

Marina Lovchikova

Website: mlovchikova.github.io

Email: mlovchikova@ucdavis.edu

Cell: +1 (979) 587-4441

LinkedIn: [mlovchikova](#)

Citizenship: Russia / US Permanent Resident

EDUCATION

University of California, Davis Ph.D. in Economics	Davis, CA expected 06/2021
Texas A&M University M.S. in Economics with emph. on Financial Economics and Econometrics	College Station, TX 05/2015
Texas A&M University Certificate in Applied Statistics	College Station, TX 05/2015
Gorno-Altaysk State University Specialist Diploma in Management	Gorno-Altaysk, Russia 06/2008

EXPERIENCE

Instructor College of Business and Economics, California State University, East Bay	Hayward, CA 01/2020 –05/2020
<ul style="list-style-type: none">– Economic Research Methods: A Master's level class focusing on theoretical and empirical research in the intersection of Labor, Technology and Innovation– <u>Topics included:</u> Economic Growth and Technology; Innovation policies effectiveness; Impact of Technological Change on Labor Markets; Algorithms in the Labor Market	
Instructor Department of Agricultural Economics, University of California, Davis	Davis, CA 07/2019–09/2020
<ul style="list-style-type: none">– Principles of Finance: an undergraduate level class for Managerial Economics track– <u>Topics included:</u> investment project analysis (NPV, IRR), stock and bond evaluations (Dividend and cash-flow methods), cost of capital (CAPM)	
Graduate Teaching Assistant Department of Economics, University of California, Davis	Davis, CA 09/2015–06/2020
<ul style="list-style-type: none">– Taught core economic classes on microeconomics, game theory, macroeconomics and data analysis for undergraduate students– <u>Topics included:</u> monopolistic competition and oligopoly; Monetary policy and its impact on the economy; Fiscal and monetary multipliers; Data visualization and regression analysis	
Consultant Department of Infrastructure and PPPs, The World Bank	Washington, D.C. 06/2017–09/2017
<ul style="list-style-type: none">– A PhD research project with Fernanda Ruiz Nunez, Senior Economist, Infrastructure and PPPs– Analysis of policies and incentives that could bring investments in post-conflict countries using survival analysis techniques, propensity score matching, panel data econometrics methods	
Senior Risk Analyst RTC-Leasing OJSC	Moscow, Russia 12/2012–08/2013

- Conducted industry research: global and domestic demand and supply; tariff and non-tariff barriers; changes in regulations; global competition; forecasts (cargo railroads, oil&gas equipment, construction)
- Evaluated the impact of non-tariff barriers, government subsidies, global business cycle on domestic markets and individual company's risk
- Assessed company risk and financial health based on financial statements, management disclosures, and internal accounting and control policies

Business Analyst

Toyota

Moscow, Russia

03/2010–11/2012

- Assessed investment projects and projects' financing scheme using NPV, IRR, ROI
- Evaluated impact of various policy changes and global supply chain changes on domestic automotive dealership industry: WTO ascension, non-tariff barriers, Fukushima disaster

Financial Reporting Specialist

Paul Hartmann Siberia

Novosibirsk, Russia

12/2008–12/2009

- Developed a medium-term operational and investment budgets with quarterly updating
- Prepared monthly, quarterly and annual financial statement, analyzed compliance with budgets and contract terms, Key Performance Indicators (KPIs) by cost centers

SKILLS

- **Computer skills:** R, Stata, Matlab, Python(base), WinBUGS(base)
- **CFA certification:** Passed Level I & II exams

LANGUAGES

- **English:** fluent; **Russian:** native

WORKING PAPERS

- Employed and Poor? Wages, Technological Innovations and Policy (JMP)
 - Theoretical general equilibrium model of wage effect of automation with two skill levels, wage bargaining, and labor market policies. Model calibration and simulation with Matlab
- New Approach to Technology Adoption through ICT Services (Third Year Paper)
 - Analysis of technology adoption in routine-intensive industries. Individual and country-level data for European countries, estimation with Stata
- Capital Controls and The Global Financial Cycle (*with Johannes Matschke*)
 - Empirical analysis of capital flow restrictions and their determinants. Country-level data for emerging economies, estimation with Stata
- Investment in Conflict-Affected Countries (*with Fernanda Ruiz Nunez*), 2017

WORK IN PROGRESS

- Innovation Policies and Labor Markets
 - Theoretical model of innovation support policies and their impact on employment. Contrast general vs. targeted support of innovation
- Innovation, Competition and Declining Prices of Investment Goods
 - Empirical analysis of innovation strategies by European firms in response to competition and declining investment prices. Individual- and firm-level data for several EU countries, regression estimation with Stata

PRESENTATIONS

- SaMMF workshop (Nov 13, 2020); NABE Tech2020 Poster Session (Nov 10, 2020)
- UC Davis International and Macroeconomics Brown Bag Series (Oct, 2020; Jun, 2020; Nov 2019, Apr, 2019)
- WEAI conference (Jun, 2019; Mar, 2019); Midwest Economic Association Meeting (Mar, 2019)

SCHOLARSHIPS AND AWARDS

- Bilinski Dissertation Fellowship 2020–2021
- Economic Department Travel Award, UC Davis 2019–2020, Fall 2018
- Economic Department Fellowship, UC Davis Fall 2019, Winter 2016
- Graduate Student Association Travel Award, UC Davis Winter 2019
- Non-Resident Tuition Fellowship, UC Davis 2015–2016
- Economic Department Scholarship, Texas A&M University 2013–2015

EXTRACURRICULAR ACTIVITIES

- Referee *Journal of Mathematical Economics* 2020
- Data Science Initiative, Affiliate, UC Davis 2018
- Mentor for Undergraduate Research Assistants, UC Davis 2018
- Graduate Mentor, UC Davis 2016
- Volunteer, AARP Tax Aide 2014–2015