

# YONATAN BERMAN

London Mathematical Laboratory  
8 Margravine Gardens  
London W6 8RH  
United Kingdom

Email: [y.berman@lml.org.uk](mailto:y.berman@lml.org.uk) ; [yberman@gc.cuny.edu](mailto:yberman@gc.cuny.edu)  
Homepage: [www.yonatanberman.com](http://www.yonatanberman.com)

## 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

2018 Ph.D., Tel Aviv University

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

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

## Research Fields

Economic Inequality, Social Mobility, Political Economy, Decision Theory

## Working Papers

1. The Long Run Evolution of Absolute Intergenerational Mobility.
2. *Homoploutia*: Top Labor and Capital Incomes in the United States, 1950–2020 (with Branko Milanovic).
3. The Two Growth Rates of the Economy (with Alex Adamou, and Ole Peters).
4. Growth, Inequality and Absolute Mobility in the United States, 1962–2014.
5. On the Link Between Intergenerational Mobility and Inequality: Are They Truly Distinct?
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. Mobility and Inequality in US Growth, 1968–2018 (with François Bourguignon).
2. Long Run Inequality and Two Types of Intergenerational (Im)mobility (with Ravi Kanbur).

## Publications

1. Alvaredo F., Y. Berman and S. Morelli On the Distribution of Estates and the Distribution of Wealth: Evidence from the Dead (Chapter forthcoming in 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).
2. Berman Y. Inequality, Identity, and the Long-Run Evolution of Political Cleavages in Israel 1949–2019 (Chapter forthcoming in *Political Cleavages, Party Systems and Social Inequalities*, eds. Amory Gethin, Clara Martínez-Toledano, and Thomas Piketty).
3. Berman Y., O. Peters and A. Adamou Wealth Inequality and the Ergodic Hypothesis: Evidence from the United States. *Forthcoming in Journal of Income Distribution*.
4. 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).
5. Berman, Y., Y. Shapira and M. Schwartz (2017). Analytical Study of Index-Coupled Herd Behavior in Financial Markets. *EPL* 116(5), 58003.
6. Berman, Y. and Y. Shapira (2017). Revisiting  $r > g$ —The Asymptotic Dynamics of Wealth Inequality. *Physica A* 467, 562–572.
7. Berman, Y. and T. Aste (2016). To What Extent Does Immigration Affect Inequality? *Physica A* 462, 1029–1039.
8. 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.
9. 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.
10. Berman, Y., E. Ben-Jacob, X. Zhang and Y. Shapira (2016).
11. 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.
12. 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.
13. Shapira Y., Y. Berman and E. Ben-Jacob (2014). Modelling the Short Term Herding Behaviour of Stock Markets. *New Journal of Physics* 16, 053040.

## Professional Activities

### Conference Presentations (including scheduled)

- 2021 AEA Annual Meeting, EE2021 conference.
- 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)

- 2021 Tel Aviv University, University of Haifa.
- 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, European Economic Review, Journal of Economic Inequality, Journal of Income Distribution, Journal of the European Economic Association, Management Science, 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