

# Nayoung Ko

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EDUCATION	<b>Ph.D. in City and Regional Planning</b> , The Ohio State University (OSU) <b>Master of Arts in Geography</b> , Seoul National University (SNU) ▪ Thesis: <i>Measuring GVCs and global network analysis of petrochemical industries</i> ▪ Committee: Dr. Yongchang Kim (Chair), Dr. Yangmi Koo (Advisor), Dr. Jungyeol Sohn <b>Bachelor of Arts in Geography</b> , SNU ▪ Combined Minor: Latin American Studies ▪ Honors: <i>summa cum laude</i>	Aug 2023–Present Aug 2021 Aug 2019
RESEARCH INTERESTS	Global trade and investment, regional economic development, knowledge production, innovation, new industries	
PUBLICATIONS	<b>PEER-REVIEWED ARTICLES</b> [1] Ko, N., and Kim, S. (2020). The Characteristics of Korean Petroleum and Petrochemical Industries and Change of Participation in Global Value Chains [written in Korean]. <i>Journal of Economic Geographical Society of Korea</i> , 23(3), 349–368. DOI: 10.23841/egsk.2020.23.3.349. <b>WORKS IN PROGRESS</b> [1] Motoyama, Y., Ko, N., Liu, C., and Qian, H. (submit). [Title redacted for anonymous peer review].	
ACADEMIC PRESENTATIONS	[5] Motoyama, Y., Ko, N. [presenter], Liu, C., and Qian, H. (Jul 2024). What are the Bamboo Ceiling for Asian Doctoral Students in the U.S.? <i>The 18th IACP 2024 Conference</i> . Hangzhou, China. [4] Ko, N. (Jun 2022). Measuring GVC in petrochemical industries and its changes in global crisis situations. <i>The 6th Global Conference on Economic Geography</i> . Dublin, Ireland. [3] Ko, N. (Mar 2022). Measuring GVC in petrochemical industries: GVC participation and global network analysis. <i>2022 American Association of Geographers Annual Meeting</i> . New York, U.S. [online] [2] Ko, N. [presenter], and Koo, Y. (Jun 2021). Change in GVC of petrochemical industries: analysis based on TiVA database [presented in Korean]. <i>2021 The Economic Geographical Society of Korea/The Korean Academic Society of Industrial Cluster Joint Spring Conference</i> . Seoul, South Korea. [1] Ko, N. [presenter], Kim, S., and Koo, Y. (Jun 2021). Change in GVC participation structure of Korean petrochemical industries [presented in Korean]. <i>2021 The Korean Geographical Society Annual Meeting</i> . Seoul, South Korea.	
RESEARCH EXPERIENCES	<b>Korea Research Institute for Local Administration (KRILA)</b> <i>Visiting Researcher</i> ▪ “A Study on the Promotion Policies for Night Tourism in Gwangju Metropolitan City” • PI: Dr. Jurak Kim <b>City and Regional Planning Section</b> , Knowlton School of Architecture, OSU <i>Research Assistant</i> ▪ “Bamboo Ceiling for Asian Doctorates” • PI: Dr. Yasuyuki Motoyama <b>Korea Research Institute for Human Settlements (KRIHS)</b> <i>Graduate Researcher</i> ▪ “A Study on Ecosystem of Innovative Start-ups based on Universities” • Mentor: Dr. Dongsuk Huh	Apr 2024–May 2024 Nov 2023–Present Jun 2020–Nov 2020

**Department of Geography, SNU***Research Assistant*

- “Growth and Decline of Industrial Cities in Korea: Cluster Life Cycle, Industrial Restructuring, and Economic Globalization” Jul 2020–Jun 2022
  - Funded by National Research Foundation of Korea
  - PI: Dr. Yangmi Koo
- “Self-sufficiency Strengthening Plan for Job Creation and Enterprise Attraction in the 3rd Generation New Towns” Jul 2020–Oct 2021
  - Funded by Korea Land and Housing Corporation
  - PI: Dr. Wonho Lee
- “Urban Decline and Sustainability: Focused on the Evolution and Resilience of Industrial Cities” May 2020–Apr 2021
  - Funded by Seoul National University
  - PI: Dr. Yangmi Koo
- “Expert Workshop for the Creation of the G-Valley Industrial Museum” Jan 2020–Mar 2020
  - Funded by Seoul Economic Policy Office
  - PI: Dr. Yangmi Koo
- “Population Change and Future of the Korean Society” Sep 2019–Dec 2019
  - Funded by Seoul National University
  - PI: Dr. Chulhee Lee

**TEACHING EXPERIENCES****Faculty of Liberal Education, SNU***Graduate Mentor*

- 054.001 Undergraduate Independent Study (UG) SU 2020

**Department of Geography, SNU***Teaching Assistant*

- 208.323A Industrial Location and Policy (UG) AU 2020
- 208.205 Economic Geography (UG) SP 2020

**GRANTS, AWARDS, AND SCHOLARSHIPS****EXTERNAL**

- 2021 Spring The KGS Presentation Award, The Korean Geographical Society Jun 2021
- BrainKorea21 Four Scholarship, National Research Foundation of Korea Sep 2020–Aug 2021
- BrainKorea21 Plus Scholarship, National Research Foundation of Korea Sep 2019–Aug 2020
- Hong Sung-Dae Scholarship, Kwanak Corporation 2016–2019

**INTERNAL**

- Early Offer Eminent Scholar Fellowship, OSU Aug 2023–Jul 2025
- 2020 BK Research Group Best Paper Award, 4-Plus Innovations for the Future Land Space Education and Research Center Feb 2021
- Merit-based Scholarship, SNU Sep 2020–Aug 2021

**ADDITIONAL TRAINING**

- 2020 Spring Methodology Workshop: Applications of Network Analysis Korea Social Science Data Archive (KOSSDA), SNU May 2020

**PROFESSIONAL EXPERIENCES****4-Plus Innovations for the Future Land Space Education and Research Center, SNU***Administration Staff* (Supervisor: Dr. Gunhak Lee)

Sep 2021–Apr 2023

**MEMBERSHIPS AND LEADERSHIP****PROFESSIONAL AFFILIATIONS**

- American Association of Geographers (AAG)

**COMMUNITY LEADERSHIP**

- Student Council President, Department of Geography, SNU Nov 2017–Oct 2018

**SKILLS**

- **Data Analysis:** R, Python, NetMiner, UCINET, QGIS, ArcGIS Pro
- **Documentation:** L<sup>A</sup>T<sub>E</sub>X, R Markdown

- **Language:** English (fluent), Japanese (fluent), Spanish (intermediate), Korean (native)

*[Last updated on 2024-08-01]*