

Education

University of California Berkeley, Berkeley, California, USA <i>PhD in Energy and Resources</i>	Aug 2017 - present
University of California Berkeley, Berkeley, California, USA <i>MS in Energy and Resources</i>	Aug 2015 - Jul 2017
London School of Economics and Political Science, London, UK <i>BSc in Economics and Economic History (First Class Honors)</i>	Sep 2009 - Jun 2012

Work History

Energy Institute at Haas, Berkeley, California, USA <i>Graduate Student Researcher</i>	Jun 2016 - present
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- Work subject areas: utilities, consumer behavioural impacts, policy evaluation
- Research design
- Conducting detailed quantitative econometric analysis
- Big Data and server management

California Public Utilities Commission, San Francisco, California, USA <i>Graduate Student Researcher</i>	Jan 2016 - Jun 2016
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- Work subject areas: energy efficiency, low-income residential programs
- Conducting a diverse array of quantitative and qualitative economic analysis
- Contributing to the formulation and development of policy
- Presenting to senior staff and external stakeholders

Office of Gas and Electricity Markets (Ofgem), Glasgow and London, UK <i>Economist</i>	Jul 2012 - Jul 2015
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- Work subject areas: market monitoring and competition, resource adequacy, gas and electricity wholesale market design, industrial gas demand response.
- Conducted advanced economic analysis, including building and using models
- Contributed to the formulation and development of policy
- Led external industry engagement on a gas demand response auction policy
- Represented Ofgem at regular industry workgroups
- Reviewed consultant tenders and liaised with external consultants
- Led the writing of formal external publications
- Recruited and managed a new member of staff
- Originally hired as an analyst. Promoted after 10 months.

Research

Peer Reviewed Papers

Jarvis, A., Jarvis, S. and Hewitt, N. "Resource acquisition, distribution and end-use efficiencies and the growth of industrial society." *Earth System Dynamics* (2015) <http://www.earth-syst-dynam.net/6/689/2015/esd-6-689-2015.html>

Working Papers

Jarvis, S., Deschenes, O. and Jha, A. "Choosing between environmental ills: a study of the phase-out of nuclear power in Germany"

Jarvis, S. "Global Gridded Electricity: a high spatial resolution dataset of world electricity consumption" (*in review*)

Policy Documents

Ofgem market monitoring reports: “Wholesale Energy Markets in 2015” <https://www.ofgem.gov.uk/publications-and-updates/wholesale-energy-markets-2015>

Ofgem Gas Security of Supply Significant Code Review policy documents: “Demand-side Response Tender Consultation”, “Impact Assessment for Final Policy Decision”, “Conclusions” <https://www.ofgem.gov.uk/gas/wholesale-market/market-efficiency-review-and-reform/gas-significant-code-review-scr>

Scholarships and Awards

QS Quacquarelli Symonds Academic Excellence Scholarship 2015 <http://www.topuniversities.com/student-info/scholarship-winners/qs-academic-excellence-scholarship-2015s-winner>

Programming

R, Stata, Python, GIS

References

References available on request.