Maiwand Nangyal

Website: https://maiwandnangyal.github.io/
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Email: mn529@cantab.ac.uk

EDUCATION

- **University of Oxford** — Oxfordshire, United Kingdom
  *DPhil in **Economics**, with full scholarship.* **October 2024 - October 2027**

  Primary Research Interests: Development Economics, Economic History, Political Economy.
  Secondary Research Interests: Applied Econometrics, Machine Learning.

- **University of Oxford** — Oxfordshire, United Kingdom
  *MSc in **Economic & Social History**; with full scholarship.* **October 2023 - August 2024**

- **University of Cambridge** — Cambridgeshire, United Kingdom
  *MPhil in **Economics**; with full scholarship.* **September 2020 - August 2021**

- **University of Exeter** — Devon, United Kingdom
  *BSc in **Economics**; with 18/20 "Firsts" and 3/3 commendations.* **September 2016 - June 2019**

SKILLS SUMMARY

- **Languages**: English (native), Pashto (native), Dari, Urdu and Hindi.
- **Programming**: Stata, R, Julia, SAS (E-Guide, Studio and E-Miner), SQL, Java and Python.
- **Modelling, Visualisation & Tools**: AnyLogic, QGIS, Mathematica, Excel, Word and PowerPoint.
- **Documentation**: LaTeX, Overleaf and R Markdown.

WORKING PAPERS AND PRESENTATIONS

- **The Game of Thorns: Empirically Analysing the Impact of Opium Cultivation on Terrorism within Afghanistan 1994–2017**: with **Dr Ahmad Zia Wahdat.**
- **32nd Annual Graduate Workshop**: Presented MSc dissertation research to the Economic & Social History research group at All Souls College, Oxford (April 2024), with an audience including Professors Sheilagh Ogilvie and Joel Mokyr, and incorporated their feedback into the final dissertation.

EXPERIENCE

- **Data for Afghanistan** — Remote
  Director of Research **Feb 2025 – Present**
  - Collaborating with **Dr Ahmad Zia Wahdat** to compile datasets and visualisations on Afghanistan for empirical research (https://dataforafghanistan.org/posts).

- **UK Civil Service - Department for Work and Pensions** — London, United Kingdom
  Fast Stream Economist **Post-DTA (Senior Executive Officer-equivalent) Sep 2021 - Sep 2023**
  - Led two programme impact evaluations worth £1 billion using propensity score matching on HMRC/DWP microdata (billions of observations).
  - Developed departmental-critical agent-based microsimulation model for around 6 million Universal Credit claimants using AnyLogic/Java.
  - Grade Manager for placement economists: led recruitment, assessment, and professional development.

EXTRA-CURRICULAR ACTIVITIES

- **upReach, SEO & Rare**: Selected for the upReach professional development programme (2016-2019), earning the 'Gold Award.' Former SEO and Rare candidate.
- **Society for Professional Economists**: Member of the Society for Professional Economists between 2022-2025.

REFERENCES

References available upon request; I kindly ask that you contact my referees only with my prior agreement.

Prof Stephen Broadberry	**Dr Eric Chaney**	**Professor Sriya Iyer**
Professor of Economic History	Associate Professor of Economics	Professor of Economics
Department of Economics	Department of Economics	Faculty of Economics
University of Oxford	University of Oxford	University of Cambridge
Email: Contact	Email: Contact	Email: Contact
Profile: View Profile	Profile: View Profile	Profile: View Profile