Maiwand Nangyal

Website: https://maiwandnangyal.github.io/
LinkedIn: https://bit.ly/3auvPvm
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.
- **Methods**: Econometrics, Machine Learning, Natural Language Processing, Agent-based Dynamic Microsimulation Modeling.
- **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.
- Developed department-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