

# **YANGKEUN YUN**

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yangkeunyun.github.io

## **DOCTORAL STUDIES**

UCLA Anderson School of Management, 2021 to present  
Ph.D. Candidate in Economics  
Expected Completion Date: June 2026

### **References:**

Professor John Asker UCLA Department of Economics johnasker@econ.ucla.edu	Professor Nico Voigtländer UCLA Anderson School of Management nico.v@anderson.ucla.edu
Professor Will Rafey UCLA Department of Economics rafey@econ.ucla.edu	Professor Romain Wacziarg UCLA Anderson School of Management wacziarg@anderson.ucla.edu

## **PRIOR EDUCATION**

M.A. Economics, Seoul National University, 2019  
B.A. Economics & Public Administration, Kyunghee University, 2015

## **FIELDS**

Industrial Organization, Environmental Economics, Economic History

## **TEACHING EXPERIENCE**

Winter, Summer 2025 Teaching assistant for MBA Global Trends, UCLA  
Winter 2024 Teaching assistant for MBA Managerial Economics, UCLA  
Spring 2023 Teaching assistant for MBA Macroeconomics, UCLA

## **RESEARCH EXPERIENCE**

2024-2025 Research assistant for Prof. Romain Wacziarg  
2023-2024 Research assistant for Prof. Paola Giuliano  
2022-2025 Research assistant for Prof. Nico Voigtländer  
2022-2023 Research assistant for Prof. Will Rafey

## **HONORS, SCHOLARSHIPS, AND FELLOWSHIPS**

2025-2026 Price Center Research Grant, UCLA  
2025-2026 Dissertation Year Award, UCLA  
2023-2025 Global Research Award, Center for Global Management, UCLA  
2023-2024 Societal Impact Research Grant, Center for Impact, UCLA  
2023 Best Presentation Award, Proseminar in Economic History, UCLA  
2022 Diversity Fellowship, Environmental & Energy Economics Summer School, UC Berkeley  
2021-2026 Anderson Fellowship, UCLA  
2020 Second Prize in Student Paper Award, iHEA

2019 Best Thesis Award, Seoul National University

## **JOB MARKET PAPER**

### Navigating the Commons

**Abstract:** The overuse of open-access resources is a classic example of externalities. Inefficiencies arise not only from resource use by existing participants but also from their investment in capacity and the entry of new firms. Standard models of externalities, however, typically abstract from firms' entry, exit, and capital accumulation. This paper develops a model of strategic firm dynamics with production externalities, in which firms interact through stock depletion and congestion. I estimate the model using firm-level panel data from the American whaling industry (1804–1909), an unregulated global commons. With the estimated model, I quantify the shadow prices of externalities and propose a tractable framework for optimal policy design. The results show that per-unit Pigouvian taxes substantially improve welfare yet fall short of the first best: they correct stock externalities but leave congestion unpriced, leading to persistent overcapacity. Optimal regulation combines per-unit taxes with state-dependent lump-sum fees that vary with vessel capacity and productivity to internalize firms' dynamic interactions. The welfare effects of these policies depend critically on technology, demand, and resource regeneration, underscoring the importance of adaptive policy design.

## **WORKING PAPERS**

Water Investment and Pricing (with Will Rafey)

The Road to Ascension: Exams, Lineages and Civil Servants of the Joseon Dynasty (with Sok Chul Hong and Christopher Paik)

Small-Scale Rural Water Supply, Typhoid Eradication, and Human Capital Development (with Sok Chul Hong)

## **WORKS IN PROGRESS**

Exporting and Innovation in a Dynamic Oligopoly (with Han Yang)

Public Liquidity and Interbank Markets: Evidence from New Jersey Bank Networks, 1926-1932 (with Haelim Anderson)

## **PRESENTATIONS**

2025-2026 Southern Economic Association Annual Meeting; KIF-KAEA Conference; All-California Economic History Job Market Conference; CU Environmental and Resource Economics Workshop; Econometric Society World Congress

2024-2025 European Association of Young Economists; Southern Economic Association Annual Meeting; Lewis Lab Graduate Student Workshop (University of Manchester)

2023-2024 Society for Economic Dynamics Annual Meeting; Econometric Society North American Summer Meeting; International Industrial Organization Conference; Southern Economic Association Annual Meeting; Royal Economic Society Annual Conference; Northeastern Universities Development Consortium; Economics Graduate Student Conference (Washington University in St. Louis)

2022-2023 LSE Environment Day; Mountain West Economic History Conference (Utah State University)

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