

MARCELLO ANTONINI_{PhD,AFHEA}

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LSE Fellow — Department of Health Policy, LSE

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RESEARCH INTERESTS

Health Economics, Health Policy, Health Behaviours and Preferences, Vaccination policies, Health Insurance Design

EDUCATION

University of Newcastle, Australia PhD in Health Economics, School of Medicine and Public Health	01/2020 - 07/2024
University of Bologna, Italy MSc in Health Economics, Policy and Management, Departement of Economics-DSE	09/2016 - 03/2019
Sapienza University of Rome, Italy B.A. in Economics Science, Faculty of Economics	09/2013 - 03/2016
Murdoch University, Australia Exchange UniBo-Murdoch, Murdoch Business School	01/2018 - 06/2018
University of Hamburg, Germany Erasmus+ Program, Faculty of Economics	09/2017 - 01/2018

ACADEMIC WORK EXPERIENCE

London School of Economics LSE Fellow, Department of Health Policy	12/2023 - present
University of Newcastle Casual Academic, Newcastle Business School Research Assistant, Newcastle Business School	09/2020 - 11/2023

PUBLIC SECTOR WORK EXPERIENCE

Ministry of Health, Chile Economic Advisor in the Advisory Team to the Ministry of Health on Health Insurance and Financing Reform, Government of Chile	08/2018 - 07/2019
Fondo Nacional de Salud, Chile Intern, Government of Chile	08/2018 - 12/2018

INDUSTRY ENGAGEMENT/INDEPENDENT CONSULTING

Ministry of Health, Chile Economic Advisor in the Advisory Team to the Ministry of Health on Health Insurance and Financing Reform, Government of Chile	08/2018 - 07/2019
Value in Health Economics and Policy (VheP) Independent consultant in a team led by Professor Francesco Paolucci, engaged by Professor Henry Ergas and associates, to collaborate on the drafting of a report on the COVID-19 impact at international level commissioned by the Menzies School of Health Research	03/2020 - 04/2020

PROJECTS

The Vaccine Preference (VaxPref) Project

11/2020 - present

A global internet-based survey in 22 countries that explores population preferences for vaccines and related policy restrictions in the event of future pandemic (*Co-founder and Chief-Investigator*)

The interplay between global health policy and vaccination strategies in the shift towards COVID-19 endemicity

10/2022 - 02/2024

Special Issue launched by Health Policy and Technology to inform future policymaking during a pandemic outbreak and pandemic preparedness plans (*Guest-Editor*)

PEER-REVIEWED PUBLICATIONS

Journal Articles

Antonini, M., Fouda, A., Hinwood, M., Melia, A., & Paolucci, F. (2024). **The interplay between global health policy and vaccination strategies in the shift towards COVID-19 endemicity.** *Health Policy and Technology*, 13(1), 100854. <https://doi.org/https://doi.org/10.1016/j.hlpt.2024.100854>

Antonini, M., Genie, M. G., Attema, A. E., Attwell, K., Balogh, Z. J., Behmane, D., Berardi, C., Brammli-Greenberg, S., Greenland, A., Hagen, T. P., Hinwood, M., James, C., Kellner, A., Kelly, B., Murauskienė, L., McGregor, N., Melegaro, A., Moy, N., Sequeira, A. R., ... Paolucci, F. (2024). **Public preferences for vaccination campaigns in the COVID-19 endemic phase: insights from the VaxPref database.** *Health Policy and Technology*, 13(1), 100849. <https://doi.org/https://doi.org/10.1016/j.hlpt.2024.100849>

Arija Prieto, P., Antonini, M., Ammi, M., Genie, M., & Paolucci, F. (2024). **Political determinants of COVID-19 restrictions and vaccine rollouts: The case of regional elections in Italy and Spain.** *Health Policy*, 145, 105082. <https://doi.org/https://doi.org/10.1016/j.healthpol.2024.105082>

Berardi, C., Antonini, M., Jordan, Z., Wechtler, H., Paolucci, F., & Hinwood, M. (2024). **Barriers and facilitators to the implementation of digital technologies in mental health systems: a qualitative systematic review to inform a policy framework.** *BMC health services research*, 24(1), 243. <https://doi.org/https://doi.org/10.1186/s12913-023-10536-1>

Moy, N., Antonini, M., Kyhlstedt, M., Fiorentini, G., & Paolucci, F. (2023). **Standardising policy and technology responses in the immediate aftermath of a pandemic: a comparative and conceptual framework.** *Health Research Policy and Systems*, 21(1), 1–20. <https://doi.org/https://doi.org/10.1186/s12961-022-00951-x>

Antonini, M., Eid, M. A., Falkenbach, M., Rosenbluth, S. T., Prieto, P. A., Brammli-Greenberg, S., McMeekin, P., & Paolucci, F. (2022). **An analysis of the COVID-19 vaccination campaigns in France, Israel, Italy and Spain and their impact on health and economic outcomes.** *Health Policy and Technology*, 11(2), 100594. <https://doi.org/https://doi.org/10.1016/j.hlpt.2021.100594>

Antonini, M., Hinwood, M., Paolucci, F., & Balogh, Z. J. (2022). **The epidemiology of major trauma during the first wave of COVID-19 movement restriction policies: a systematic review and meta-analysis of observational studies.** *World journal of surgery*, 1–16. <https://doi.org/https://doi.org/10.1007/s00268-022-06625-7>

Antonini, M., van Kleef, R., Henriquez, J., & Paolucci, F. (2021). **Can risk rating increase the ability of voluntary deductibles to reduce moral hazard?** *The Geneva Papers on Risk and Insurance-Issues and Practice*, 1–27. <https://doi.org/https://doi.org/10.1057/s41288-021-00253-3>

Berardi, C., Antonini, M., Genie, M. G., Cotugno, G., Lanteri, A., Melia, A., & Paolucci, F. (2020). **The COVID-19 pandemic in Italy: Policy and technology impact on health and non-health outcomes.** *Health Policy and Technology*, 9(4), 454–487. <https://doi.org/https://doi.org/10.1016/j.hlpt.2020.08.019>

POLICY REPORTS

- 2020 World COVID-19 Report Experience, VheP
- 2019 Using the cluster analysis to predict the individual choice toward deductibles, Ministry of Health, Chile
- 2018 Predicting health expenditure in hospital facilities, Fondo Nacional de Salud, Chile

CONFERENCES, SEMINARS, AND WEBINARS

- 2024 **Invited speaker** at the Centre for Health Economics and Policy Innovation (CEPI), internal seminar. Imperial College London.
Discussant at the European Health Policy Group (EHPG) Autumn meeting. London School of Economics.
Presenter and session organizer at the 2024 European Health Economics (EuHEA) Conference. Vienna University of Economics and Business.
Presenter at the European Health Policy Group (EHPG) Spring meeting. Technische Universität Berlin.
- 2023 **Presenter** at the AIES (Italian Health Economics Association) Annual Conference. Sapienza University of Rome.
Presenter and session organizer at the 2023 International Health Economics Association (IHEA) Congress. University of Cape Town.
Presenter at the 14th Meeting of the International Academy of Health Preference Research (IAHPR). Macquarie University.
Presenter at the European Health Policy Group (EHPG) Summer meeting. Bocconi University
Presenter at the European Health Management Association (EHMA) meeting. Università Cattolica del Sacro Cuore.
- 2022 **Invited speaker** at the COSSI Knowledge Exchange Meeting (Australian National Centre For Immunisation Research and Surveillance). Online.
Invited speaker at the PhD talks organised by Value In Health Economics and Policy Group (VheP).
- 2021 **Presenter** at the AIES (Italian Health Economics Association) Annual Conference. Messina University.
Presenter at the Annual Conference (RSA) of the Italian Economic Association (SIE). Online.
Presenter at the 2021 International Health Economics Association (IHEA) Congress. Online.
Invited speaker at the seminar organised by the Italian Embassy in Brazil. “La collaborazione scientifica Italia-Brasile durante il COVID-19”.
Invited speaker at the “Healthcare Data Analytics and Economics Webinar Series” organised by the Value In Health Economics and Policy Group (VheP).
- 2020 **Presenter** at the Webinar Series “COVID-19: new norms and learnings”. Management Center Innsbruck & VheP. Online.

RESEARCH GRANTS

- 2023 **HMRI Seed Grant Scheme** - ‘Equity Research Program’ - \$AUD 20,109.
HMRI Small Grant Scheme - ‘Equity in Health & Wellbeing Research Program’ - \$AUD 4,500.
- 2022 **Additional HDR Support Funds round**, School of Medicine and Public Health, University of Newcastle – Research project: “Public preferences, trade-offs and hesitancy for the COVID-19 vaccines in India” \$AUD 5,000
Vice Chancellor’s 2022 Seed Funding Round, Murdoch University – Research project: “Eliciting public preferences towards COVID-19 vaccines: is there a trade-off between carrots, sticks and blinders vis a vis hesitancy?” \$AUD 10,000

MEDIA

- COVID-19 crisis management fodder for political gamers. Independent Australia.
- COVID. Perché è importante continuare a garantire la disponibilità dei dati giornalieri. Quotidiano Sanità’.
- Why the Coalition must fund COVID treatment for the unvaccinated. Independent Australia.
- Unilateral action won’t work: World must collaborate on COVID-19 vaccines. Independent Australia.
- Reasons behind Europe’s covid-19 second wave inconsistencies. Independent Australia.
- A \$200 fine for not wearing a mask is fair, as long as free masks go to those in need. The Conversation.
- Il pendolo del Covid-19, tra salute pubblica ed economia. Quotidiano Sanità.
- Lessons Australia can learn from Italy’s COVID-19 exit strategies.. Independent Australia.
- Le regioni in ordine sparso nella lotta al Covid. Quotidiano Sanità.
- How coronavirus crippled Italy. Independent Australia.

TEACHING

LSE Health Policy Department, London School of Economics 12/2023 - present
MSc

Economic Analysis for Health Policy in LMIC (Course Convenor: Miqdad Asaria)

Individual Evaluations (5=best): 4.8 (2024)

Statistical Methods in Health Care Economic Evaluation (Course Convenor: Ranjeeta Thomas)

Individual Evaluations (5=best): 4.8 (2024)

Executive

Financing Health Care (Course Convenor: George Wharton)

Individual Evaluations (5=best): 4.8 (2023)

Newcastle Business School, University of Newcastle 08/2020 - 11/2023
MSc

Health Economics and Finance (Course Convenor: Francesco Paolucci)

Individual Evaluations (5=best): 4.7 (2023) 4.5 (2022) 4.5 (2021)

Applied Economic Evaluation in Health care

Individual Evaluations (5=best): 4.8 (2023)

Health Plan Design and Payments (Course Convenor: Francesco Paolucci)

Individual Evaluations (5=best): 5.0 (2022)

Health Systems, Policy and Governance (Course Convenor: Francesco Paolucci)

Individual Evaluations (5=best): 4.0 (2022)

Executive

Health Economics and Finance - NSW Regional partners (Course Convenor: Francesco Paolucci)

Individual Evaluations (5=best): 4.0 (2021)

BSc

Introduction to Health Economics and Financing

Individual Evaluations (5=best): 4.2 (2023)

Invited Lecturer

2020 - present

London School of Economics - Graduate Level Course on Financing Health Care System (2022) –

Introduction to the Italian healthcare financing system

Sapienza University of Rome – Health Econometrics course (2022)

Management Center Innsbruck (MCI—The Entrepreneurial School®) – EU-HEM Program (2020)

University of Bologna – HEMAP programme (2020)

Supervision

2020 - present

Master Theses (Total: 3; Health Economics, Management and Policy (2); Sociology of Health and Health care (1))

ADDITIONAL TRAINING

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| 2020-23 | Academic Career Preparation program - University of Newcastle |
| 2022 | Online Course 'Inequalities in Health and Healthcare' with Prof. Owen O'Donnel and Prof. Tom Van Ourti, Summer School of the Tinbergen Institute Graduate School, co-organized by the Health Economics Group of the Erasmus School of Economics, Erasmus University Rotterdam (Course level: Advanced/PhD level). |
| 2021 | Behavioural Modelling Online Course with Prof. Michiel Bliemer and Prof. Stephane Hess, hosted by SurveyEngine (Course level: Advanced/PhD level). |

AWARDS, SCHOLARSHIPS, AND OTHER ACTIVITIES

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| 2022-24 | High-Quality Journal Incentive Program (4x), University of Newcastle. Total prize \$AUD 1,600 |
| 2023 | Best Presentation Prize in the Clinical Care, Health Behaviour, or Implementation science field - HDR Festival, University of Newcastle |
| 2022 | Ambassador at the Health Economics and Management Ambassadors day organised by the University of Bologna (HEMAP programme) |
| 2020 | Vice-Chancellor's PhD Training Priority Scheme Scholarship (3.5 years) |
| 2017 | ERASMUS Mobility Grant (€ 1,500) |

REFEREEING

Health Policy and Technology (12x), Health Policy (3x), Journal of Public Health, Health Research Policy and Systems, Vaccine (2x), Social Science and Medicine, Value in Health, Health Economics, Policy and Law, The B.E. Journal of Economic Analysis and Policy, Frontiers in Public Health, Epidemiology and Infection, BMC Medical Ethics (1x).

SKILLS

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| Languages | Fluent in Italian (native) and English, intermediate in Spanish |
| Software & Tools | Stata, MS Office, Ngene, Covidence, RevMan, Blackboard, Canvas, L ^A T _E X, R (basic) |