum NN, and Oh H. (2022). "Early-life body fatness in relation to breast, endometrial, and ovarian cancers: a dose-response meta-analysis of prospective studies." *British Journal of Cancer*, 126(4), 664-472. [[link](#)]
2. **Cho Y**, Jang H, Kwon S, and Oh H. (2023). "Aerobic, muscle-strengthening, and flexibility physical activity in relation to all-cause and cause-specific mortality: a population-based cohort of Korean adults." *BMC Public Health*, 14;23(1):1148. [[link](#)]
3. **Cho Y***, Ryu S*, Kim R, Shin MJ, and Oh H. (2023). "Ultra-processed food intake and risks of type 2 diabetes in Korean adults." *The Journal of Nutrition*, 154(1), 243-251. [[link](#)]
4. Jang H*, **Cho Y***, Oh H. (2024). "Recreational screen time and obesity risk in Korean children: a 3-year prospective cohort study." *International Journal of Behavioral Nutrition and Physical Activity*, 21, 112. [[link](#)]
5. Kim Y, **Cho Y**, Kim JE, Lee DH, and Oh H. (2025). "Ultra-Processed Food Intake and Risk of Type 2 Diabetes Mellitus: A Dose-Response Meta-Analysis of Prospective Studies." *Diabetes & Metabolism Journal*, Epub ahead of print. [[link](#)]

MANUSCRIPTS UNDER REVIEW

1. Kim Y, **Cho Y**, Koo B, Chen Z, Sun Q. "Ultra-processed food intake and risk of type 2 diabetes: a pooled analysis of three prospective cohorts of Korean adults and an updated meta-analysis." Accepted to *European Journal of Epidemiology*
2. **Cho Y**, Oh H. "Obesity, metabolic syndrome, and mortality: a pooled analysis of three prospective cohorts." Submitted to *BMC Public Health*
3. Leis AM, Jepsen KJ, Bigelow E, Goulet RW, Clines GA, Richards-McCullough K, **Cho Y**, Richards TR, Karvonen-Gutierrez CA. "Trajectories of Areal Bone Mineral Density Significantly Differ by Patterning of Femoral Neck Area and Bone Mineral Content Across the Menopausal Transition." Submitted to *Journal of Bone and Mineral Research*

CONFERENCE PRESENTATIONS

"Bone Mineral Density Loss in Aging Women: the Role of Bone Area and Bone Mineral Content Trajectories"

- 2025 Aging Initiative Symposium 'Aging and Social Determinants of Health', Ann Arbor, MI, 2025 (Poster)

"Ultra-processed food intake and type 2 diabetes: a pooled analysis of 3 population-based prospective cohorts"

- Annual international conference of the Korean Nutrition Society, Seoul, Korea, 2023 (Oral)

"Television, Computer, Smartphone Use, and Obesity Risk: A 3-Year Follow-Up Study"

- Annual meeting of the American Society for Nutrition, Boston, MA, 2023 (Poster, [publication link](#))
- Selected as speaker for the 'Poster Theater Flash Session' for a 3-minute oral presentation

"Screen Time and Obesity in Adolescents: An Isotemporal Substitution Analysis"

- Annual meeting of the American Society for Nutrition, Boston, MA, 2023 (Poster, [publication link](#))

"Aerobic, Muscle-Strengthening, and Flexibility Physical Activity in Relation to All-Cause and Cancer Mortality: A Population-Based Prospective Cohort Study in Korea"

- Annual meeting of the American Society for Nutrition, virtual, 2022 (Oral, [publication link](#))

“Sarcopenic Obesity, Metabolic syndrome, and Mortality: the KoGES Mortality Follow-up Study”

- 5th Asia-Pacific Cardiometabolic Syndrome Congress of the Korean Society of Cardiometabolic Syndrome, Seoul, Korea, 2022 (Oral)

TEACHING EXPERIENCE

- EPID600: Introduction to Epidemiology** (Graduate) University of Michigan
Graduate Student Instructor (GSI) | Instructor: Carrie Anne. Karvonen-Gutierrez Fall 2025
- Graded assignments and exams for a course of 100+ graduate students
 - Held office hours twice a week to provide academic guidance
- PUBHLTH512: Principles of Epidemiology for Public Health** (Graduate) University of Michigan
Grader | Instructor: Elizabeth Levin-Sparenberg Fall 2024
- Graded weekly problem sets and written assignments, provided constructive feedback for a course, and contributed to the development of structured grading rubrics for a course of 50+ graduate students
- Urbanization and Industrialization in East Asia** (Undergraduate/English) Korea University
Teaching Assistant | Instructor: James William Potter Fall 2023
- Managed logistics, including online learning platforms, for a course of 200+ undergraduate students
 - Led weekly discussion sessions, and graded midterm presentation posters and final essays
- Foundations and Principles of Health Promotion** (Undergraduate/English) Korea University
Teaching Assistant | Instructor: Hannah Oh Fall 2021
- Managed class logistics and assisted in designing course materials and grading assignments for a course of 100+ undergraduate students
 - Guided student group projects to design health promotion interventions using theoretical frameworks
 - Led weekly TA sessions to review the key lecture topics and facilitate case study discussions
- Case Studies in Epidemiology** (Graduate/English) Korea University
Teaching Assistant | Instructor: Hannah Oh Spring 2021
- Managed class logistics and graded exams and assignments for a course of 15 graduate students
 - Led weekly discussion sessions covering advanced causal inference methods

WORK EXPERIENCE

- National Cancer Center Korea** Goyang, Korea
Cancer Epidemiology Branch Researcher | Principal Investigator: [Jeongseon Kim](#) 02/2023 – 06/2023
- [Research Project]** Cancer risk associated with physical activity and sedentary behavior and the role of cardiometabolic diseases (CMDs) and socio-economic position: CAPACITY
- Center for ICT & Society** Seoul, Korea
Researcher of Social Sciences Korea (SSK) Project 09/2022 – 08/2023
- Sanofi** Seoul, Korea
Omnichannel Marketing & Transparency Intern 12/2021 – 06/2022
- Performed data analysis using Python to generate weekly reports on marketing performance
- Catholic Medical Center (CMC) Big Data Center** Seoul, Korea
Machine Learning Intern 02/2021 – 03/2021
- Developed an Efficient OCR Parsing Model for medical data using Deep Neural Network Models (Detectron 2) for advanced instance segmentation

Chronic Disease Epidemiology Lab

Seoul, Korea

Undergraduate Research Intern

03/2019 – 12/2019

[Research Project 1] Fact Sheets of Chronic Diseases and Health Behaviors in Korean Adults
Korea Disease Control and Prevention Agency (KDCA)

- Performed multivariate statistical analysis using 1998-2018 KNHANES data
- Provided national-level, user-friendly information on health issues

[Research Project 2] Evaluation of the occupational safety of female workers in Gyeonggi-do
Gyeonggi-do Women and Family Foundation

- Estimated associations between musculoskeletal disorders and employment instability/sexual discrimination experiences, and proposed policy to alleviate the legal standards of industrial accidents

GRANTS & FELLOWSHIPS

KFAS Pilot Research Grant (\$10,000)

08/2025 – 12/2025

[Korea Foundation for Advanced Studies \(KFAS\)](#)

KFAS Overseas Ph.D. Fellowship

08/2024 – 07/2025

[Korea Foundation for Advanced Studies \(KFAS\)](#)

- Fellowship supporting tuition, health insurance, and stipend (\$20,000/year) in the 2024/2025 academic year

[ASAN](#) Public Health Policy Graduate Student Fellowship (\$4,000)

03/2023 – 08/2023

Brain Korea 21 Four Graduate Student Fellowship

03/2021 – 08/2023

Korea University, National Research Foundation of Korea

- Fellowship in support of a Master's program in Epidemiology and risk management (tuition and stipend of \$15,000/year)

Brain Korea 21 Four Merit-Based Global Fellowship (\$6,000)

01/2023

Korea University

SELECTED AWARDS & HONORS

Outstanding Dissertation Award (\$400)

02/2024

Brain Korea 21 Four Institute of Precision Public Health, Korea University

Excellence Presentation Award (\$150)

10/2023

Korean Nutrition Society

Excellent Abstract Award (\$250)

04/2022

Korean Society of Cardiometabolic Syndrome

1ST place at Digital Transformation & Business Competition (\$2,000)

12/2021

Korea University Business School

Ondream Global Academy (OGA) Scholarship

04/2020 – 08/2022

Ilmin International Relations Institute, [Hyundai-cmkfoundation](#)

KU Global Leadership Scholarship (Latin America – Mexico)

01/2019 – 02/2019

Korea University Global Leadership Center

VERITAS Scholarship

09/2018 – 12/2019

Korea University

Inter-governmental Youth delegate (Mongolia)

06/2018 – 07/2019

Ministry of Gender Equality and Family, Republic of Korea

VERITAS Scholarship

09/2018 – 12/2019

Korea University

College of Health Science Scholarship

03/2018 – 12/2018

Korea University