

Irene Mussio

LEEDS UNIVERSITY BUSINESS SCHOOL (Department of Economics)

CONTACT INFORMATION

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Primary fields: behavioral and experimental economics, environmental economics, health economics

Secondary fields: decision-making under risk and uncertainty, economic valuation

CURRENT POSITIONS

2023 – present Assistant Professor (Lecturer), Department of Economics, Leeds University Business School (internal affiliations: Centre for Decision Research, Water@Leeds)

2024 – present [Healthy Buildings Network](#) co-director (Horizons Institute Challenge Networks, U. of Leeds)

AFFILIATIONS

2021-present Affiliate associate professor (Grado 4), Department of Economics, Health Economics Group, Universidad de la República (2021-2025, Grado 3)

2018-present Affiliate researcher, McMaster Decision Science Laboratory, McMaster University

EDUCATION

2018 PhD in Resource Economics. Department of Resource Economics, University of Massachusetts Amherst.

2011 Master's in economics, Universidad de Montevideo. Excellence scholarship.

2007 Bachelor in Economics. Universidad de la República, Uruguay. Highest GPA of the 2007 cohort.

PAST POSITIONS

2023-2024 Associate researcher, Institut Pasteur de Montevideo, Bioinformatics Unit

2020-2023 Postdoctoral Research Associate, UKRI GCRF Living Deltas Research Hub and Newcastle University Business School (Economics)

2020-2023 Consultant, United Nations

2018-2020 Postdoctoral Fellow, McMaster University, Department of Economics and McMaster Institute for Research on Aging

2015-2018 Instructor, Department of Resource Economics, University of Massachusetts Amherst

2010-2021 Associate Research Fellow. Department of Economics, Universidad de la República

2006-2010 Senior analyst, Willis Towers Watson (WTW), Research and Analytical Services

OTHER RELEVANT POSITIONS

2013-2018 Research Assistant for Dr. Angela de Oliveira. Department of Resource Economics, University of Massachusetts Amherst

2012-2013 Program Coordinator, Economics for Non-Economists diploma. Department of Economics, Universidad de la República, Uruguay

2011 Research assistant for Dr. Rafael Di Tella (Harvard Business School) and Dr. Juan Dubra (Universidad de Montevideo)

ACADEMIC VISITS

2023-25 Universidad de Concepción, Escuela de Administración y Negocios
2024-25 Universidad del Bío Bío
2022 Centre for Experimental Social Science, Nuffield College, University of Oxford
2018 CINCH, University of Duisburg Essen
2008 Willis Towers Watson, Research and Analytical Services China

FELLOWSHIPS, HONORS, GRANTS AND AWARDS

2026 Leeds University Business School International Visiting Fund (Romain Espinosa)
2025 Swedish International Development Agency (SIDA) global research fund (2: SEK)
2025 Horizons Global Academy Crucible Programme Pump Priming Funding
2025 British Academy Small Research Grant (SRG2425\251014)
2025 Leeds University Business School Small Research Grant x2
2025 Leeds University Business School International Visiting Fund (Wändi Bruine de Bruin)
2025 IAREP funding: [Workshop on the psychology of climate risk communication](#)
2024 - 26 Healthy Buildings Network funding (Horizons Institute Challenge Networks winner)
2024 - 25 Global Academy Crucible Programme, Horizons Institute, U of Leeds
2022 Newcastle University Business School Research and Impact Fund award
2021 Newcastle University Faculty of Social Sciences Research Fund award
2021 Newcastle University Business School Research and Impact Recovery Fund award
2018-20 McMaster University Institute for Research on Aging. Fellowship and research grant
2018-19 Social Sciences and Humanities Research Board Exchange Grants (2018 x1 and 2019 x2)
2018 Carolyn Harper Fellow, Department of Resource Economics, University of Massachusetts Amherst
2018 Resource Economics Graduate Merit Fellowship, University of Massachusetts Amherst
2018 CINCH (Health Economics Research Center) Fellowship, University of Duisburg Essen.
2017-18 Graduate School Dissertation Summer Fellowship, University of Massachusetts Amherst
2017 Outstanding Service Award. Department of Resource Economics, University of Massachusetts Amherst
2016 Center for the Economic Analysis of Risk, Georgia State University, Graduate Student Travel Support
2016-17 Department of Resource Economics Travel Grant
2014 Vijay Bhagavan Teaching Assistant Award, Department of Resource Economics, University of Massachusetts Amherst
2013-15 Fulbright grant for postgraduate studies – Fulbright Uruguay/Agencia Nacional de Investigación e Innovación (ANII)
2008-11 Excellence scholarship. Master's in economics. Universidad de Montevideo

PUBLICATIONS

Peer-Reviewed

1. Mussio, I., Triunfo, P., & Gerstenblüth, M. (2026). Markov-model cost-effectiveness evaluation of a cessation programme when tobacco policies are comprehensive. *BMJ open*, 16(2), e113050.
2. Mussio, I., Triunfo, P., Gerstenblüth, M., Raggio, V., Cardozo, P., Naya, H., & Spangenberg, L. (2026). From the rare to the essential: analyzing the needs of physicians and families managing rare diseases. *BMC Health Services Research*.

3. Mussio, I., Chilton, S., Kent, D. A., Gerald, L. B., & Wilson, A. M. (2025). Applying a Risk-Risk Tradeoff Economics Approach to the Occupational Health of Nurses: Economic and Microbial Risk Analysis. [Risk Analysis](#).
4. Bulla-Holthaus, N., Kairies-Schwarz, N., & Mussio, I. (2025). The effects of cognitive load and mindfulness meditation on decisions related to risk and time. [Journal of Behavioral and Experimental Economics](#), 118, 102412.
5. Amir-ud-Din, R., Khan, M., Murad, Z., & Mussio, I. (2025). Clear Waters, Bright Futures: Do Low-Cost Information Interventions Increase Health Preventive Behaviors. [Health Economics](#).
6. Wilson, A. M., Mussio, I., Verhougstraete, M. P., Jung, Y., Ashraf, A., Chilton, S., & Hamilton, K. A. (2025). A risk-risk tradeoff approach for incorporating the public's risk perceptions into quantitative microbial risk assessment. [Journal of occupational and environmental hygiene](#), 22(2), 132-148.
7. Kairies-Schwarz, N., Mussio, I., Bulla-Holthaus, N., Wankmüller, E., Wolff, G., Gontscharuk, V., ... & Icks, A. (2024). Risk and time preferences in individuals with lifestyle-related and non-lifestyle-related cardiovascular diseases: a pilot study. [BMJ open](#), 14(5), e080867.
8. Chilton, S., Duxbury, D., Mussio, I., Nielsen, J. S., & Sharma, S. (2024). A double-bounded risk-risk trade-off analysis of heatwave-related mortality risk: Evidence from India. [Journal of Risk and Uncertainty](#), 68(1), 1-23.
9. Forteza, A., Mussio, I., & Pereyra, J. S. (2024). Can political gridlock undermine checks and balances? A lab experiment. [Journal of Behavioral and Experimental Economics](#), 108, 102128.
10. Mussio, I., Chilton, S., Duxbury, D., & Nielsen, J. S. (2024). A risk-risk trade-off assessment of climate-induced mortality risk changes. [Risk Analysis](#), 44(3), 536-552.
11. Mussio, I., & de Oliveira, A. C. (2022). An (un) healthy social dilemma: a normative messaging field experiment with flu vaccinations. [Health Economics Review](#), 12(1), 41.
12. Mussio, I., Sosa Andrés, M., & Kidwai, A. H. (2023). Higher order risk attitudes in the time of COVID-19: an experimental study. [Oxford Economic Papers](#), 75(1), 163-182.
13. Mussio, I., & de Oliveira, A. C. (2022). The effect of additional background risk on mixed risk behavior. [Journal of Behavioral Economics for Policy](#), 6(S1), 85-92. *Special Issue: Recent Applications and Developments in Behavioral Economics and Finance*
14. Mussio, I., Brandt, S., & Hanemann, M. (2021). Parental beliefs and willingness to pay for reduction in their child's asthma symptoms: A joint estimation approach. [Health Economics](#), 30(1), 129-143.
15. Rossi, M., Chouhy, C., & Mussio, I. (2017). Vigilante justice and police protocols in the Latin American south cone. [Sociology International Journal](#), 14-20.
16. Forteza, A., & Mussio, I. (2017). Contribution densities, transitions and pension rights: The case of Jordan. [Journal of International Development](#), 29(1), 67-88.
17. Ateca-Amestoy, V., Gerstenblüth, M., Mussio, I., & Rossi, M. (2016). How do cultural activities influence happiness? Investigating the relationship between self-reported well-being and leisure. [Estudios Económicos](#), 31(2), 217-234.
18. Forteza, A., & Mussio, I. (2011). Assessing redistribution in the Uruguayan social security system. [Journal of Income Distribution](#) 21(1): 65-87.

Book chapters

1. Mussio, I., & De Oliveira, A. C. (2023). Norms, networks, nudges: Non-traditional approaches to improve healthy behaviours. In [Handbook of Research Methods and Applications on Behavioural Economics](#). (pp. 444-472). Edward Elgar Publishing.

Working papers

1. Miles-Touya, D., Mussio, I., & Rossi, M. (2015). *Trust and Confidence in Institutions: religious beliefs and educational attainment*. [Documentos de Trabajo \(working papers\) 0515](#), Department of Economics, Facultad de Ciencias Sociales, Universidad de la República

2. Bucheli, M., Mussio, I., & Rossi, M. (2013). *Imparting and receiving violence at home in Uruguay*. [Documentos de Trabajo \(working papers\) 0713](#), Department of Economics, Facultad de Ciencias Sociales, Universidad de la República
3. Melgar, N., Mussio, I., & Rossi, M. (2013). *Environmental concern and behavior: do personal attributes matter?* [Documentos de Trabajo \(working papers\) 0113](#), Department of Economics, Facultad de Ciencias Sociales, Universidad de la República

Book reviews

1. Developing annuities markets: The experience of Chile. Mussio, Irene, and Mirko Cardinale. 2007. Rocha, Roberto and Thorburn, Craig. The World Bank, 2006, ISBN 0-8213-6666-1, 288 pages. [Journal of Pension Economics and Finance](#) 6 (3): 354-6.

TEACHING and SUPERVISION EXPERIENCE

Supervision

University of Leeds PhD students: Candelaria Krick (2025-29)
 University of Leeds MSc in Economics dissertations: 3
 Universidad de Buenos Aires Master's students: 1 (Ana Garcia)
 University of Leeds undergraduate economics dissertations: 33

Instructor – Graduate

2026 Advanced Research Methods (experimental lecture, LUBS5155)
 2025 - present Applied Econometrics (co-teaching, LUBS5108)
 2018 Experimental Economics, McMaster (Fall 2018, co-teaching)
 2014-2015 Quantitative Methods for Economics Math Camp, UMass Amherst

Instructor – Undergraduate

2023-present Behavioral Economics (LUBS3375, Module Leader since 2024), University of Leeds
 2024 Mathematics for Economics and Business 2 (LUBS2230), UoL
 2024 Mathematics and Statistics for Economics and Business 1B (LUBS1285, Flipped Class)
 2022 Economic Applications (Eco1018), Newcastle University (Seminars x1)
 2022 Economic Modelling (Eco2003), Newcastle University (Seminars x4)
 2020-2021 Research methods, Universidad de la República (guest lecturer)
 2018-2019 Economics of Aging, McMaster (Fall 2018 (9.67/10), Spring 2019 (9/10), Fall 2019)
 2018 Intermediate Statistics, UMass Amherst (Summer, Online)
 2015-2018 Consumer in Society, UMass Amherst (Fall term. Overall rating: 4.0/5 (2017), 4.5/5 (2016), 4.9/5 (2015))
 2012-2013 Game theory, Universidad Católica del Uruguay
 2012-2013 Intermediate microeconomics, Universidad Católica del Uruguay

Teaching assistance

University of Massachusetts Amherst

2018 Industrial organization
 2015-2018 Econometric Methods (graduate)
 2015-2018 Introduction to Econometrics
 2013-2014 Introductory Statistics

Universidad de la República, Uruguay

2013 Microeconomic analysis
 2011-2014 Quantitative methods for social sciences
 2012-2013 Mathematics for non-economists (graduate)
 2012-2013 Environmental sustainability and development

2012-2013	Microeconomics; MSc in international economics (graduate)
2007-2008	Quantitative methods for economics
2007-2008	Econometrics I and II

ADDITIONAL STUDIES / TRAINING

2025	Senior Academic Interdisciplinary Centre Leaders Programme, University of Leeds
2024-2025	Horizons Institute Crucible Programme, 2024-25 cohort, University of Leeds
2024	Applied Methods of Cost-Effectiveness, University of Oxford
2024	Analysis of qualitative data in NVivo. All course levels – University of Leeds
2023	REECAP hybrid choice modelling workshop
2023	Media skills workshop for scientists and experts in the Global South Climate Database
2023	Westminster Energy, Environment & Transport Forum policy conference: Next steps for biodiversity and wildlife protection in England
2021	Building Ecological Resilience in Vulnerable Mangroves of the Indian Sundarbans: Sustainable and Equitable Management of Biodiversity and Ecosystem Services in the era of Climate Change workshop. Newcastle University and University of Aberdeen
2021	Advanced Choice Modelling, University of Leeds
2021	Benefit-Cost Analysis in Low- and Middle-Income Countries. Harvard T.H. Chan School of Public Health Executive and Continuing Professional Education.
2021	OTree workshops. University of Oxford, Saïd Business School and CESS Nuffield
2021	z-Tree 5.1 workshop. University of Konstanz, Department of Economics
2020	Benefit-Cost Analysis: Valuing Life and Health. Harvard T.H. Chan School of Public Health Executive and Continuing Professional Education.
2020	JILAE e-Workshop on Field Experiments in Economics, UChicago and UCEMA
2020	2nd ECMCRC Summer School on Behavioral and Neuroscientific Research for Economics, Finance and Accounting, Dublin City University Business School / IAREP
2017	22 nd Annual Visiting Graduate Student Workshop in Experimental Economics. Economic Science Institute, Chapman University
2016	CEAR-CSAE Eliciting Subjective Beliefs and Risk and Time Preferences in Developing Countries, Georgia State University
2014	Fulbright Enrichment Seminar. From Lab to Market: energy and environmental sustainability
2014	Modeling Emergence: Simulation of Social Dynamics. ISSR Summer Workshop. University of Massachusetts Amherst
2013	LACEEP VI Environmental and Resource Economics Training Course, Experimental Economics with Applications to the Environment.
2012	Natural Resource Economics, University of Gothenburg
2011	Environmental Valuation, University of Gothenburg
2011	LACEEP V Environmental and Resource Economics Training Course, Impact Evaluation.
2008	New Tools for Short Term Forecasting; Summer School in Economics. Centro de Estudios Monetarios y Financieros (CEMFI), Spain
2008	Non-linear panel data modeling; Summer School in Economics, CEMFI, Spain

PROFESSIONAL ACTIVITIES

Seminar and Conference Presentations (including scheduled)

2026	Southern Europe Experimental Team's Meeting 2026, Sevilla. IMEBESS, Prague; IAREP, Castellon de la Plana; <i>Radical Sustainability Research in LUBS</i> Panel, LUBS research conference; Roundtable “ <i>Behaviour Change for Sustainability: From Policy to Practice</i> ”, University of Warwick and School of Government, King’s College London.
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- 2025 IMEBESS, Valencia; IBPPC, London; ESA Europe, Brno; 17th Nordic Conference in Behavioral and Experimental Economics, Stavanger; Internal Research Workshop, Department of Economics, Leeds University Business School*; Universidad del Bio Bio*; Water@Leeds workshop on water quality*; 11mo Encuentro Anual de NENRE Efd-Chile; II Encuentros de Investigación Científica de la FCS, UdelaR «Prof. Álvaro Forteza»; Workshop on Environmental Thinking and Behaviour in the Global South, University of Manchester.*
- 2024 Workshop on Mortality and Morbidity Valuation: advances and remaining challenges, Université Paris-Dauphine-PSL*; Society for Benefit Cost Analysis Global Conference; Newcastle University Experimental Economics Brown Bag Seminar*; Lancaster University workshop on the social acceptability of economist-driven solutions*; University of Warsaw Economics doctoral seminar*; 14th ASFEE, Grenoble; Society for Benefit Cost Analysis Europe, Warsaw; Network of UK Behavioural and Experimental Economists (BEE-UK), Leicester; IAREP-SABE, Dundee; ESA Europe, Helsinki; Universidad del Bio Bio*; Universidad de Concepcion*; Water@Leeds Confluence
- 2023 Society for Benefit Cost Analysis Global Conference; IMEBESS, Lisbon; SABE-IAREP, Nice; ESA World, Exeter; Can Tho University workshop*
“Experimental economics for the social and medical sciences”, School of Social Sciences*; Can Tho University, School of Economics*; Noveno Encuentro Anual de NENRE Efd-Chile; Department of Economics, Leeds University Business School*; Virtual Workshop the Behavioral and Experimental Economics of the Latin American Economic Review*.
- 2022 Society for Benefit Cost Analysis Global Conference; 2nd UKRI GCRF InterHub meeting; International Association for Research in Economic Psychology (IAREP), University of Agder; International Behavioural Public Policy Conference, London School of Economics; University of Economics Ho Chi Minh City, College of Economics, Law and Government*; e3c-LoyolaECON seminar (Loyola Behavioral Lab, Department of Economics Loyola University Andalucía)*; 8vo Encuentro Anual de NENRE Efd-Chile; University of Oxford, Centre for Experimental Social Sciences; Newcastle Experimental Economics Workshop; University of Paderborn*
- 2021 12th annual meeting of the Society for Experimental Finance; Essen Economics of Mental Health Workshop; 7mo Encuentro Anual de NENRE Efd-Chile
- 2020 ESA World virtual conference. CINCH virtual seminar, University of Duisburg Essen; e3c Xmas workshop, Loyola Behavioral Lab.
- 2019 CHEPA Seminar, McMaster University*; McMaster Institute for Research on Aging trainee meeting. Canadian Economics Association meeting, Banff. North American ESA Conference, Los Angeles. McMaster MIRA Trainee “Meet My Method” workshop.
- 2018 Brown Bag Seminar, CINCH, University of Duisburg Essen*. Norms and Behavioral Change Workshop, University of Pennsylvania. North American ESA Conference, Antigua, Guatemala. Southern Economic Association meeting, Washington DC. 6th Workshop on Behavioral and Experimental Health Economics, Oslo.
- 2017 New England Experimental Economics Workshop, Middlebury College, VT. World ESA Conference, San Diego, CA. Seminar, Universidad de Concepcion, Chile. Seminar, dECON, FCS, UdelaR, Uruguay*. Advances in Field Experiments Conference, Chicago, IL. North American ESA Conference, Richmond, VT. Southern Economic Association meeting, Tampa, FL. 5th Workshop on Behavioral and Experimental Health Economics, Georgia State University.
- 2016 4th Antigua Experimental Economics Conference, Universidad Francisco Marroquin, Guatemala. Brown bag seminar, Middlesex College, United Kingdom. New England Experimental Economics Workshop, UMass, Amherst. Internal Seminar, dECON, FCS, UdelaR, Uruguay. 4th Workshop on Behavioral and Experimental Health Economics, University of Cologne.

2011 X Jornadas de Investigación, “Derechos humanos, seguridad y violencia”; Social Sciences Faculty, Universidad de la República; XXVI Jornadas de Economía Banco Central del Uruguay; IV Meeting, LACEA/IADB/WB/UNDP Network of Inequality and Poverty (NIP) – Uruguay chapter.

* - invited speaker

Service

2026 Organizing committee, SBCA 2026
2025 - present Honorary Treasurer, International Association for Research in Economic Psychology
2024 - present Network of UK Behavioural and Experimental Economists. University of Leeds local lead and steering committee member
2022 - present Editorial Board, Journal of Behavioral and Experimental Economics
2019 - 2025 Centre for Experimental Social Sciences Ethics Committee, University of Oxford
2017 - present Society for the Advancement of Behavioral Economics country representative (Uruguay)
2025 Co-organizer, UK Indoor Air Environments Conference, University of Leeds and Healthy Buildings Network
2025 Co-host, Workshop on the Psychology of Climate Risk Communication, University of Leeds
2023 Judge, 3MT competition, Newcastle University Business School Research Festival
2022 - 2024 Organizing committee, Newcastle Experimental Economics Workshop
2022 Doctoral external examiner, Loyola University Andalucia (Benjamin Prissé, Economics)
2022 Organizing committee, 2nd UKRI GCRF ECR Inter-hub meeting; Living Deltas Hub and Water Security Hub
2022 Organizing committee, UKRI GCRF Living Deltas Research Hub Annual Meeting
2021 Coordinator, Early Career Researcher session, UKRI GCRF Living Deltas Research Hub Town Hall
2020 Reviewer, McMaster Institute for Research on Aging Labarge Mobility Scholarship/MIRA Scholarship in Research on Aging
2019-2020 Executive committee. McMaster Institute for Research on Aging Trainee Network
2018-2019 Judge, McMaster University MIRA & Labarge Optimal Aging Initiative Research Day
2016-2018 Graduate student affiliate. Computational Social Science Institute, UMass Amherst.
2013 Academic report on math status of students incoming to Social Sciences. Summary in: *Informe sobre prueba diagnóstica aplicada a estudiantes que ingresan a la Facultad de Ciencias Sociales*. Irene Mussio and Leonardo Martinotti. 2013. [Documentos de Trabajo \(working papers\) 1213](#), Department of Economics, Facultad de Ciencias Sociales, Universidad de la República

Refereeing

Journal of Behavioral and Experimental Economics, Journal of Economic Behavior and Organization, Environment and Development Economics, BMJ Open, Behavioural Public Policy, Journal of Behavioral Economics for Policy, Southern Economic Journal, Higher Education Quarterly, Handbook of Research Methods and Applications on Behavioral Economics

Professional affiliations

Economic Science Association (ESA), Society for the Advancement of Behavioral Economics (SABE), Behavioral Experiments in Health Network (BEHNet), International Behavioural Public Policy Association (IBPPA), Royal Economic Society, Network of UK Behavioural and Experimental Economists (BEE UK), International Association for Research in Economic Psychology (IAREP)