

Mesfin Genie, PhD

mesfin.genie@newcastle.edu.au

mesfingenie.com

ORCID: 0000-0002-1744-4666

Google Scholar

Senior Lecturer in Health Economics

Newcastle Business School, The University of Newcastle, Australia

Profile

Health economist specialising in health preference research, discrete choice experiments, behavioural decision science, eye tracking, vaccination policy and applied economic evaluation. My work examines how patients and the public value healthcare, process complex information and respond to policy interventions.

Academic appointments

Senior Lecturer in Health Economics The University of Newcastle, Newcastle Business School	2026–present Australia
Lecturer in Health Economics The University of Newcastle, Newcastle Business School	2023–2025 Australia
Health Measurement and Regulatory Science Fellow Duke University, Department of Population Health Sciences (concurrent)	2023–2024 United States
Postdoctoral Research Fellow Auburn University, Harrison College of Pharmacy	2022–2023 United States
Research Fellow University of Aberdeen, Health Economics Research Unit	2020–2022 United Kingdom
Postdoctoral Research Fellow Ca' Foscari University of Venice, Department of Economics	2019–2020 Italy

Education

PhD in Economics Ca' Foscari University of Venice	2019 Italy
MSc in Health Economics and Management University of Bologna	2025 Italy
MSc in Economics Addis Ababa University	2010 Ethiopia
BA in Economics Jimma University	2006 Ethiopia

Selected funded programmes

MandEval: Effectiveness and Consequences of Australia's COVID-19 Vaccine Mandates Medical Research Future Fund (MRF2019107). Total programme value A\$4,754,183.37; University of Newcastle component A\$808,440. University of Newcastle lead and investigator. Grant record .	2023–2026
Scaling Field Epidemiology Training Programs in India World Bank, A\$416,000. Lead, University of Newcastle project team. University record .	2025

Research areas

Health preferences and choice modelling; behavioural decision science; eye tracking and information processing; vaccination and public-health policy; economic evaluation.

Teaching and supervision

Course coordination and teaching: ECON2112 Health Economics and Finance; ECON3111 Behavioural Economics; ECON3011 Health Economics and Finance. Research supervision spans telehealth, health preferences, vaccine policy, climate change and applied economic evaluation.

Professional service

Guest Editor, *Health Policy and Technology*. Reviewer for journals including *Journal of Health Economics*, *Health Economics*, *Value in Health*, *Social Science & Medicine*, *Journal of Choice Modelling*, *Theory and Decision* and *BMJ Open*.

Research tools

eMANDEVAL Future — developer; interactive vaccine-mandate policy evaluation. [Launch](#).

SOIL CRC Benefit-Cost Analysis Tool — project lead and publisher: Dr Frank Wogbe Agbola; developer: Mesfin Genie. [Launch](#).

Publications and research outputs

Peer-reviewed journal articles

2026

An Open Repository of COVID-19 Vaccine Mandate Studies with a Worked Scoping Review of Quasi-experimental Evidence

Fabio I. Martinenghi; Tushar P. Ojha; Anaïs Thomasson; Bianca Devsam; Sarah Drislane; Stavros Vasiliadis; Chiara Berardi; Aregawi Gebremariam; Arianna Dipalma; Teresa Gavaruzzi; Jeremy K. Ward; Francesco Paolucci; Margie Danchin; **Mesfin Genie**; Katie Attwell; Christopher C. Blyth

npj Vaccines, 11, 01454. **Published**. [doi:10.1038/s41541-026-01454-4](https://doi.org/10.1038/s41541-026-01454-4)

Community First or My Body First? Moral Values and Vaccine Mandate Preferences

Mesfin Genie; Fabio I. Martinenghi; Francesco Paolucci; Jonathan Lake; Katie Attwell; Christopher C. Blyth; Margie Danchin; Teresa Gavaruzzi; Udo Evers

Australian and New Zealand Journal of Public Health, 50, 100496. **Published**. [doi:10.1016/j.anzjph.2026.100496](https://doi.org/10.1016/j.anzjph.2026.100496)

Feeling Lonely? Preferences for Support Programmes to Reduce Loneliness among Older Adults in Australia: A Discrete Choice Experiment

Mesfin G. Genie; Allison W. Boyes; Francesco Paolucci

Health Policy, 167, 105587. **Published**. [doi:10.1016/j.healthpol.2026.105587](https://doi.org/10.1016/j.healthpol.2026.105587)

Fit for Purpose? Assessing the Robustness of Discrete Choice Experiment Designs in the Context of Evolving Health Technologies

Mesfin G. Genie; Verity Watson; Michaël Schwarzinger; Stéphane Luchini

Social Science & Medicine, 404, 119463. **Published**. [doi:10.1016/j.socscimed.2026.119463](https://doi.org/10.1016/j.socscimed.2026.119463)

Guidance or Misdirection? Unpacking the Role of Feedback in Health Preference Assessments

Mesfin G. Genie; Shelby D. Reed; Semra Ozdemir

Health Economics, 35, 910–928. **Published**. [doi:10.1002/hec.70093](https://doi.org/10.1002/hec.70093)

Immigration and Preventive Care Utilization in Europe: Evidence from Retrospective Data

Raluca Elena Buia; **Mesfin Genie**; Cristina Elisa Orso; Giacomo Pasini

Empirical Economics, 70. **Published**. [doi:10.1007/s00181-026-02928-z](https://doi.org/10.1007/s00181-026-02928-z)

Jabs and Lockdowns: Public Preferences for Vaccination Programmes in Chile

Stefano Bruzzo-Gallardo; Josefa Henriquez; **Mesfin G. Genie**

Health Policy and Technology, 15, 101196. **Published**. [doi:10.1016/j.hlpt.2026.101196](https://doi.org/10.1016/j.hlpt.2026.101196)

Jabs or Societal Restrictions? Public Preferences for Vaccination Programmes in South Africa

Aregawi G. Gebremariam; **Mesfin G. Genie**; Beidemaryam Wondwosen Admasu; D. Abegaz; J. G. Gatua; Surachat Ngorsuraches; Francesco Paolucci

Health Policy and Technology, 15, 101195. Published. doi:10.1016/j.hlpt.2026.101195

No Jab, No Access? Preferences for Vaccine Mandates in Europe and Australia

Mesfin Genie; Fabio I. Martinenghi; Francesco Paolucci; Jonathan Lake; Katie Attwell; Christopher C. Blyth; Jessica Kaufman; Margie Danchin; Jeremy K. Ward; Teresa Gavaruzzi

Australian and New Zealand Journal of Public Health, 50, 100450. Published. doi:10.1016/j.anzjph.2026.100450

Priority for Self or Others? Incorporating Equity Considerations in a Preference-Based Health Value Assessment

Mesfin G. Genie; Surachat Ngorsuraches

Value in Health, 29, 467–475. Published. doi:10.1016/j.jval.2025.10.011

Shots or Shutdowns? Public Preferences for COVID-19 Vaccines and Societal Restrictions in the US

Ibrahim Alfayoumi; **Mesfin G. Genie**; Surachat Ngorsuraches

Health Policy and Technology, 15, 101152. Published. doi:10.1016/j.hlpt.2025.101152

Time Preferences and COVID-19 Vaccination Uptake

Arthur E. Attema; Marcello Antonini; **Mesfin Genie**; Aleksandra Torbica; Francesco Paolucci

The European Journal of Health Economics, 27, 47–63. Published. doi:10.1007/s10198-025-01801-7

Understanding Vaccine Acceptance through Construal-Level Theory of Psychological Distance: Evidence from Singapore and South Korea

Yevgen Bogodistov; **Mesfin Genie**; Ayman Fouda

Health Policy and Technology, 15, 101148. Published. doi:10.1016/j.hlpt.2025.101148

Vaccination Policies and Hesitancy: Preferences, Trade-offs and Future Challenges

Chiara Berardi; Ayman Fouda; **Mesfin Genie**; Aleksandra Torbica

Health Policy and Technology, 15, 101246. Published. doi:10.1016/j.hlpt.2026.101246

Vaccine Uptake in the Context of Mandate Announcement and Removal: Evidence from Europe and North America

Aregawi G. Gebremariam; **Mesfin Genie**; Huong Le; Annette K. Regan; Frank H. Beard; Kristine Macartney; Francesco Paolucci; Hannah C. Moore; Katie Attwell; Christopher C. Blyth

Vaccine, 88, 128825. Published. doi:10.1016/j.vaccine.2026.128825

2025

Are We Ready for the Next Pandemic? Public Preferences and Trade-offs between Vaccine Characteristics and Societal Restrictions across 21 Countries

Marcello Antonini; **Mesfin G. Genie**; Katie Attwell; Arthur E. Attema; Jeremy K. Ward; Alessia Melegaro; Aleksandra Torbica; Brian Kelly; Chiara Berardi; Ana Rita Sequeira; N. McGregor; A. Kellner; Shuli Brammli-Greenberg; Madeleine Hinwood; L. Murauskienė; Daiga Behmane; Zsolt J. Balogh; Terje P. Hagen; Francesco Paolucci

Social Science & Medicine, 366, 117687. Published. doi:10.1016/j.socscimed.2025.117687

Democracy, Trust, and Political Orientation: Disentangling Mechanisms Shaping Individuals' Vaccine Attitudes

Mesfin Genie

Journal of Health Politics, Policy and Law. Published. doi:10.1215/03616878-12166725

Impact of Vaccine Mandates and Removals on COVID-19 Vaccine Uptake in Australia and International Comparators: A Study Protocol

Aregawi G. Gebremariam; **Mesfin Genie**; Huong Le; Katie Attwell; Bette Liu; Annette K. Regan; Frank H. Beard; Kristine Macartney; Francesco Paolucci; Hannah C. Moore; Christopher C. Blyth

BMJ Open, 15, e097412. Published. doi:10.1136/bmjopen-2024-097412

Important Continuous Glucose Monitoring Attributes for Patients with Type 2 Diabetes

Tim C. Lai; Heather P. Whitley; **Mesfin Genie**; Robert H. Eckel; Surachat Ngorsuraches

Clinical Diabetes, 43, 670–680. Published. doi:10.2337/cd25-0047

Patients' Preferences for Cytoreductive Treatments in Newly Diagnosed Metastatic Prostate Cancer: The IP5-MATTER Study

Martin J. Connor; **Mesfin Genie**; Tim Dudderidge; Hangjian Wu; Johanna Sukumar; Mark Beresford; Diletta Bianchini; C. Goh; G. Horan; P. Innominato; V. Khoo; N. Klimowska-Nassar; S. Madaan; S. Mangar; S. McCracken; P. Ostler; S. Paisey; A. Robinson; B. Rai; N. Sarwar; N. Srihari; K. T. Jayaprakash; M. Varughese; M. Winkler; Hashim U. Ahmed; Verity Watson

European Urology Oncology, 8, 663–673. Published. doi:10.1016/j.euo.2024.06.010

2024

Choice Consistency in Discrete Choice Experiments: Does Numeracy Skill Matter?

Mesfin G. Genie; Nabin Poudel; Francesco Paolucci; Surachat Ngorsuraches

Value in Health, 27, 1594–1604. Published. doi:10.1016/j.jval.2024.07.001

Doctor of Pharmacy Students' Preferences for the Attributes of a Pharmacoeconomics Workshop: A Discrete Choice Experiment

Surachat Ngorsuraches; **Mesfin Genie**; Anna Solomon

American Journal of Pharmaceutical Education, 88, 101089. Published. doi:10.1016/j.ajpe.2024.101089

Political Determinants of COVID-19 Restrictions and Vaccine Rollouts: The Case of Regional Elections in Italy and Spain

Pablo Arijia Prieto; Marcello Antonini; Mehdi Ammi; **Mesfin Genie**; Francesco Paolucci

Health Policy, 145, 105082. Published. doi:10.1016/j.healthpol.2024.105082

Public Preferences for Vaccination Campaigns in the COVID-19 Endemic Phase: Insights from the VaxPref Database

Marcello Antonini; **Mesfin G. Genie**; Arthur E. Attema; Katie Atwell; Zsolt J. Balogh; Daiga Behmane; Chiara Berardi; Shuli Brammli-Greenberg; Andrew Greenland; Terje P. Hagen; Madeleine Hinwood; C. James; A. Kellner; Brian Kelly; L. Murauskiene; N. McGregor; Alessia Melegaro; N. Moy; Ana Rita Sequeira; R. Singh; Aleksandra Torbica; Jeremy K. Ward; D. Yang; Francesco Paolucci

Health Policy and Technology, 13, 100849. Published. doi:10.1016/j.hlpt.2024.100849

Vaccination and Non-pharmaceutical Interventions during COVID-19: Impact on Health and Non-health Outcomes in the US

Asmita P. Khatiwada; **Mesfin G. Genie**; Aregawi G. Gebremariam; Tim C. Lai; Nabin Poudel; Surachat Ngorsuraches

Health Policy and Technology, 13, 100792. Published. doi:10.1016/j.hlpt.2023.100792

Vaccine Uptake and Effectiveness: Why Some African Countries Performed Better than Others?

Aregawi G. Gebremariam; D. Abegaz; H. Y. Nigus; T. L. Argaw; M. Gerbaba; **Mesfin G. Genie**; Francesco Paolucci

Health Policy and Technology, 13, 100820. Published. doi:10.1016/j.hlpt.2023.100820

Willingness to Participate in Placebo-Controlled Surgical Trials of the Knee

Laura Wall; Samantha Bunzli; Elizabeth Nelson; L. Hawke; **Mesfin Genie**; Madeleine Hinwood; Danielle Lang; M. Dowsey; P. Clarke; P. Choong; Zsolt J. Balogh; L. Lohmander; Francesco Paolucci

The Bone & Joint Journal, 106-B, 1408–1415. Published. doi:10.1302/0301-620X.106B12.BJJ-2023-1266.R2

2023

Keeping an Eye on Cost: What Can Eye Tracking Tell Us about Attention to Cost Information in Discrete Choice Experiments?

Mesfin G. Genie; Mandy Ryan; Nicolas Krucien

Health Economics, 32, 1101–1119. Published. doi:10.1002/hec.4658

2022

A Systematic Review of Patients' Values, Preferences, and Expectations for the Treatment of Metastatic Prostate Cancer

Martin J. Connor; **Mesfin G. Genie**; David Burns; E. J. Bass; M. Gonzalez; N. Sarwar; A. Falconer; S. Mangar; T. Dudderidge; V. Khoo; M. Winkler; Hashim U. Ahmed; Verity Watson

European Urology Open Science, 36, 9–18. Published. doi:10.1016/j.euro.2021.10.003

How Do Renewable Energy and Urbanization Cause Carbon Emissions? Evidence from Advanced Panel Estimation Techniques

Y. Sun; H. Li; Z. Andlib; **Mesfin G. Genie**

Renewable Energy, 185, 996–1005. Published. doi:10.1016/j.renene.2021.12.112

Public Acceptability of Non-pharmaceutical Interventions to Control a Pandemic in the UK: A Discrete Choice Experiment

Luis E. Loría-Rebolledo; Mandy Ryan; Verity Watson; **Mesfin G. Genie**; Ruben A. Sakowsky; Daniel Powell; Shantini Paranjothy

BMJ Open, 12, e054155. Published. doi:10.1136/bmjopen-2021-054155

The Role of Solar Energy and Eco-innovation in Reducing Environmental Degradation in China: Evidence from a QARDL Approach

F. Chien; C.-C. Hsu; Z. Andlib; M. I. Shah; T. Ajaz; **Mesfin G. Genie**

Integrated Environmental Assessment and Management, 18, 555–571. Published. doi:10.1002/ieam.4500

2021

Metastatic Prostate Cancer Men's Attitudes towards Treatment of the Local Tumour and Metastasis Evaluative Research (IP5-MATTER): Protocol for a Prospective, Multicentre Discrete Choice Experiment Study

Martin J. Connor; **Mesfin G. Genie**; Michael Gonzalez; N. Sarwar; K. T. Jayaprakash; G. Horan; F. Hosking-Jervis; N. Klimowska-Nassar; J. Sukumar; T. Pokrovska; D. Basak; A. Robinson; M. Beresford; B. Rai; S. Mangar; V. Khoo; T. Dudderidge; A. Falconer; M. Winkler; Verity Watson; Hashim U. Ahmed

BMJ Open, 11, e048996. Published. doi:10.1136/bmjopen-2021-048996

The Trade-off between Economic Growth and Environmental Quality: Does Economic Freedom Asymmetry Matter for Pakistan?

Muhammad Tariq Majeed; Zhiyuan Yu; Adnan Maqbool; **Mesfin Genie**; S. Ullah; Waheed Ahmad

Environmental Science and Pollution Research, 28, 41912–41921. Published. doi:10.1007/s11356-021-13709-9

To Pay or Not to Pay? Cost Information Processing in the Valuation of Publicly Funded Healthcare

Mesfin G. Genie; Mandy Ryan; Nicolas Krucien

Social Science & Medicine, 276, 113822. Published. doi:10.1016/j.socscimed.2021.113822

Weighting or Aggregating? Investigating Information Processing in Multi-attribute Choices

Mesfin G. Genie; Nicolas Krucien; Mandy Ryan

Health Economics, 30, 1291–1305. Published. doi:10.1002/hec.4245

2020

The COVID-19 Pandemic in Italy: Policy and Technology Impact on Health and Non-health Outcomes

Chiara Berardi; Marcello Antonini; **Mesfin G. Genie**; G. Cotugno; A. Lanteri; Adrian Melia; Francesco Paolucci

Health Policy and Technology, 9, 454–487. Published. doi:10.1016/j.hlpt.2020.08.019

The Role of Heterogeneity of Patients' Preferences in Kidney Transplantation

Mesfin G. Genie; Antonio Nicolò; Giacomo Pasini

Journal of Health Economics, 72, 102331. Published. doi:10.1016/j.jhealeco.2020.102331

Understanding Public Preferences and Trade-offs for Government Responses during a Pandemic: A Protocol for a Discrete Choice Experiment in the UK

Mesfin G. Genie; Luis E. Loría-Rebolledo; Shantini Paranjothy; Daniel Powell; Mandy Ryan; Ruben A. Sakowsky; Verity Watson

BMJ Open, 10, e043477. Published. doi:10.1136/bmjopen-2020-043477

Book chapter

2025

Telehealth Evolution and Policy Response in Australia: Insights from the COVID-19 Pandemic

Stefano Bruzzo-Gallardo; **Mesfin Genie**; R. Gallagher; Francesco Paolucci

Information Technologies in the Healthcare Industry, 561–592. Published. doi:10.1016/B978-0-443-30168-1.00002-5

Working papers

2025

Vaccinating Now or Vaccinating Later: Separating Pull-Forward and Net Effects Using a Dynamic Regression Discontinuity Design

Fabio I. Martinenghi; **Mesfin Genie**; Katie Attwell; Huong Le; Hannah C. Moore; Aregawi G. Gebremariam; Bette Liu; Francesco Paolucci; Christopher C. Blyth

arXiv. Working paper. [doi:10.48550/arXiv.2509.22714](https://doi.org/10.48550/arXiv.2509.22714)

2018

Does Cognitive Ability Affect Choice Consistency?

Mesfin Genie

SSRN Electronic Journal. Working paper. [doi:10.2139/ssrn.3270180](https://doi.org/10.2139/ssrn.3270180)

Data and research outputs

2019

Combining the Retrospective Interviews of Wave 3 and Wave 7: The Third Release of the SHARE Job Episodes Panel

Mesfin Genie

Survey of Health, Ageing and Retirement in Europe. Published data. [Source record](#)

SHARE Job Episodes Panel

Mesfin Genie

Survey of Health, Ageing and Retirement in Europe. Published data. [doi:10.6103/SHARE.jep.800](https://doi.org/10.6103/SHARE.jep.800)

Published conference abstracts

2025

PCR18 Are Discrete Choice Experiment Results Robust to Omitted Attributes?

Mesfin Genie; Verity Watson; Stéphane Luchini; Michaël Schwarzingger

Value in Health, 28, S549–S550. Published abstract. [doi:10.1016/j.jval.2025.09.2491](https://doi.org/10.1016/j.jval.2025.09.2491)

MSR145 Do Framing and Attribute Number Influence Choice Consistency?

Mesfin Genie; Surachat Ngorsuraches

Value in Health, 28, S302–S303. Published abstract. [doi:10.1016/j.jval.2025.04.1296](https://doi.org/10.1016/j.jval.2025.04.1296)

2024

MSR75 Guidance or Misdirection? Unpacking the Role of Feedback in Health Preference Assessments

Mesfin Genie; Shelby Reed; Juan Gonzalez; Semra Ozdemir

Value in Health, 27, S274. Published abstract. [doi:10.1016/j.jval.2024.03.1508](https://doi.org/10.1016/j.jval.2024.03.1508)

2023

EPH155 Relative Effectiveness of Vaccination and Non-pharmaceutical Interventions on COVID-19 Infection and Deaths in the US

Asmita P. Khatiwada; Aregawi G. Gebremariam; **Mesfin Genie**; Tim C. Lai; Nabin Poudel; Surachat Ngorsuraches

Value in Health, 26, S192–S193. Published abstract. [doi:10.1016/j.jval.2023.03.1037](https://doi.org/10.1016/j.jval.2023.03.1037)

PCR95 Decision Consistency in a Discrete Choice Experiment: Does Numeracy Skill Matter?

Mesfin Genie; Surachat Ngorsuraches; Nabin Poudel

Value in Health, 26, S329. Published abstract. [doi:10.1016/j.jval.2023.03.1873](https://doi.org/10.1016/j.jval.2023.03.1873)

Profiles

[University profile](#) [Google Scholar](#) [ORCID](#) [LinkedIn](#) [GitHub](#)