

Nataliya Gimpelson

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Education

Ph.D. in Economics, University of Rochester	2017-2024 (expected)
MA in Economics, University of Rochester	2017-2018
B.Sc. in Economics, Higher School of Economics (with Honors)	2013-2017

Research Fields

Macroeconomics, Labor Economics

Working Papers

“Disentangling the Roles of Preferences and Shocks in Labor Supply”

“Inferring Changes in Technology from Labor Share and Workweek of Capital”

Work in Progress

“Growing Up with Unemployed Mother: Implications for Labor Market Outcomes”

with Paulo Lins

Working Experience

Econometrics Assistant Intern at StataCorp LLC, Oct 2023 - Jan 2024

- address users’ technical questions and help the production of the educational materials in the areas of:
 - Panel data, survival analysis, time series, programming, data management

Research Assistant to Mark Bills, University of Rochester

- Contributed to Comment on “Shocks, Institutions, and Secular Changes in Employment of Older Individuals” for NBER Macroeconomics Annual 2021
- RA for “Who are the Hand-to-Mouth?” by Mark Aguiar, Mark Bills and Corina Boar
R&R Review of Economic Studies

International Center for Studying Institutions and Development, Higher School of Economics, 2015-2017

Research Assistant to Fabian Slonymczyk, Higher School of Economics

Teaching Experience

Teaching Assistant, University of Rochester:

· **Intermediate Macroeconomics (ECO209 Undergraduate)**,
Instructor: Hamid Firooz, Mark Bils (2019, 2020, 2021)

· **Intermediate Macroeconomics Honors (ECO209H Undergraduate)**,
Instructor: Hamid Firooz (Fall 2020, Fall 2021)

· **Topics in Microeconomic Theory (ECO208 Undergraduate)**,
Instructor: Steven Landsburg (Spring 2019)

Fellowships, Scholarships and Awards

Summer Research Grant (2018), University of Rochester

Graduate Fellowship and Tuition Scholarship (2018-2022), University of Rochester

McKenzie Fellowship and Tuition Scholarship (2017-2018), University of Rochester

Prize-winner of "Best students' research papers" competition (2017), Higher School of Economics

Merit-based Tuition Scholarship (2013-2017), Higher School of Economics

Skills

Computational: Stata, Matlab, R

Languages: English (Fluent), Russian (Native), French (Basic)

Conferences and Presentations

2023: Econometric Society European Meeting

2020: Economic Graduate Student Conference (WashU)

References

Professor Mark Bils (advisor)

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Professor Yan Bai

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Selected Abstracts

“Disentangling the Roles of Preferences and Shocks in Labor Supply”

Labor supply differs across people, even for the same levels of wages and assets. These differences can be driven by heterogeneity in preferences or by shocks to employment opportunities. Disentangling the two forces is important for policy but difficult to do in practice. I show that retirement decisions and their interactions with assets and labor history help to tell preferences and shocks apart. I document that wealthy people retire later and people with higher prime-age labor supply retire earlier. These facts can be jointly rationalized by the presence of preference heterogeneity and labor market constraints. I quantify the roles of preferences and shocks by calibrating a life-cycle model with endogenous retirement decision to German SOEP data. The model requires significant heterogeneity in bequest motives and allocates a big role to labor market constraints. Labor market shocks explain 50% of total variation in prime-age employment, while preferences explain 10%.

“Inferring Changes in Technology from Labor Share and Workweek of Capital”

In this paper I propose a new way to identify changes in capital bias and returns to scale in the US manufacturing sectors from 1974 to 2004. This strategy is based on the observed movements in sector-level labor share and workweek of capital. I set up a cost-minimization problem of a firm with endogenous workweek and show that while labor share and workweek respond to changes in relative price of capital and capital bias with the same magnitude, workweek is much more responsive to changes in returns to scale than labor share. Since in the data labor share and workweek are not perfectly correlated, the model suggests that there is scope for changes in returns to scale. I show that the returns to scale indeed have been changing over time in many sectors, and that the changes have been heterogeneous ranging from 18% increase in metals sector to 8% decrease in dairy sector. Moreover, these changes appear to be positively correlated with changes in capital bias. This implies that there have been massive and heterogeneous changes in technology over time.