

# MARIYA MELNYCHUK

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Banco de España  
Financial Stability and Macroprudential Policy Department  
Alcalá 48, 28014, Madrid – Spain  
E-mail: [mariya.melnychuk@bde.es](mailto:mariya.melnychuk@bde.es); [melnychukmaria@gmail.com](mailto:melnychukmaria@gmail.com)

## EMPLOYMENT RECORD

### Banco de España

Economist, Financial Stability and Macroprudential Policy Department Sept. 2019 - Present

### Universidad Carlos III de Madrid

Visiting Lecturer, Department of Social Sciences Feb. 2018 – Sept. 2019

### Universidad Rey Juan Carlos, Madrid

Research Fellow, Department of Applied Economics II Oct. 2016 – Sept. 2019

### City University London

Visiting Lecturer, Department of Economics Jan 2015 – Sept. 2018

### University College London

Associate Research Consultant, Department of Applied Health Research Mar. 2018 – Sept. 2019  
Research Associate, Department of Applied Health Research May 2014 – Mar. 2018

### Goethe University Frankfurt and Center for Financial Studies

Assistant Professor in Household Finance, SAFE Sept. 2013 – May 2014

### Universidad de Alicante

Teaching Assistant and Research Fellow, Department of Economics Sept. 2009 – Sept. 2013

### Universitat Autònoma de Barcelona

Teaching Assistant, Department of Economics Apr. 2008 – Sept. 2009

## EDUCATION

Ph.D. (Cum Laude)	Quantitative Economics	Universidad de Alicante	June 2013
M.Sc.	Quantitative Economics	Universidad de Alicante	March 2011
M.Sc.	Economic Analysis	Universitat Autònoma de Barcelona	June 2009
B.A. (with distinction)	Economics	National University of Kyiv-Mohyla Academy	June 2007

## RESEARCH INTERESTS

Applied Microeconometrics, Data Analysis, Household Finance, Health Economics, Labour Economics.

## PUBLICATIONS

### FINANCIAL STABILITY AND MACROPRUDENTIAL POLICY

1. Broto, C., Fernández Lafuerza, L. G., and Melnychuk, M. (2022). Do buffer requirements for European systemically important banks make them less systemic? *Banco de España Working Paper* No. 2243
2. Broto, C., and Melnychuk, M. (2022). Structural risk indicators for the Spanish banking sector. *Financial Stability Review/Banco de España*, Autumn 2022 (43), 37-58.
3. Broto, C., Cáceres García, E., and Melnychuk, M. (2022). Sectoral indicators for applying the Banco de España's new macroprudential tools. *Financial Stability Review/Banco de España*, Spring 2022, p. 101-117

### HEALTH ECONOMICS

1. Clarke, C.S., Melnychuk, M., ... and Hunter, R. M. (2022). Cost-utility analysis of major system change in specialist cancer surgery in London, England, using linked patient-level electronic health records and difference-in-differences analysis. *Applied Health Economics and Health Policy*, 20(6), 905-917.

2. Conti G., Pizzo E., Morris S., and **M. Melnychuk**. (2021). The economic costs of child maltreatment in UK. *Health Economics*, 30(12), 3087-3105.
3. Clarke C.S., Vindrola-Padros C., ...Melnychuk M., ..., Hunter RM. (2021). How to Cost the Implementation of Major System Change for Economic Evaluations: Case Study Using Reconfigurations of Specialist Cancer Surgery in Part of London, England". *Applied Health Economics and Health Policy*, 19(6), 797-810.
4. Vindrola-Padros C., Ramsay AIG, ...**Melnychuk M**, ..., Fulop N. (2021). Implementing major system change in specialist cancer surgery: the role of provider networks. *Journal of health services research & policy*, 26(1), 4-11.
5. Griego L., **Melnychuk M.** et al. (2021). Operational analysis of school-based delivery models to vaccinate children against influenza. *Health Systems*, 10(3), 212-221.
6. **Melnychuk M.** et al. (2019). Variation in quality of acute stroke care by day and time of admission: prospective cohort study of weekday and weekend centralised hyperacute stroke unit care and non-centralised services. *BMJ Open* 9(11), e025366.
7. Black G., Ramsay AIG, Baim-Lance A, Eng J, **Melnychuk M**, ... Fulop N. (2019). What does it take to provide clinical interventions with temporal consistency? A qualitative study of London hyperacute stroke units". *BMJ Open* 9(11), e025367.
8. Hernández-Izquierdo, C., López-Valcárcel, B. G., Morris, S., **Melnychuk, M.**, & Alessón, I. A. (2019). The effect of a change in co-payment on prescription drug demand in a National Health System: The case of 15 drug families by price elasticity of demand. *PLoS one*, 14(3), e0213403.
9. **Melnychuk, M.**, Solmi, F., & Morris, S. (2018). Using compensating variation to measure the costs of child disability in the UK. *The European Journal of Health Economics*, 19(3), 419-433.
10. **Melnychuk, M.**, Vindrola-Padros, C., Aitchison, M., Clarke, C. S., Fulop, N. J., Levermore, C., ... & Pritchard-Jones, K., Ramsay A. I. G., Shackley D. C., Vickers J., Morris S. (2018). Centralising specialist cancer surgery services in England: survey of factors that matter to patients and carers and health professionals. *BMC cancer*, 18(1), 226.
11. Vallejo-Torres, L., **Melnychuk, M.**, Vindrola-Padros, C., Aitchison, M., Clarke, C. S., Fulop, N. J., ... & Pritchard-Jones, K., Ramsay A. I. G., Shackley D. C., Morris S. (2018). Discrete-choice experiment to analyse preferences for centralizing specialist cancer surgery services. *British Journal of Surgery*, 105(5), 587-596.
12. Solmi, F., **Melnychuk, M.**, & Morris, S. (2018). The cost of mental and physical health disability in childhood and adolescence to families in the UK: findings from a repeated cross-sectional survey using propensity score matching. *BMJ Open*, 8(2).
13. Fulop N.J., Ramsay A.I., ... **Melnychuk M.**, ..., Morris S. (2016). Reorganising specialist cancer surgery for the twenty-first century: a mixed methods evaluation (RESPECT-21). *Implementation Science*, 11(1), p.155.
14. Lindeboom, M., and **Melnychuk, M.** (2015). Mental Health and Asset Choices. *Annals of Economics and Statistics/Annales d'Économie et de Statistique*, (119/120), 65-94.

#### PARTICIPATION IN COMPETITIVE MULTIDISCIPLINARY RESEARCH PROJECTS

1. "EQUIPTT: Evaluation of QUIPP App for Triage and Transfer (EFT160901)". Financing institution: Guy's and St Thomas' Charity. Award: £45.889,92
2. "Models of Generalist and Specialist Care in Smaller Acute Hospitals: An Exploratory Study. Financing institution: National Institute for Health Research Health Services and Delivery Research Programme. Award: £815.259,00
3. "Desigualdad, pobreza e igualdad de oportunidades" (S2015/HUM-3416, DEPOPOR-CM). Financing institution: Dirección General de Universidades e Investigación. Comunidad de Madrid.
4. "Developing the estimates of the long-term economic consequences of child maltreatment in the UK". Financing institution: National Society for the Prevention of Cruelty to Children. Award: £44.600,00
5. "Cost of Child Disability in the UK". Financing institution: Department of Health Policy Research Programme. Award: £18.000,00
6. "Reorganising specialist cancer surgery for the 21st century: a mixed methods evaluation". Financing institution: National Institute for Health Research Health Services and Delivery Research Programme. Award: £ 1.186.864,00
7. "Mixed methods analysis of the London Hyperacute Stroke System: identifying lessons on 24/7 working". Financing institution: National Institute for Health Research Health Services and Delivery Research Programme. Award: £509.556,00
8. "Evaluating the pilot implementation of vaccinating healthy school-aged children against seasonal influenza". Financing institution: Department of Health Policy Research Programme. Award: £ 832.716,00
9. "Los micro-fundamentos de la Economía de la Complejidad: teoría, conductas y políticas (ECO2012-34928). Financing institution: Ministerio de Economía y Competitividad. Award: € 127.530,00

#### PRESENTATIONS AT INTERNATIONAL MULTIDISCIPLINARY CONFERENCES

- 2019 Science Bash, Universidad Carlos III, Madrid (30 May); VIII Taller EvaluAES de Investigación en Evaluación de Políticas y Servicios de Salud, Palma (3.05); XXVI Meeting on Public Economics, Oviedo (24-25.01).
- 2018 Applied Economics Seminar, Universidad Rey Juan Carlos (23.11); VI EQUALITAS Workshop Universidad Complutense de Madrid (19.10); Workshop in Quantitative Economics, University of Alicante, (31.05-01.06); International Workshop on Unemployment and Wellbeing, Institute for Employment Research, Nuremberg (25-26.01); National Child Development Study 60 years of our lives, London (8-9.03).
- 2017 Families and Research Advisory Group Meeting: Making a film to disseminate research findings on the financial impact of childhood disability for the Policy Research Unit in the Health of Children, Young People and Families, (2.11).
- 2016 Health Services Research UK Symposium (13-14.07); European Stroke Organisation Conference (10-12.05); Health Economists' Study Group Meeting (6-8.01).

- 2015 UK Stroke Forum Conference (22-24.11); Health Economists' Study Group Meeting (22-24.06); Policy Research Unit in the Health of Children, Young People and Families (12.03, 11.06, 16.10); University College London (15.01).
- 2014 Health Economists' Study Group Meeting (23-25.06); National Institute of Economic and Social Research (7.01).
- 2013 European Commission, Joint Research Centre, Ispra, Italy (14.01); University of Groningen, Netherlands (4.02); Stockholm Institute of Transition Economics at Stockholm School of Economics, Sweden (18-19.02); Royal Economic Society PhD Presentation Meeting 2013, UK (19-20.01).
- 2012 Spanish Economic Association Meeting (SAEe), Spain (13-15.12); ASSET Annual Meeting, Cyprus (1-3.11); Tinbergen Institute, Netherlands (23.10); Department of economics, VU University Amsterdam, Netherlands (19.09); Italian SHARE Users' conference, Ca' Foscari University of Venice, Italy (28-29.06); Econometric Workshop, University of Alicante, Spain (6.06).
- 2011 2<sup>nd</sup> Irdes Workshop on Applied Health Economics and Policy Evaluation, France (23-24.06); 10<sup>th</sup> Anniversary of the Journées Louis-André Gérard-Varet Conference in Public economics, France (20-22.06); Quantitative Economics Doctorate Meeting 2011, Nova School of Business and Economics, Portugal (13-14.05); Econometric Workshop, University of Alicante, Spain (23.03).
- 2010 8<sup>th</sup> European Conference on Health Economics, Finland (7-10.07).

## FELLOWSHIPS

Talent Attraction to the Community of Madrid R&D Program. Modality II.	2018-2022
SAEe fellowship for young researchers, Spain.	2012
SHARE and Ca' Foscari University of Venice travel grant for young researchers, Italy.	2012
IRDES scholarship (travel grant), France.	2011
ICMPE fellowship for young researchers (travel grant), Italy.	2011
Department of Economics scholarship and travel grants, University of Alicante, Spain.	2010-2013
Department of Economics: full tuition scholarship, Universitat Autònoma de Barcelona, Spain.	2008-2009
Ministry of Education of Ukraine: full tuition scholarship, National University of Kyiv-Mohyla Academy.	2003-2007

## TEACHING EXPERIENCE

### Universidad Carlos III de Madrid

Lecturer: Evaluation of Public policy	2018-2019
Lecturer: Global Health	2018

### City University London

Lecturer and Module Coordinator: Data Analysis	2015-2018
Teaching Assistant: Econometrics	2017-2018
Lecturer and Module Coordinator: Health Economics	2016-2017
Lecturer and Module Coordinator: Welfare Economics	2014-2016

### University College London

Lecturer: Health Economics	2017-2018
Lecturer: Introduction to Economic Evaluation	2014-2016

### National Institute for Health Research Collaborations for Leadership in Applied Health Research and Care Academy

Lecturer: Introduction to Economic Evaluation	2015-2018
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### School in Public Health Menorca

Lecturer: Economic Evaluation of Healthcare Interventions	2015
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### University of Alicante

Teaching Assistant: Mathematics and Econometrics	2009-2013
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### Universitat Autònoma de Barcelona

Teaching Assistant: Microeconomics, Econometrics and Macroeconomics	2008-2009
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## QUALIFICATIONS

Profesor Ayudante Doctor	Applied Economics	ANECA	December 2017
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## LANGUAGES

English (fluent), Spanish (fluent), French (A2+)