

Marina Lovchikova

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US Visa Status: 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

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
<ul style="list-style-type: none">– 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
<ul style="list-style-type: none">– 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
<ul style="list-style-type: none">– 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	

TEACHING

Instructor

College of Business and Economics, California State University, East Bay

Hayward, CA

01/2020 –05/2020

- Economic Research Methods: A Master’s level class focusing on theoretical and empirical research in the intersection of Labor, Technology and Innovation
- Topics included: 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

- Principles of Finance: an undergraduate level class for Managerial Economics track
- Topics included: 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

- Taught core economic classes on microeconomics, game theory, macroeconomics and data analysis for undergraduate students
- Topics included: monopolistic competition and oligopoly; Monetary policy and its impact on the economy; Fiscal and monetary multipliers; Data visualization and regression analysis

SKILLS

- **Computer skills:** R, Stata, Matlab, Python (Dash)
- **Chartered Financial Analyst (CFA) certification:**
Passed Level I & II exams

LANGUAGES

- **English:** fluent; **Russian:** native; **Spanish:** beginner, **French:** beginner

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
- 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

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
- 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

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