

Marcello Antonini MSc, AFHEA

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Academic qualifications

Jan 2020 – present	PhD candidate in Health Economics , School of Medicine and Public Health, University of Newcastle, Australia <ul style="list-style-type: none">PhD Thesis: “The Economics of a Pandemic: Understanding Institutional and Regulatory Responses, Behaviours and Public Preferences and Decision-Making Trade-Offs of COVID-19”Co-founder and Chief-Investigator of the international project on COVID-19 vaccines preferences (total funding raised \$AUD 285,000)
Jul 2023 – present	Associate Fellowship Advance HE
Sept 2016 – Mar 2019	MSc in Health Economics & Management , University of Bologna, Italy <ul style="list-style-type: none">Semester Abroad at Murdoch University, Perth, Australia (Summer Semester 2018)Erasmus+ Program at University of Hamburg, Germany (Winter Semester 2017/18)
Sept 2013 – Sept 2016	B.A. in Economics Science , Sapienza University of Rome, Italy

Professional appointments

Dec 2023 – Present	LSE Fellow , The London School of Economics and Political Science <ul style="list-style-type: none">Lecturing and teaching support for the postgraduate courses offered by the Health Policy Department
Sept 2020 – Nov 2023	Casual Academic , University of Newcastle (AU) <ul style="list-style-type: none">Course design and online development, teaching material preparation for the postgraduate courses: GSBS6380 - Health Economics and Finance and GSBS6381- Health Plan Design and PaymentsCoordination, lecturing and marking for the postgraduate courses: GSBS6380-Health Economics and Finance and GSBS6381- Health Plan Design and Payments; GSBS6382 -Applied Health Economic Evaluation, GSBS6383-Health Systems, Policy and Governance Coordination, lecturing and marking for the Online Executive Education Program – Embedded Economists Health Economics for NSW Regional Partners (Mar – Jun 2021)
Aug 2018 – July 2019	Economic Advisor to the Ministry of Health on Health Insurance and Financing Reform, Government of Chile <ul style="list-style-type: none">Development of an economic model to simulate the level of the premiums under the reform project of the health insurance marketPolicy evaluation of the Chilean health insurance market and economic evaluation of the current risk equalization systemPreparation of policy reports informing political groups
Aug – Dec 2018	Intern at the Fondo Nacional de Salud, Government of Chile <ul style="list-style-type: none">Statistical analysis of patients' length of stays in public hospital facilities (years: 2016; 2017; 2018)Development of a predictive model for the future length of stays in public hospitals

Industry engagement/Independent consulting

Mar 2023 - Present	Responsible for the health economics analysis for the Enhanced Care Program on the Wellbeing of Patients with Acute Decompensated Heart Failure clinical trial, engaged by Laureate Professor Robert Sanson-Fisher.
Mar – Apr 2020	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.

Peer-reviewed publications

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1. N. Moy, M. **Antonini, M.** Kuhlstedt, G. Fiorentini, and F. Paolucci, Standardising policy and technology responses in the immediate aftermath of a pandemic: A comparative and conceptual framework, *Health Research Policy and Systems*, vol. 21, no.1, pp.1–20, 2023. doi: <https://doi.org/10.1186/s12961-022-00951-x>
 2. **Antonini, M.**, Hinwood, M., Paolucci, F. and Balogh, Z. J.. 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 J Surg* (2022). <https://doi.org/10.1007/s00268-022-06625-7>
 3. **Antonini, M.**, Eid, M. A., Falkenbach, M., Rosenbluth, S. T., Prieto, P. A., Brammli-Greenberg, S., ... & Paolucci, F. (2021). 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*, 100594. <https://doi.org/10.1016/j.hlpt.2021.100594>
 4. **Antonini, M.**, van Kleef, R.C., Henriquez, J. Paolucci, F. (2021) Can risk rating increase the ability of voluntary deductibles to reduce moral hazard?. *Geneva Pap Risk Insur Issues Pract.* <https://doi.org/10.1057/s41288-021-00253-3>
 5. Berardi, C., **Antonini, M.**, and Genie MG et al., (2020). The COVID-19 pandemic in Italy: Policy and technology impact on health and non-health outcomes, *Health Policy and Technology*, <https://doi.org/10.1016/j.hlpt.2020.08.019> *(Among the [most cited articles](#) from *Health Policy and Technology* published since 2018, extracted from Scopus)

Under Review or Revised and Resubmitted

- Prieto, P. A, **Antonini, M.**, Ammi, M., Genie, M., Paolucci, F.. Political determinants of COVID-19 restrictions and vaccine rollouts: the case of regional elections in Italy and Spain. (*Under review*)
- Berardi, C., **Antonini, M.**, Jordan, Z., Wechtler, H., Paolucci, F., Hinwood, M. Barriers and facilitators to the implementation of digital technologies in mental health systems: a qualitative systematic review to inform a policy framework (*Under review*)
- **Antonini, M.**, Mesfin, G., Attema, A., Behmane, D., Berardi, C., Brammli-Greenberg, S., et al., What drives human behaviour for vaccination and policy restrictions globally: a novel database of stated choice survey in 6 continents (*Under review*)
- **Antonini, M.**, Mesfin, G., Attema, A. Torbica, A, Melegaro, A., Berardi, C., et al., Unveiling Vaccine Attitudes and Societal Restrictions in the Global COVID-19 Endemic Landscape. (*Under review*)

Working Papers

- Mesfin, G., **Antonini, M.**, Paolucci, F. My body is a temple: Moral purity and COVID-19 vaccine hesitancy
- Attema, A., **Antonini, M.**, Mesfin, G., Paolucci, F. Time preferences and COVID-19 vaccination hesitancy
- **Antonini, M.**, van Kleef, R.C., Henriquez, J., Paolucci, F. The price of community rating in a social health insurance market

Policy reports

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

Conference, Seminars & Webinar

2023

- Presenter at the 2023 AIES Congress – paper presented: “My body is a temple: Moral purity and COVID-19 vaccine hesitancy”. December 2023.
- **Presenter and session organizer** at the 2023 IHEA Congress. Session title: “The Economics of Hesitancy, Behaviors and Preferences Towards Vaccination and Policy Stringency: Results from a Standardised Stated Choice Survey on 21-Countries”. July 2023. Papers presented: “Time preferences and COVID-19 vaccination hesitancy”; “My body is a temple”: Moral purity and COVID-19 vaccine hesitancy”
- **Presenter** at the 14th Meeting of the International Academy of Health Preference Research, June 2023. Paper presented: “Vaccines or lockdowns? The role of global preference assessment in informing public health policy”. Abstract: <https://doi.org/10.1007/s40271-023-00636-9>
- **Presenter** at the EHPG meeting (July 2023) – paper presented: “VaxChoice Dilemma: Navigating Vaccine Hesitancy and Societal Restrictions in the Global COVID-19 Endemic Landscape”
- **Presenter** at the EHMA 2023 Annual Conference, June 2023. Papers presented: “Vaccines or lockdowns? The role of global preference assessment in informing public health policy”, “Barriers and facilitators to the implementation of digital technologies in mental health systems: a qualitative systematic review to inform a policy framework“

2022

- **Invited speaker** at the COSSI Knowledge Exchange Meeting (Australian National Centre For Immunisation Research and Surveillance). Topic discussed: “COVID-19 vaccination campaigns: what lessons Australia can learn from abroad to inform future policies?” March 2022
- **Invited speaker** at PhD talks by VheP. Topic discussed: “Covid-19 Healthcare System Policy Responses and Vaccine Roll-out Strategies”. February 2022

2021

- **Presenter** at XXVI AIES Annual Conference. Paper submitted and presented: “Standardising policy and technology responses in the immediate aftermath of a pandemic: a comparative and conceptual framework”. December 2021

- **Presenter** at the 62nd Annual Conference Italian Economic Association. Paper submitted and presented: “Can Risk Rating Increase the Ability of Voluntary Deductibles to Reduce Moral Hazard?”. October 2021
- **Presenter** at the 2021 IHEA World Congress. Paper submitted and presented: “Can Risk Rating Increase the Ability of Voluntary Deductibles to Reduce Moral Hazard?”. June 2021
- **Invited speaker** at the seminar organised by the Italian Embassy in Brasil. “La collaborazione scientifica Italia-Brasile durante il COVID-19”. March 2021.
- **Invited speaker** at the webinar organised by the Value in Health Economics and Policy Group. “Healthcare Data Analytics and Economics Webinar Series”. February 2021

2020

- **Invited speaker** at MCI-VheP Webinar Series “Covid-19: new norms and learnings” Webinar 2: “Health policy and technology responses in the making: lessons from Europe, North America and Australia” (06 Nov 2020)

Media

- [COVID-19 crisis management fodder for political gamers](#). 13 Nov 2022, Independent Australia
- [Covid. Perché è importante continuare a garantire la disponibilità dei dati giornalieri](#). 3 Nov 2022, Quotidiano Sanità'
- [Why the Coalition must fund COVID treatment for the unvaccinated](#). 5 Dec 2021, Independent Australia
- [Unilateral action won't work: World must collaborate on COVID-19 vaccines](#). 4 Jun 2021, Independent Australia
- [Reasons behind Europe's covid-19 second wave inconsistencies](#). 23 Oct 2020, Independent Australia
- [A \\$200 fine for not wearing a mask is fair, as long as free masks go to those in need](#). 22 July 2020, The Conversation
- [Il pendolo del Covid-19, tra salute pubblica ed economia](#). 21 May 2020, Quotidiano Sanità
- [Lessons Australia can learn from Italy's COVID-19 exit strategies](#). 7 May 2020, Independent Australia
- [Le regioni in ordine sparso nella lotta al Covid](#). 4 May 2020, Quotidiano Sanità
- [How coronavirus crippled Italy](#), 5 April 2020, Independent Australia

Other Scientific/Professional Activities

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| 2023 | <p>Executive Guest Editor</p> <ul style="list-style-type: none"> • Special issue on Covid-19 “Global Health Policies And Vaccination Strategies In The Endemic Phase” launched by Health Policy and Technology |
| 2019 – present | <p>Referee</p> <ul style="list-style-type: none"> • The B.E. Journal of Economic Analysis and Policy (1x), Health Policy (1x), Value in Health (1x), Vaccine (1x), Health Policy and Technology (10x), Frontiers (1x), Epidemiology and Infection (1x), BMC Medical Ethics (1x) |
| 2020 – present | <p>Co-supervisor of postgraduate students thesis</p> <ul style="list-style-type: none"> • 3 students (completed) |
| 2020 – present | <p>Invited Lecturer</p> <ul style="list-style-type: none"> • 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) |
| 2022 | <p>Ambassador at the Health Economics and Management Ambassadors day organised by the University of Bologna (HEMAP programme)</p> |

Research Grants

- 2023 HMRI Seed Grant Scheme- ‘Equity Research Program’ - \$AUD 20,109 (2023)
- 2023 Small Grant Scheme offered by the HMRI Equity in Health & Wellbeing Research Program - \$AUD 4,500
- 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? \$AUD10,000

Awards

- Recipient of the Australian Government Research Training Program Scholarships – Vice-Chancellor’s PhD Training Priority Scheme (3.5 years)
- University of Newcastle High Quality Journal Incentive Program (2x) – Total prize (\$AUD 1,200)

Additional Training

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- Online Course '*Inequalities in Health and Healthcare*', 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). June 27 - July 1, 2022
 - Behavioural Modelling Online Course with Prof. Michiel Bliemer and Prof. Stephane Hess, hosted by SurveyEngine (Course level: Advanced/PhD level). November 2-18, 2021
 - Academic Career Preparation program - University of Newcastle (2020-2023)
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Software & Digital Competences

- Advanced knowledge of Stata statistical package, basic knowledge of R
 - Advanced knowledge of Microsoft Office package
 - Advanced knowledge of learning management systems (Blackboard, Canvas)
 - Advanced knowledge of Ngene software to design stated choice experiments
 - Advanced knowledge of Covidence and RevMan software for systematic reviews
 - Basic knowledge of LaTeX
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Languages

Fluent in Italian (native) and English, intermediate in Spanish
