

Marisa Miraldo

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Business School, Imperial College London
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FIELDS OF SPECIALISATION: Health Economics and Policy

TEACHING: Health Systems Policy & Finance; Health Economics; Contemporary Topics in Health Policy (undergraduate, postgraduate, MBA, and executive education)

CURRENT POSITIONS

- 2013 Sep – current **Associate Professor (Reader) in Health Economics** at Imperial College London, Business School, Healthcare Management Group (tenured)
- 2019 Sep-current Chair of the Diversity Committee, Imperial College Business School.
- 2019 Jan- current Expert at the World Economic Forum Expert Network on the Future of Health and Healthcare, and Healthcare Delivery Systems.
- 2018 Jan- current Data Science Institute Fellow, Imperial College London.
- 2017- current Strategic Board of the Nutrition and Food Centre, Imperial College London.
- 2018- Feb 2020 Strategic Board of the Imperial Network for Vaccine Research, Imperial College London.
- 2015 Jan – Jan 2017 **Associate Head of Department**, Management Department at Imperial College Business School, Imperial College London
- 2015 June– current KPMG Data Analytics Centre Fellow – Leader on Health Policy analysis

PAST POSITIONS

- 2016 Jan – Jan 2018 **Scientific leader** on the Portuguese Ministry of Health project-national pilot on drug dispensing for ART treatment on community pharmacies

- 2008 Sep –2013 **Assistant Professor in Health Economics** at Imperial College Business School
- 2005 Sep – 2008 **Research Fellow** at the Centre for Health Economics, University of York
- 2004 Sep – 2005 Sep **Post-Doctoral Teaching Fellowship**, Department of Economics, University of York
- **2002 Oct** – Feb 2004 Teaching Fellow, Department of Economics, University of York

VISITS TO OTHER DEPARTMENTS

May 2015 –2018	Visiting Professor at School of Public Health, Nova University, Lisbon
Sep 2015	Visiting Professor at Harvard School of Public Health
Oct – Mar 2015	Visiting Professor Hospinnomics, Paris School of Economics
Nov 2009	University of Easter Finland: Invited Lecturer
Oct 2007	University of Brescia: Invited Lecturer
Jan -Jul 2004	IDEA Universitat Autònoma de Barcelona: Visiting researcher

EDUCATION

- OCT 2001– JUL 2007- **PhD in Economics**, University of York. Thesis: Essays in Health Care Financing
- JAN -JULY 2004 - **Visiting researcher**, IDEA, Universitat Autònoma de Barcelona
- 2000–2001- **Master in Economics and Finance** at Universitat Pompeu Fabra
- 1999 – 2000- **Master of Arts in Economics** (with distinction) at Université Catholique de Louvain la Neuve
- 1997–1998- Loughborough University (England), Program **ERASMUS**
- 1993–1999- **Degree in Economics** at Universidade Católica Portuguesa

SELECTED PUBLICATIONS

1. Hauck K, Miraldo M, Singh S (2020), Integrating Motherhood and Employment: A 22-year Analysis Investigating Impacts of US Workplace Breastfeeding Policy, ***Social Science and Medicine-Population Health***, ISSN:2352-8273, Forthcoming
2. Goiana-da-Silva F, Cruz-e-Silva D, Bartlett O, et al., (2020). The ethics of taxing sugar-sweetened beverages to improve public health, ***Frontiers in Public Health, Section Public Health Policy***, Forthcoming
3. Goiana-da-Silva F, Severo M, Cruz-E-Silva D, et al., (2020) Projected impact of the Portuguese sugar-sweetened beverages tax on obesity incidence across

- different age groups: a modelling study, *Plos Medicine*, Mar 12;17(3):e1003036. doi: 10.1371/journal.pmed.1003036
4. Symmons B, Cooke Graham, **Miraldo M** (2019). The impact of voluntary licenses for hepatitis C on access to treatment: a difference-in-differences analysis. *Lancet Global Health*, Vol 7, Issue 9.
 5. Crea G, Galizzi M, Linnosma I, Miraldo M (2019). Doctors' altruism and moral hazard: (weak) evidence from Finnish prescription data. *Journal of Health Economics*. 65:153-169.
 6. Silva F, Cruz e Silva D, Allen L, Nunes A, Calhau C, Rito A, Bento A, Miraldo M, Darzi (2019). Portugal's voluntary food reformulation agreement and the WHO reformulation targets. *Journal of Global Health*, Vol. 9 No. 2.
 7. Silva F, Gregorio M, Cruz-e-Silva D, Severo M, Nogueira P, Nunes A, Graça P, Lopes C, Miraldo M, Breda J, Allen L, Wickramasinghe K, Darzi A, Mikkelsen B, Araújo F (2019). Modelling the impact of a food industry co-regulation agreement on Portugal's non-communicable disease mortality, Forthcoming *Bulletin of the World Health Organization*, ISSN: 0042-9686
 8. Lau K, Hauck K, Miraldo M (2019). Excess influenza hospital admissions and costs due to the 2009 H1N1 pandemic in England, *Health Economics*, Vol: 28, Pages: 175-188, ISSN: 1057-9230.
 9. Goiana-da-Silva F, Cruz-e-Silva D, Miraldo M, Calhau C, Bento A, Cruz D, Almeida F, Darzi A, Araujo F (2019). Front-of-pack labelling policies and the need for guidance, *Lancet Public Health*, Vol: 4, Pages: PE15.
 10. Barrenho E, Miraldo M, Smith PC (2019). Does global drug innovation correspond to burden of disease? The neglected diseases in developed and developing countries, *Health Economics*, Vol: 28, Pages: 123-143, ISSN: 1057-9230.
 11. Lau K, Miraldo M, Galizzi M, Hauck Ket al., Social norms and free-riding in influenza vaccine decisions in the UK: an online experiment, *The Lancet*, Public Health Science Conference 2019, Publisher: Elsevier, ISSN: 0140-6736 (conference abstract)
 12. Rizmie D, Miraldo M, Atun R, de Preux Let al., 2019, The effect of extreme temperature on emergency admissions across vulnerable populations in England: an observational study, *The Lancet*, Public Health Science 2019 Conference, Publisher: Elsevier, Pages: S7-S7 (conference abstract)
 13. Miraldo M, Hauck K, Vernet A, Wheelock A (2019). Variations in the Adoption of Healthcare Innovation? A Literature Review, Oxford Research Encyclopaedia of Economics and Finance, Editors: Jones, Publisher: Oxford University Press, DOI: 10.1093/acrefore/9780190625979.013.76
 14. Miraldo M, Propper C, Williams RI (2018). The impact of publicly subsidised health insurance on access, behavioural risk factors and disease management, *Social Science & Medicine*, Vol: 217, Pages: 135-151, ISSN: 0277-9536
 15. Shaikh M, Miraldo M, Renner A-T (2018), Waiting time at health facilities and social class: Evidence from the Indian caste system, *PLOS ONE*, Vol: 13, ISSN: 1932-6203.
 16. Galizzi MM, Harrison GW, Miraldo M (2018). Experimental methods and behavioural insights: risk and time preferences in health., in Baltagi BH, Moscone F (eds.). Health Econometrics in Contributions to Economic Analysis. Emerald Publishing, Emerald Publishing Limited, U.K., pp. 1-23 ISBN: 9781787145429, Health Econometrics in Contributions to Economic Analysis., Editors: Moscone, Baltagi, Publisher: Emerald Publishing, Emerald Publishing Limited, Pages: 1-23, ISBN: 9781787145429.

17. Barrenho, E. and Miraldo, M. (2018), "R&D Success in Pharmaceutical Markets: A Duration Model Approach", *Health Econometrics (Contributions to Economic Analysis*, Vol. 294), Emerald Publishing Limited, pp. 201-233. <https://doi.org/10.1108/S0573-855520180000294010>
18. Goiana-Da-Silva F, Nunes AM, Miraldo M, Bento A, Breda J, Araujo FF. (2018), Taxation in Public Health Service: The Experience in Taxation of Sugary Drinks in Portugal (vol 4, pg 233, 2018), *Acta Medica Portuguesa*, Vol: 31, Pages: 233-233, ISSN: 1646-0758.
19. Goiana-da-Silva F, Cruz-e-Silva D, Gregorio MJ, Miraldo M, Darzi A, Araujo F. (2018). The future of the sweetened beverages tax in Portugal, *Lancet Public Health*, Vol: 3, Issue 2, Pages: E562-E562, ISSN: 2468-2667
20. Goiana-Da-Silva F, Nunes AM, Miraldo M, Bento A, Breda J, Araujo FF (2018). Using Pricing Policies to Promote Public Health: The Sugar Sweetened Beverages Taxation Experience in Portugal, *Acta Medica Portuguesa*, Vol: 31, Pages: 191-195, ISSN: 1646-0758
21. Barrenho E, Miraldo M, Shaikh M, Atun Ret al., (2017), Vertical and horizontal equity of funding for malaria control: a global multisource funding analysis for 2006-2010, *BMJ Global Health*, Vol: 2, ISSN: 2059-7908.
22. Wheelock A, et al (2017), Evaluating the importance of policy amenable factors in explaining influenza vaccination: a cross-sectional multinational study. Forthcoming in *BMJ Open*, ISSN: 2044-6055
23. Galizzi M, Miraldo M, Stavropoulou C, Van der Pol M, (2016). Doctor-Patient differences in risk and time preferences: field evidence from Greece. *Journal of Health Economics*. Volume 50, December 2016, Pages 171–182
24. Galizzi M, Miraldo M, (2016). Are you what you eat? *The B.E. Journal of Economic Analysis and Policy*. Vol: 17, ISSN: 1935-1682
25. Camejo R, Miraldo M, Rutten F (2016). Cost-effectiveness and dynamic efficiency: does the solution lie within? *Value in Health*, 20(2):240-243. doi: 10.1016/j.jval.2016.12.004.
26. Perelman J, Miraldo M *et al*, (2016). Reforma dos cuidados de saúde primários: a experiência do pagamento pelo desempenho. Almedina Editors (Book). Publication following the Antonio Arnaut award of the best contribution for research in health systems. ISBN: 9789724067810
27. Greenhalgh T, Annandale E, Ashcroft R *et al*, (2016). An open letter to The BMJ editors on qualitative research, *BMJ*, Vol:352, ISSN:1756-1833
28. Ekman I, Busse R, van Ginneken E *et al.*, (2016). Health-care improvements in a financially constrained environment, *Lancet*, Vol:387, ISSN:0140-6736, Pages:646-647
29. Galizzi MM, Miraldo M, Stavropoulou C, (2016). In Sickness but Not in Wealth: Field Evidence on Patients' Risk Preferences in Financial and Health Domains, *Medical Decision Making*, Vol:36, ISSN:0272-989X, Pages:503-517
30. Wheelock A, Parand A, Rigole B, Thomson A, Miraldo M, Vincent C, Sevdalis N, (2014). Socio-psychological factors driving adult vaccination: a qualitative study. *PLoS One*. 2014 Dec 9;9(12):e113503. doi: 10.1371/journal.pone.0113503
31. Wheelock A, Miraldo M, Parand A, Vincent C, Svedalis N, (2014). Journey to vaccination: a protocol for a multinational qualitative study. *BMJ Open*, 2014;4:e004279 doi:10.1136/bmjopen-2013-004279
32. Miraldo M, Galizzi M M., Merla A *et al*, (2014). Should I pay for your risky behaviours?: evidence from London. *Preventive Medicine*, 66. pp. 145-158. ISSN 0091-7435

33. Refoios R, McGrath C, Miraldo M *et al.* (2013). The Determinants of Cost-Effectiveness Potential: An Historical Perspective on Lipid-Lowering Therapies, ***Pharmacoeconomics***, Vol:31, ISSN:1170
34. Camejo RR, McGrath C, Rutten F, Miraldo M. (2013). Distribution of health-related social surplus in pharmaceuticals: an estimation of consumer and producer surplus in the management of high blood lipids and COPD, ***Eur J Health Econ***
35. Galizzi M, **Miraldo M**, Stravopoulou C, Desai M, Jayatunga W, Josh M, Parikh S. (2012). Who is More Likely to Use Doctor-Rating Websites, and Why? ***BMJ Open***, 2012;2:e001493 doi:10.1136/bmjopen-2012-001493
36. Miraldo M, Siciliani L, Street A, (2012). Price adjustment in the hospital sector. A Reply, ***Journal of Health Economics***, 2012, Vol:31.
37. Adesanya T, Gbolahan O, Ghannam O, Miraldo M *et al.* (2012), Exploring the responsiveness of public and private hospitals in Lagos, Nigeria. ***Journal of Public Health Research***. DOI: 10.4081/jphr.2012.e2
38. Galizzi, M, Miraldo M, (2011). The effects of hospitals' governance on optimal contracts: Bargaining vs. contracting. ***Journal of Health Economics***, Elsevier, vol. 30(2), pages 408-424, March.
39. Galizzi MM, Ghislandi S, Miraldo M, (2011). Effects of Reference Pricing in Pharmaceutical Markets: a Review. ***Pharmacoeconomics***, Vol.29, 2011
40. Miraldo M, Siciliani L, Street A, (2010). Price adjustment in the hospital sector, ***Journal of Health Economics***, Vol:30, Pages:112-125
41. Street A, Sivey P, Manson A, Miraldo M, Siciliani L, (2010). Are Treatment Centres treating less complex patients?, ***Health Policy***, Volume 94, Issue 2, Pages 150-157, February 2010
42. Willis-Owen CA, Brust K, Alsop H, Miraldo M, Cobb JP, (2009). Unicodylar knee arthroplasty in the UK National Health Service: An analysis of candidacy, outcome and cost efficacy. ***Knee***, 2009, ISSN: 1873-5800
43. Mason A, Street A, Miraldo M, Siciliani L, (2009). Should prospective payments be differentiated for public and private healthcare providers?, ***Health Economics, Policy and Law***, 2009, Vol: 4, Pages: 383 - 403, ISSN: 1744-134X
44. Miraldo M, (2009). Reference pricing and firms' pricing strategies, ***Journal of Health Economics***, 2009, Vol: 28, Pages: 176 – 197
45. Marini G, Miraldo M, Jacobs R, Goddard M, (2008). Giving greater financial independence to hospitals: does it make a difference? The case of English NHS Trusts. ***Health Economics***, 2008, Vol: 17, Pages: 751 - 775, ISSN: 1057-9230
46. Marini G., Miraldo M, Goddard M, Jacobs R, (2007) Foundation Trusts in the NHS? Does more freedom make a difference? ***Health Policy Matters***, Issue 13, September 2007

OTHER PUBLICATIONS

- “Anti-Microbial Resistance: Setting the Social Science Agenda”, Report of an ESRC Working Group.

PAPERS UNDER REVIEW

1. Simmons B, et al. Monitoring progress towards WHO AWaRe targets: an analysis of data from high-income countries, 2013-2018 Social Norms and

2. Free-Riding in Influenza Vaccine Decisions: An Online Experiment. With K Lau, K Hauck and M Galizzi. Submitted to *Journal of Health Economics*.
3. Barrenho E, **Miraldo M**, Propper C, Walsh B (2019). The importance of consultants and their peers in adoption and diffusion of innovation: A Retrospective Analysis of Laparoscopic Colectomy Adoption and Diffusion in England. Submitted to the **BMJ**.
4. Rizmie D, Atun R, Miraldo M, de Preux L. Heating the NHS: the impact of heatwaves and cold spells on emergency admissions. With D. Drafting stage. Submitted to the *The Lancet-Planetary Health*.
5. Kosova R, Marini G, **Miraldo M**, Shaick M (2018) The Impact of Organizational Change on Firm Performance: Evidence from the Healthcare Sector. Submitted to **Economic Policy**.
6. Hauck K, Singh S, **Miraldo M**, (2018). The Impact of US Workplace Breastfeeding Policy on absenteeism. Submitted to **Journal of Labour Economics**.
7. Silva F, Muc M, Cruz-e-Silva D, Barlett O, Veiga A, Gregório M, Lopes C, Rita A, Bento A, **Miraldo M**, Darzi A, Araújo F (2019). Prioritizing health over internal market interests: a policy dilemma between Portugal and the European Commission. Revised and Resubmitted to **Health Policy**.

WORK IN PROGRESS (close to submission)

1. Can Work-Life Balance Policies Affect the Gender Gap? Impacts of Workplace Breastfeeding Policies on the Intra-Household Earnings Gap”. With K Hauck K, and S Singh. To be submitted soon to the *American Economic Journal: Economic Policy*.
2. The role of networks in adoption of innovation in healthcare: the case of surgery for colon cancer. With E. Barrenho, C Propper, and C Rosen. Drafting stage. To be submitted to *Review of Economics and Statistics*.
3. The impact of guidelines on the adoption and diffusion of innovation: the case of laparoscopic surgery. With M Laudicella, E Barrenho and C Propper. To be submitted to *Management Science*.
4. Manna from the sky? Rainfall shocks and gender bias in adolescents. With E Aurino and C Millet. Writing up stage. To be submitted to the *Journal of Development Economics*.

GRANTS, AWARDS AND SCHOLARSHIPS

Grants and Scholarships

- 2020 -Development of methodology to develop pathways to improve nutritional health in low income communities. Funder: Imperial College London - Strategic Priorities

Fund Evidence- based policy making Seed Funding. Amount – £46K. Role: **Co-Investigator (Co-I)**

- 2019 – 2020 RARE2030 — a participatory foresight study for policy- making rare diseases. Funder: European Commission – Amount to the BS £130 000. Role: **Co-I**
- 2017 – 2020 NIHR Global Health Research Unit in Cardiovascular disease and Diabetes –Amount: £6,997,610. BS amount £211 000. Role: **Co-I**
- 2015- 2019- Network and competition effects in the diffusion of innovation in the NHS. Funder: Health Foundation. Amount: £500 000. Role: **Principal Investigator (PI)**
- 2017- 2020 HEARTS. The Health, Economic and Social impact of ARTS engagement. Amount: £1,011,370. Amount to the BS 123 240. Role: **Co-I**
- Sep 2015-Sep 2017- The determinants of failure in anticancer drug development & the future anticancer pharmaceutical R&D landscape and product market launch. Funder: French Cancer Institute (INCA). Amount: 258 049 €. Role: **Co-I** for two working streams.
- 2016-2017- Development and launching of Exec Ed programmes in Health jointly with IESE BS, and Copenhagen BS. Funder: EIT Health. Amount: £20,000. Role: **Co-PI**
- 2014- WECARE, Towards a Sustainable and Affordable Healthcare. Funder: EC FP7 Amount: 499690€. Role: **Co-I** for Imperial College stream
- 2014- Cancer Pathways. Funder: Health Foundation. Role: **Co-I**
- 2013- The impact of climate change on health, health care utilization, healthcare costs. Funder: Grantham Institute funding for a studentship.
- 2010- 2014 Project: Prescription decisions and the demand for pharmaceuticals. Funder: Academy of Finland. Amount: 468,166 €. Role: **Co-I**
- 2009-NHS trusts performance indicators. Funder: Nuffield Trust. Amount: £12,000. Role: **Co-PI**
- 2005- Royal Economic Society Conference Grant
- 2004 October – April 2005- Scholarship by the Calouste Gulbenkian Foundation
- 2000-2004-PhD Scholarship by the *Fundação para a Ciência e Tecnologia*

Awards

- 2019 Julia Higgins Award, Imperial College London
- 2018 – SACA Awards - Best Postgraduate supervisor at Imperial College London.
- 2016 – Awarded the António Arnaut Prize for the best contribution to health systems research.
- 2015 – Prize for the best poster presented at APES

- 2015 – Teaching Excellence Award for Innovation in Teaching
- 2014-2015 – Nominated for the President’s Award for Excellence in Teaching
- 2014-2015- Nominated for 3 Student Academic Choice Awards in the Best teaching for taught postgraduates and undergraduate category.
- 2014-2015- Teaching prize at the Imperial College Business School
- 2013-2014- Nominated for the Student Academic Choice Awards in the Best teaching for taught postgraduate category.
- 2012-2013- Teaching award at the Imperial College Business School
- 2008-2011 Yearly Research Prize at Imperial College Business School
- 2005 9th Conference of the Portuguese Association of Health Economics, Lisbon: *Awarded the Prize for the best article presented by a student*
- 2004 SIEP (Italian Public Economics Association) Conference, Pavia: *Awarded the Prize for the best article presented by a student in Public Economics*
- 2003 OCT 8th Conference of the Portuguese Association of Health Economics: *Awarded the Prize for the best article presented by a student*

TEACHING

Modules: Health Systems Policy and Finance, Health Economics, Contemporary Topic in Healthcare, Biopharma, Research Methods, Microeconomics II, Industrial Economics, International Economics, Applied Economics.

Levels: Undergraduate, PostGraduate, MBA, Executive Education.

Performance (average scores of last two years): 4.85 (out of 5)

SERVICE (LAST 4 YEARS)

A. Internal

- Chair Diversity Committee
- Managing and supervising a team of 7 Post Docs (3 as consultants), Supervising 7 PhD students
- Associate Head of Department
- Strategic Board of the Imperial Nutrition and Food Collaborative
- Strategic Board of the Imperial College Vaccines initiative
- Steering Committee of the NIHR Global Health Research Unit for Cardiovascular Disease and Diabetes

- Research and Intellectual Footprint Taskforce member
- Faculty Performance Assessment Committee
- Academic Leader on the development of the portfolio of Open Enrolment programmes in Health.
- Programme Director of the Executive Health Innovation Management Programme
- Member of the Senate of Imperial College London
- Chair of the Gender Equity Committee
- Area lead of the Research Committee
- Faculty Performance Assessment Committee
- MRes and PhD admissions, area leader and programme design
- EIT Health (KIC) Campus leader for Executive Education
- Health Policy Seminar series organizer

B. External University Service (Community and Government, last 4 years)

- Invited by the Portuguese Secretary of State of Health to lead an interventional national pilot on drug dispensing.
- External examiner for the London School of Economics
- European Research Council Advanced Grant reviewer
- Founding member of the Behavioural Experiments in Health Network (BEH-Net)
- Vice President of APES – Portuguese Health Economics Association
- Conference organization:
 - Organized 2 workshops in Brussels as part of the WECARE project with several academic partners, European Commission, OECD, IBM, IMEC, Pfizer, Amgen, Philips, policy makers, etc.
 - Organized a conference in Gothenburg as part of the WECARE project with several academic partners, European Commission, OECD, IBM, IMEC, Pfizer, Amgen, Philips, policy makers, etc.
 - APES Workshop Organizer and President of the Scientific Committee
 - APES Conference President of the Scientific Committee
 - Scientific Committee of the European Health Economics Conference
 - Academy of Management Annual Conference (abstract reviewer)
 - International Young Economists Meeting (abstract reviewer)
 - Health Economics Conference/Workshop of the Portuguese Health Economics Association, 2012, 2014, 2016
- Assessor for the Arbitration Committee for the "Initiative of Excellence" led by the University of Toulouse
- Invited as a key expert to the WHO Workforce toolkit meeting
- ESRC expert panel on “Anti-Microbial Resistance: Setting the Social Science Agenda”, Report of an ESRC Working Group.
- Invited grant and fellowship reviewer:
 - Assessor of NIHR fellowship program

- Panel of experts of the NIHR Health Technology Assessment programme to undertake peer review tasks
- NIHR and Service Delivery and Organisation Programme (SDO) grants
- Medical Research Council Early Career Fellowship in Economics of Health
- Refereeing for academic journals: JAMA, Rand Journal of Economics; Journal of Public Economic Theory, Journal of Health Economics, Journal of Economic Surveys, Geneva Insurance Association Papers Series, Health Economics, *Notas Economicas*, Health Policy, International Journal of Industrial Organization, European Journal of Healthcare Financing.

INVITED TALKS:

- JAN 2018 – **Invited Talk** at Ideas Lab, **World Economic Forum, Davos**
- OCT 2016 **Plenary Speaker**, Vlerick HMC Healthcare Conference, Brussels
- OCT 2015 **Invited Inaugural Speech**, Nova University, School of Public Health
- MAY 2015 **Invited Leading Speaker**, Department of Health, UK
- NOV 2015 **Invited Talk** at URC Eco Île-de-France (AP-HP)
- SEP 2014 **Invited Talk** Hospinnomics Launch Event, Paris School of Economics, Paris.
- JUN 2014 **Invited Discussant** for the Tiger Forum in Toulouse.
- JUN 2014 **Invited Discussant** -Workshop on technology development in a multidisciplinary environment in Paris organized by IMEC
- MAY 2014 **Invited Discussant** - Workshop on system of systems approach in Paris organized by IBM
- NOV 2013 **Invited Inspirational Speaker**, 23rd Communications Congress, Information and Communication Technologies and New Media industry, APDC Portugal
- NOV 2012 **Invited Seminar**, Nova Business School
- Apr 2012 **Plenary Talk**, "Health systems: the trends and challenges ahead", Health Cluster, Portugal
- Mar 2011 **Invited seminar**, HEC, Lausanne
- Jan 2011 **Invited seminar**, McGill, Montreal
- Nov 2010 **Invited seminar**, University of Zurich
- Nov 2010 **Invited seminar**, University of Aberdeen, Faculty of Medicine
- Jun 2010 **Invited talk**, ESRC Science Festival, University of Bristol
- May 2010 **Invited lecture**, Faculty of Medicine, Imperial College London
- May 2010 **London Health Economists Group**, Imperial College London
- Jan 2010 **Invited Seminar**, University of Oxford
- Nov 2009 **Invited Seminar**, Bocconi University, Italy
- Nov 2009 **Invited Seminar**, University of Leeds
- Oct 2009 **Invited Seminar**, University of Eastern Finland
- May 2009 **Invited Seminar**, Novartis Oncology and Nova University, Lisbon, Portugal
- Nov 2008 **Invited Seminar**, Health Econometrics and Data Group, University of York

- May 2008 **Invited Seminar**, Toulouse School of Economics
- Nov 2008 **Invited Seminar**, Tor Vergata University, Rome
- May 2008 **Invited Seminar**, Toulouse School of Economics, (GREMAQ)
- May 2008 **Invited Seminar**, INRA, Paris
- May 2008 **Invited Seminar**, Tanaka Business School, Imperial College, London
- May 2008 **Invited Seminar**, Department of Economics, Universite Libre de Bruxelles and Solvay Business School, Brussels
- Apr 2008 **Invited Talk**, Department of Economics and Crenos, Universita di Cagliari
- Mar 2008 **Invited Lecturer & Seminar**, Department of Economics, University of Brescia
- OCT 2007 **Invited Lecturer**, University of Brescia
- Nov 2005 **Invited Seminar at ISEG**, Technical University of Lisbon
- Jan 2004 University of York: **DERS Internal Seminars**

References: upon request.