

# JOEL KARIEL

[www.joelkariel.com](http://www.joelkariel.com) | joelkariel@gmail.com

## EDUCATION

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- 2018 - 2022 DPhil ECONOMICS, University of Oxford  
Advisor: Petr Sedláček | Research interests: labour, automation, firms, econometrics
- 2016 - 2018 MPhil ECONOMICS, University of Oxford
- 2015 - 2016 MRes FINANCIAL COMPUTING & ANALYTICS, University College London
- 2011 - 2014 BA ECONOMICS AND MANAGEMENT, University of Oxford

## EXPERIENCE

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- 2023 - **ECONOMICS RESEARCHER** | Competition & Markets Authority
- *Research*: used frontier causal inference methods to evaluate policies, investigated trends in multi-establishment firms and returns to scale, web-scraped text data to analyse the information channel of policy.
  - *Policy*: wrote four policy reports on labour markets, market power, investment and competition, and supply networks. Regularly interacted and communicated complex economic analysis to senior policymakers across government (HM Treasury, DBT, DSIT).
- 2021 - 2023 POSTDOCTORAL RESEARCHER | University of Kent
- Researcher on ESRC-funded project. Produced working papers on market power and returns to scale using UK microdata.
- 2017 - 2021 LECTURER IN ECONOMICS (STIPENDIARY) | University of Oxford

## PUBLICATIONS & WORK IN PROGRESS

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1. Job Creators or Job Killers? Heterogeneous Effects of Industrial Robots on UK Employment – 2021, *LABOUR* (Wiley).
  2. Competition policy and labour market power: new evidence and open questions (with Jakob Schneebacher and Mike Walker) – 2025, *OxREP*
  3. Scale Economies and Aggregate Productivity (with Anthony Savagar) – *Under revision*
  4. How do commuters adapt to pollution pricing? (with Jakob Schneebacher and Fizza Jabbar) – *Working paper*
  5. Multi-Establishment Firms and Aggregate Productivity (with Jakob Schneebacher, Marko Melolinna, Matthew McKernan and Nik Wolf) – *Working paper*
  6. Market Power in the UK (with Anthony Savagar and Kyung In Hwang) – *Working paper*
  7. Firms That Automate: Theory & Evidence – *Working paper*
  8. The Sterling Effect: Evidence of Racial Discrimination in the English Football Labour Market (with Moatazbellah Farid) – *Working paper*

## POLICY REPORTS

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1. Competition and market power in UK labour markets, 2023 – *Microeconomics Unit, CMA report*
  2. The State of UK Competition Report 2024 – *Microeconomics Unit, CMA report*
  3. Investment & competition over the business lifecycle, 2025 – *Microeconomics Unit, CMA report*
  4. Supply chains and market power (forthcoming) – *Microeconomics Unit, CMA report*

## CONFERENCES, SEMINARS & WORKSHOPS

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- 2026 American Economic Association (upcoming)  
2025 LSE/Imperial Environmental Economics workshop, City/CMA workshop, ESCoE EM2025, National Audit Office seminar, CMA-Durham workshop  
2024 Durham seminar, NUBS Applied Micro seminar, RES Annual Conference, KCL/Collège de France Junior Research Day, Low Pay Commission workshop, Liverpool Text-as-Data in Economics workshop, Korean FTC seminar  
NBER Economics of Transportation in the 21st Century (Fall 2024)  
2023 RES Annual Conference, EEA-ESEM, NUBS Applied Micro seminar, Compass Lexecon Economics Conference, KCL/Collège de France Junior Research Day  
2022 RES Annual Conference, SNDE, AMEF, SES, IAAE, CEF, MMF, KCL/Collège de France Junior Research Day, Bank of England  
2021 Kent workshop on Firm Dynamics, RES Annual Conference, RGS Doctoral Conference, EBES, ONS Business Data Conference, Oxford Macro Working Group  
2020 Oxford Macro Working Group  
2019 RES Symposium of Junior Researchers

## ACADEMIC ENGAGEMENT

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- TEACHING: University of Oxford (core macro, econometrics, introductory economics), London School of Economics (computational macro summer school), University of Kent (monetary macro)  
WORKSHOPS: Kent workshop on firm dynamics ([Dec 2021](#), [March 2023](#), [April 2024](#)), CMA-Durham workshop on productivity, dynamism & market power ([Dec 2025](#))  
AWARDS: British Academy/Leverhulme Small Grant (2022), University of Oxford Doctoral Bursary (2018 - 2021)  
SEMINARS: Organised CMA external seminar series, 2023 - 2025  
SUPERVISION: Parimala Putta (Edinburgh, MSc Economics thesis), Al-Amin Parvez (Edinburgh, MSc Economics thesis)  
REFEREEING: Macroeconomic Dynamics, Journal of Productivity Analysis, Economic Systems, ESCoE EM2025, BA/Leverhulme Small Grants

## SKILLS

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- Topics: firm dynamics, labour, market power, productivity, technology adoption  
Technical: causal inference, panel methods, structural modelling, demand estimation  
Programming: R, Python, Matlab, Stata, L<sup>A</sup>T<sub>E</sub>X, Github

## REFERENCES

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- [PETR SEDLÁČEK](#), University of New South Wales  
[ANTHONY SAVAGAR](#), University of Kent  
[JAKOB SCHNEEBACHER](#), IFS/King's College London

- petr.sedlacek@economics.ox.ac.uk  
asavagar@gmail.com  
jakob.schneebacher@kcl.ac.uk