

CHAN KIM

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PLACEMENT DIRECTORS

Prof. Luminita Stevens	stevens7@umd.edu	(301) 405-3515
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EDUCATION

Ph.D. Economics, University of Maryland at College Park, expected May 2025
M.A. Economics, University of Maryland at College Park, 2022
B.A. Economics (major), *Summa Cum Laude*, Chinese Language & Literature (double major), Seoul National University, South Korea, 2017

FIELDS OF SPECIALIZATION

Primary: International Trade, Innovation
Secondary: Macroeconomics

DISSERTATION

Essays on Trade and Innovation

Committee: Prof. Nuno Limão (Co-Chair), Prof. John Shea (Co-Chair), Prof. Eunhee Lee

JOB MARKET PAPER

[“From Research to Development: How Globalization Shapes Corporate Innovation”](#)

I show that globalization has shifted U.S. corporate innovation from scientific research to commercial development. Analyzing data from publicly traded firms, I find evidence that substantial tariff reductions at export destinations following the “Uruguay Round” led U.S. firms to focus on a narrower range of technologies, reducing their emphasis on scientific research. To explain these findings, I develop a multi-product firm model that distinguishes between research and development. Globalization—represented by expanded market size or lower trade costs—reallocates profits toward products for which firms hold a competitive advantage. Consequently, firms increasingly prioritize developing core products over broader research. The model embeds a crucial welfare trade-off: product development increases the supply of high-productivity products, but it can replace a stronger focus on research, which enhances the overall innovation efficiency of the economy through knowledge spillovers. Calibration to U.S. manufacturing firms shows that these innovation decisions amplify the productivity gains from globalization but reduce welfare gains. The welfare-maximizing policy suggests that research subsidies should exceed development subsidies, particularly after globalization, to offset the decline in research share.

OTHER RESEARCH PAPERS

[“Overseas Buyer Search, Firm Size, and Export Promotion Policy”](#) with Daisoon Kim, under review

[“Knowledge Diffusion Through FDI: Worldwide Firm-level Evidence”](#) with Jaebin Ahn, Nan Li, and Andrea Manera, under review

[“Innovation Spurred: Evidence from South Korea’s Big R&D Push”](#) with Luis F. Jaramillo

“Replaced or Reinforced? Outward FDI and R&D Investment” with Youngho Kang and Eunhee Lee, work in progress

TEACHING EXPERIENCE

Instructor, Intermediate Macroeconomic Theory and Policy (undergraduate), University of Maryland, Summer 2021

Tutoring, Principles of Macroeconomics (undergraduate), University of Maryland, Spring 2024

Teaching Assistant, Econometrics (undergraduate), University of Maryland, Fall 2023

Teaching Assistant, Financial Economics (graduate), University of Maryland, Spring 2023

Teaching Assistant, International Trade (graduate), University of Maryland, Spring 2023

Teaching Assistant, Money and Banking (undergraduate), University of Maryland, Fall 2022

Teaching Assistant, Intermediate Macroeconomic Theory and Policy (undergraduate), University of Maryland, Spring 2021

Teaching Assistant, Principles of Microeconomics (undergraduate), University of Maryland, Fall 2020

Teaching Assistant, Principles of Macroeconomics (undergraduate), University of Maryland, Fall 2019 and Spring 2020

RESEARCH AND RELEVANT WORK EXPERIENCE

Ph.D. Intern, Fund Internship Program, International Monetary Fund, Summer 2023

Research Assistant, Prof. Eunhee Lee, University of Maryland, Fall 2021 and Spring 2022

Research Assistant, Prof. Nathan Lane, Monash University, Fall 2018 and Spring 2019

Research Assistant, Prof. Jungmin Lee, Seoul National University, Fall 2018 and Spring 2019

GRANTS AND AWARDS

FREIT-EIIT 2024 Best Graduate Student Paper Award, 2024

CIBE-sponsored 2024 PhD Summer Research Grant, Smith School Center for Global Business, 2024

Graduate Assistantship, Department of Economics, University of Maryland, 2019-2023

Superior Academic Performance Scholarship, Seoul National University, 2012-2016

Gold Medal Korean High school Economics Competition, Korea Development Institute & Ministry of Strategy and Finance, Korea, 2010

CONFERENCE AND SEMINAR PRESENTATIONS

2025: ASSA Annual Meeting*, 2024: SEA 94th Annual Meeting*, European Commission Annual Research Conference*, FREIT Empirical Investigations in International Trade Conference, EGSC 19th Meeting, 18th North American Meeting of the Urban Economics Association, Georgetown University Trade Lunch, Korean Economic History Society Summer International Conference, Washington Area International Trade Seminar (Poster Session), 2023: Georgetown University Trade Lunch, International Monetary Fund RESDM Seminar, 2022: Midwest International Trade Conference (U of Notre Dame)

*: scheduled

LANGUAGES

Korean (native), English (fluent), Mandarin Chinese (intermediate)

COMPUTATIONAL SKILLS

Python (NLP, computer vision, web scraping), R, Matlab, Stata

REFERENCES

Prof. Nuno Limão	Georgetown University	nuno.limao@georgetown.edu	(202) 687-5696
Prof. John Shea	University of Maryland	jshea1@umd.edu	(301) 405-3491
Prof. Eunhee Lee	Seoul National University	elee11@snu.ac.kr	(+82) 880-6366
Dr. Nan Li	International Monetary Fund	nli@imf.org	(202) 623-4461