

OLIVIER KOOI

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Office Contact Information

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Education

University of Chicago , Ph.D. Economics	<i>2019–present</i>
University of Chicago , M.A. Economics	<i>2018–2019</i>
Erasmus University , B.A. Economics and Business Economics	<i>2015–2018</i>

References

Professor Mikhail Golosov (Chair) University of Chicago Kenneth C. Griffin Department of Economics golosov@uchicago.edu (773) 702-6405	Professor Esteban Rossi-Hansberg University of Chicago Kenneth C. Griffin Department of Economics rossihansberg@uchicago.edu (650) 714-2093
Professor Erik Hurst University of Chicago Booth School of Business erik.hurst@chicagobooth.edu (773) 834-4073	Professor James Robinson University of Chicago Harris School of Public Policy jamesrobinson@uchicago.edu (773) 702-6364

Research and Teaching Fields

Primary:	International Trade, Political Economy
Secondary:	Macroeconomics, Public Finance

Job Market Paper

Power & Resilience: An Economic Approach to National Security Policy

Abstract: This paper develops a theory of national security externalities based on the bargaining approach to conflict. Bargaining induces countries to value resilience to conflict because it improves bargaining outcomes. Resilience depends on economic decisions, such as investment and trade patterns, made by atomistic agents. The key assumption is that there is a missing market for bargaining power, which leads to a national security externality. The role for national security policy is to reduce the social cost of the national security externality by directly intervening in markets to affect the decisions that produce resilience. Various national security policies can be studied from this perspective. Examples developed in the paper include investment subsidies to the defense industrial base, the reshoring

and friend-shoring of production capacity, and various ways to weaponize trade, including sanctions. A quantitative exercise studies the value of reshoring productive capacity in a scenario where the US faces a potential conflict with China over Taiwan. The exercise identifies semiconductors as among the most valuable industries for reshoring. It also suggests the rise of China and corresponding expansion of trade increased the value of reshoring by over fivefold between 1997 and 2017.

Work in Progress

The theory of the economic security union

Awards, Scholarships, and Grants

Bradley award	2023
Neubauer Family Foundation Distinguished Scholar Doctoral Fellowship	2019–2024
University of Chicago Social Sciences Division Fellowship	2019–2024

Teaching Experience

New Developments in Public Finance (graduate)	TA for Profs. Ganong, Noel and Zwick	Winter 2023
Public Finance (graduate)	TA for Prof. Golosov	Winter 2023
Price Theory I (graduate)	TA for Prof. Murphy	Fall 2022
New Developments in Public Finance (graduate)	TA for Profs. Ganong, Noel and Zwick	Spring 2022
Price Theory I (graduate)	TA for Prof. Murphy	Fall 2021

Research Experience and Other Employment

Research Assistant for Prof. Josse Delfgaauw, Erasmus University	2017–2018
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Professional Experience

Conferences	<i>First double workshop in geoeconomics, geopolitics and preventing conflict studies</i>
Presentations	<i>Capital Theory, Trade working Group, Political Economy Lunch Seminar</i>
Refereeing Activity	<i>Journal of Political Economy</i>

Additional Information

Citizenship	Netherlands
Programming Skills	Python, Matlab, Stata
Languages	Dutch (Native), English (Fluent)