

JOEL KARIEL

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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 five policy reports on labour markets, market power, investment and competition, supply networks, and high-growth firms. 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

- 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: European Economic Review, Oxford Economic Papers, 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 ^A T _E X, Github |

REFERENCES

PETR SEDLÁČEK, University of New South Wales

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ANTHONY SAVAGAR, University of Kent

asavagar@gmail.com

JAKOB SCHNEEBACHER, IFS/King's College London