

# Fiorella Parra-Mujica

PhD Candidate in Health Economics applying causal inference methods to quantify gendered health effects of environmental shocks.

**Location:** Rotterdam, Netherlands

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## EDUCATION

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- **PhD in Health Economics**, Erasmus University Rotterdam, Netherlands      *Sept. 2022 – Present*
- **MSc in Health Economics (with Distinction)**, University of York, UK      *Sept. 2019 – Sept. 2020*
- **BA in Economics**, Universidad del Pacífico, Peru      *Mar. 2011 – Jul. 2016*

## RESEARCH EXPERIENCE

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- **Researcher**, Health Economics Research Centre, University of Oxford      *Apr. 2021 – Aug. 2022*
  - Conducted econometric and statistical analysis of RCTs and secondary data using Stata and R.
  - Led trial- and model-based health economic evaluations.
  - Supervisors: Prof. Philip Clarke and Dr. Laurence Roope
- **Research Associate**, EQUIPOL Group, University of York      *Sept. 2020 – Mar. 2021*
  - Systematic reviews on health inequality determinants and policy impact evaluation.
  - Managed and analyzed data in R and Stata.
  - Supervisors: Prof. Tim Doran and Prof. Richard Cookson
- **Research Intern**, Centre for Health Economics, University of York      *Jun. 2020 – Sept. 2020*
- **Research Assistant**, Environmental Economics Unit, Universidad del Pacífico      *May 2018 – Aug. 2019*

## PUBLIC HEALTH EXPERIENCE

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- **Consultant**, Pan-American Health Organization      *Jan. 2021 – Apr. 2021*
- **Economic Advisor**, National Institute of Health, Peru      *Aug. 2017 – Nov. 2017*

## PUBLICATIONS

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- **Parra-Mujica, F., & Candio, P. (2024).** *Taking a health economic perspective in monitoring health inequalities: A focus on excess weight. Health Policy*, 148, 105144. <https://doi.org/10.1016/j.healthpol.2024.105144>
- **Parra-Mujica, F., Roope, L. S. J., Abdul-Aziz, A., Mustapha, F., Ng, C. W., Rampal, S., Lim, L.-L., Dakin, H., & Clarke, P. (2024).** *Health poverty among people with type 2 diabetes mellitus (T2DM) in Malaysia. Social Science & Medicine*, 340, 116426. <https://doi.org/10.1016/j.socscimed.2023.116426>
- **Candio, P., Parra-Mujica, F., & Frew, E. (2023).** *Socio-economic accounting of inequalities in excess weight: A population-based analysis. BMC Public Health*, 23(1), 721. <https://doi.org/10.1186/s12889-023-15592-0>

- Chen, T., Reed, H., **Parra-Mujica, F.**, Johnson, E. A., Johnson, M., O'Flaherty, M., Collins, B., & Kypridemos, C. (2023). *Quantifying the mental health and economic impacts of prospective Universal Basic Income schemes among young people in the UK: A microsimulation modelling study*. *BMJ Open*, 13(10), e075831. <https://doi.org/10.1136/bmjopen-2023-075831>
- Cookson, R., Doran, T., Asaria, M., Gupta, I., & **Parra-Mujica, F.** (2021). *The inverse care law re-examined: A global perspective*. *The Lancet*, 397(10276), 828–838. [https://doi.org/10.1016/S0140-6736\(21\)00243-9](https://doi.org/10.1016/S0140-6736(21)00243-9)

## WORKING PAPERS

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- **Parra-Mujica, F.**, van Wijhe M. (2025). *Rising Temperatures and Domestic Violence in Peru: Evidence and Mechanisms* Available upon request.
- **Parra-Mujica, F.**, Robson, M., Cookson, R. (2021). *Socioeconomic Health Inequalities: Differences Between and Within Individuals*. HEDG Working Paper 21/15
- **Parra-Mujica, F.**, Manrique, H., Martinez, V. (2019). *Oil spills and maternal health in indigenous Amazon communities*. Consorcio de Investigacion Economica y Social

## WORK IN PROGRESS

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- **Parra-Mujica, F.**, Van Ourti, T., Bonfrer, I. *El Niño Before Birth: Prenatal Exposure to Climatic Shocks and Birth Outcomes*
- **Parra-Mujica, F.**, Van Ourti, T., Bonfrer, I. *Breathe with caution: The impact of in-utero exposure to air pollution on birth outcomes*
- **Parra-Mujica, F.**, Brindley, C., Candio, P., Bonfrer, I. *Health Poverty and Diabetes risk: A Cross-Country Study in LMICs*

## GRANTS

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- **Erasmus+ KA171 Grant**, 2024 – Mobility project between Erasmus University Rotterdam (NL) and Universidad del Pacífico (Peru). Led by Prof. Igna Bonfrer.
- **CIES/IDRC Research Grant**, 2018 – \$5,000 awarded for research on health effects of oil spills in Amazonian Peru.

## TEACHING

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- **Erasmus University Rotterdam**: Seminar in Health Economics (2023–2025), Global Health Economics (2024–2025)
- **University of Oxford**: Health Economic Evaluation (2021), Cost-effectiveness Analysis (2022)

## CONFERENCES

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European Health Economics Association (Vienna, 2024); iHEA (Cape Town, 2023); Paris School of Economics Workshop in Development Economics (Paris, 2024); Health Economics Study Group (Sheffield, 2022); American-European Health Economics Study Group (Barcelona, 2022)

## COURSES ATTENDED

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- Currently completing the University Delivery Qualification (UTQ) trajectory in the Netherlands
- Machine Learning in Health Economics – Univ. of Lucerne (2024)

- Empirical Policy Evaluation in Health – Univ. of Lucerne (2024)
- Inequality in Health – Univ. of Essex (2021), Summer Workshop on Inequality – LISER (2021)

## SKILLS

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**Software:** R, Stata, QGIS, ~~TEX~~

**Languages:** Spanish (Native), English (Advanced), Italian (Basic)

## REFERENCES

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- **Prof. Tom Van Ourti** — Erasmus University Rotterdam, vanourti@ese.eur.nl
- **Prof. Igna Bonfrer** — Erasmus University Rotterdam, bonfrer@eshpm.eur.nl
- **Prof. Philip Clarke** — University of Oxford, philip.clarke@ndph.ox.ac.uk
- **Prof. Richard Cookson** — University of York, richard.cookson@york.ac.uk