

YONATAN BERMAN

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Academic Positions

Paris School of Economics

Chateaubriand Postdoctoral Fellow, 2017 – 2018

WID.world Fellow, 2018 –

London Mathematical Laboratory

Fellow, 2018 –

City University of New York / Stone Center on Socio-Economic Inequality

Visiting Associate Professor, 2020

Distinguished Visiting Fellow, Advanced Research Collaborative, 2020

Education

Ph.D., Tel Aviv University, 2018

Dissertation Title: “Stochastic Modeling of Inequality in Complex Financial and Economic Systems”.

M.Sc. Physics, Ben-Gurion University of the Negev, 2012

B.Sc. Mathematics and Physics (Talpiot), The Hebrew University of Jerusalem, 2007

Research Fields

Economics of Inequality, Social Mobility, Political Economy, Labor Economics, Decision Theory

Working Papers

1. The Long Run Evolution of Absolute Intergenerational Mobility.
2. On the Distribution of Estates and the Distribution of Wealth: Evidence from the Dead (with Facundo Alvaredo, and Salvatore Morelli; Chapter in forthcoming NBER book *Measuring and Understanding the Distribution and Intra/Inter-Generational Mobility of Income and Wealth*, eds. Raj Chetty, John N. Friedman, Janet C. Gornick, Barry Johnson, and Arthur Kennickell).
3. Growth, Inequality and Absolute Mobility in the United States, 1962–2014.
4. On the Link Between Intergenerational Mobility and Inequality: Are They Truly Distinct?

5. Inequality, Identity, and the Long-Run Evolution of Political Cleavages in Israel 1949–2019 (Chapter in forthcoming book *Political Cleavages, Party Systems and Social Inequalities*, eds. Amory Gethin, Clara Martínez-Toledano, and Thomas Piketty).
6. Microfoundations of Discounting (with Alex Adamou, Diomidis Mavroyiannis, and Ole Peters).
7. Risk Preferences in Time Lotteries (with Mark Kirstein).
8. What Are We Weighting For? A Mechanistic Model for Probability Weighting (with Ole Peters, Alex Adamou, and Mark Kirstein).
9. The Distributional Short-Term Impact of the COVID-19 Crisis on Wages in the United States.

Work in Progress

1. The Two Growth Rates of the Economy (with Alex Adamou, and Ole Peters).
2. Homoploutia and Income Inequality: Measurement and Empirical Evidence.
3. Mobility and Inequality in US Growth, 1968–2018 (with François Bourguignon).
4. When Does a Snapshot Income Distribution Tell You All You Need to Know about Income Mobility? (with Ravi Kanbur).
5. Wealth Inequality in the United States Since 1967: The Role of Income, Saving, Asset Prices and Wealth Mobility.

Publications

1. Berman Y., O. Peters and A. Adamou Wealth Inequality and the Ergodic Hypothesis: Evidence from the United States. *Forthcoming in Journal of Income Distribution*.
2. Berman, Y., Y. Shapira and M. Schwartz (2017). A Fokker-Planck Model for Wealth Inequality Dynamics. *EPL* 118(3), 38004 (*Editor's choice*; also at *Europhysics News highlights* 48(5/6), 14).
3. Berman, Y., Y. Shapira and M. Schwartz (2017). Analytical Study of Index-Coupled Herd Behavior in Financial Markets. *EPL* 116(5), 58003.
4. Berman, Y. and Y. Shapira (2017). Revisiting $r > g$ —The Asymptotic Dynamics of Wealth Inequality. *Physica A* 467, 562–572.
5. Berman, Y. and T. Aste (2016). To What Extent Does Immigration Affect Inequality? *Physica A* 462, 1029–1039.
6. Zhang, X., L. Feng, Y. Berman, N. Hu and H. E. Stanley (2016). Exacerbated Vulnerability of Coupled Socio-economic Risk in Complex Networks. *EPL* 116(1), 18001.
7. Berman, Y., E. Ben-Jacob and Y. Shapira (2016). The Dynamics of Wealth Inequality and the Effect of Income Distribution. *PLOS ONE* 11(4), e0154196.
8. Berman, Y., E. Ben-Jacob, X. Zhang and Y. Shapira (2016). Analyzing the Long Term Cohesive Effect of Sector Specific Driving Forces. *PLOS ONE* 11(3), e0152487.
9. Berman, Y., Y. Shapira and E. Ben-Jacob (2015). Modeling the Origin and Possible Control of the Wealth Inequality Surge. *PLOS ONE* 10(6), e0130181.
10. Berman, Y., Y. Shapira and E. Ben-Jacob (2014). Unraveling Hidden Order in the Dynamics of Developed and Emerging Markets". *PLOS ONE* 9(11), e112427.

11. Shapira Y., Y. Berman and E. Ben-Jacob (2014). Modelling the Short Term Herding Behaviour of Stock Markets. *New Journal of Physics* 16, 053040.
12. Berman, Y. (2013). An Improved Homogenization Technique for Pin-By-Pin Diffusion Calculations. *Annals of Nuclear Energy* 53, 238–243.
13. Berman, Y., Y. Lederer and E. Meron (2012). A Simplified Spatial Model for BWR Stability. *Proceedings of PHYSOR 2012*, 1608–1619.

Professional Activities

Conference Presentations (including scheduled)

- 2021 AEA Annual Meeting.
- 2020 D-TEA Conference, NBER/CRIW Conference on Measuring and Understanding the Distribution and Intra/Inter-Generational Mobility of Income and Wealth.
- 2019 AEA Annual Meeting, ECINEQ Meeting 2019, EEA-ESEM Annual Congress.
- 2018 Equal Chances Conference, French Economic Association Meeting, LIS/LWS User Conference.
- 2017 ECINEQ Meeting 2017, Econometric Society European Winter Meeting, Trends in Inequality: Social, Economic and Political Issues, International Conference on Inequality.

Workshop and Seminar Talks (including scheduled)

- 2020 City University of New York, Columbia University, Rutgers University, The University of Edinburgh.
- 2019 City, University of London, Columbia University, Copenhagen University, Freie Universität Berlin, Harvard University, Norwegian University of Science and Technology, Royal Holloway, University of London, Technion – Israel Institute of Technology, Weizmann Institute of Science.
- 2018 London School of Economics, Université Paris 1 Panthéon-Sorbonne, University of Haifa, The Hebrew University of Jerusalem.
- 2017 London School of Economics, Paris School of Economics, Tel Aviv University.
- 2016 Oxford University.
- 2015 The Hebrew University of Jerusalem, University College London.

Grants, Honors & Awards

- Advanced Research Collaborative Fellowship, 2020
- Laboratoires d'excellence OSE research grant, 2018 – 2019
- Best Junior Scholar Paper, Trends in Inequality: Social, Economic and Political Issues, International Conference on Inequality, 2017
- Chateaubriand Fellowship, 2017 – 2018
- INET Young Scholars Initiative Travel Grant, 2017
- Dan David Prize Scholarship for Young Researchers – for Combatting Poverty, 2016 – 2017
- Israel Ministry of Science, Technology and Space International PhD Travel Grant, 2016
- Arie and Ida Crown Memorial Foundation Scholarship, 2015 – 2016

London Mathematical Laboratory Summer Studentship, 2015
Tauber Family Foundation Scholarship, 2014 – 2016
Part of the Head of Israeli Atomic Energy Commission Award Winning Team, 2009

Referee

Brookings Foreign Policy, Econometrica, Economica, Journal of the European Economic Association, Mathematical Social Sciences, PLOS ONE.

Additional Professional Positions and Visits

World Inequality Database (WID.world)

Fellow, 2018 –

Stone Center on Socio-Economic Inequality, City University of New York

Visiting Scholar, 2018 –

London Mathematical Laboratory

Visiting Scholar, 2015 – 2018

Nuclear Research Center – Negev

Researcher, 2008 – 2012

Teaching

University of Warwick

Ergodicity in Economics: Spring 2019

Tel Aviv University

Electricity and Magnetism for Medicine Students: Spring 2014, Spring 2015, Spring 2016, Spring 2017

Classical Mechanics for Medicine Students: Autumn 2015, Autumn 2016, Autumn 2017

The Hebrew University of Jerusalem

Talpiot Honors Students Seminar in Physics (lecturer in charge): Spring 2013