

## **Marisa Miraldo**

Imperial College London  
Healthcare Management  
Business School  
Tanaka Building  
South Kensington Campus  
SW7 2AZ London  
Email: m.miraldo@imperial.ac.uk

### **FIELDS OF SPECIALISATION**

Health Economics and Policy, Pharmaceutical Economics, Public Economics

**TEACHING PORTFOLIO:** Health Economics (taught to the MSc in International Health Management; Master of Public Health; IBSc in Medicine); Health Systems Policy and Finance (taught to the MSc in International Health Management; Master of Public Health); Contemporary Topics in Health Policy (taught to the MSc in International Health Management); Financing Healthcare (taught to the MSc in Health Policy). Research Methods course (taught to the IBSc in Medicine); Biopharma (taught to the Full Time MBA); Applied Economics and International Economics (undergraduate Economics and Politics students).

Latest teaching scores average: 4.68/5

### **EMPLOYMENT RECORD:**

2013 Sep- Associate Professor in Health Economics at Imperial College London, Business School, Healthcare Management Group

2008 Sep – Aug 2013 Assistant Professor in Health Economics at Imperial College London, Business School, Healthcare Management Group  
Teaching scores average: 4.59 (out of 5)

Sep 2005 – Sep 2008  
Research Fellow at the Centre for Health Economics, University of York

Sep 2004 – Sep 2005  
Post Doctoral Teaching Fellowship, Department of Economics and Related Studies, University of York. Teaching: Industrial Economics, International Economics, Applied Economics.

Jan 2004 – Jul 2005  
Visiting Research Fellow, IDEA Universitat Autònoma de Barcelona.

Oct 2002 – Feb 2004

Teaching fellow Department of Economics and Related Studies, University of York.  
Teaching: Microeconomics.

**EDUCATION:**

Oct 2001– Jul 2007

PhD in Economics. University of York. Thesis: Essays in Health Care Financing.  
Supervisors: Professor Peter C. Smith, Professor Gianni de Fraja, Dr Michael Kuhn.

Jan -Jul 2004

Visiting researcher, IDEA Universitat Autònoma de Barcelona.

2000–2001

Master in Economics and Finance, Universitat Pompeu Fabra, Barcelona

1999 – 2000

Master of Arts in Economics with distinction, Université Catholique de Louvain la Neuve

1997–1998

Program ERASMUS, Loughborough University (England).

1993–1999

Degree in Economics in the Faculdade de Ciências Económicas e Empresariais, Universidade Católica Portuguesa (Lisbon)

**SPECIALIZATION COURSES:**

2010: Harvard Business Publishing

Art and Craft of Discussion Leadership- Teaching Cases

Teaching with Business Simulations

2009-2010: Certificate of Advanced Study in Learning and Teaching, Imperial College London. Completed the following workshops: Communicating Knowledge; Teaching for Learning: Designing for Learning; Becoming a Personal Tutor; Supervising Research Students; Linking Research and Teaching; Assessing Student Learning

Nov 2009: CeMMAP Masterclass: *New Developments in Econometrics* by Guido Imbens and Jeffrey Wooldridge

Feb 2007: An Introduction to Measuring Efficiency in Public Sector Organisations: analytical techniques and policy, Centre for Health Economics, University of York

Jul 2006: Marie Curie Training Programme in Applied Microeconometrics, University of York

Apr 2006: Royal Economic Society Easter School on Contract Theory and Competition, University of Birmingham

Nov 2004: Institute of Fiscal Studies. Masterclass: *Empirical Industrial Organization* by Aviv Nevo

### **PROFESSIONAL MEMBERSHIP**

Royal Economic Society, Economic Science Association, International Health Economics Association, European Association for Research in Industrial Economics.

### **ECONOMIC CONSULTING AND ADVISORY**

World Health Organisation; Finnish Government Institute for Economic Research, Finnish Ministry of Social Affairs and Health; Department of Health, UK; Volvo; ThermoFisher; Zoopan; EconMetrixLab.

### **PUBLICATIONS, WORKING PAPERS AND REPORTS**

#### **Publications**

- 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
- 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
- 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*
- 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
- **Miraldo M**, Siciliani L, Street A, (2012). Price adjustment in the hospital sector. A Reply, *Journal of Health Economics*, 2012, Vol:31.
- Adesanya T, Gbolahan O, Ghannam O, **Miraldo M**, Patel B, Verma R, Wong H. (2012). Exploring the responsiveness of public and private hospitals in Lagos, Nigeria. *Journal of Public Health Research*. DOI: 10.4081/jphr.2012.e2
- 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.
- Galizzi MM, Ghislandi S, **Miraldo M**. Effects of Reference Pricing in Pharmaceutical Markets: a Review (2010). *Pharmacoeconomics*, Vol.29, 2011

- **Miraldo M**, Siciliani L, Street A, (2010) Price adjustment in the hospital sector, *Journal of Health Economics*, Vol:30, Pages:112-125
- 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
- Willis-Owen CA, Brust K, Alsop H, **Miraldo M**, Cobb JP (2009). Unicompartmental knee arthroplasty in the UK National Health Service: An analysis of candidacy, outcome and cost efficacy. *Knee*, 2009, ISSN: 1873-5800
- 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
- **Miraldo M** (2009). Reference pricing versus co-payment in the pharmaceutical industry: firms' pricing strategies, *Journal of Health Economics*, 2009, Vol: 28, Pages: 176 – 197
- 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
- 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

#### **Manuscripts under revision in peer-reviewed journals:**

- Barrenho E, Smith P, Miraldo M (2013). The determinants of attrition in R&D in the pharmaceutical sector ( **to be submitted to RAND Journal of Economics**)
- Andrews B, Cobb J, Miraldo M. (2013) Unicompartmental and total knee replacement for osteoarthritis of the knee: a comparative cost-effectiveness analysis using national data sources (to be **submitted to the BMJ**).
- Galizzi MM, **Miraldo M**. (2012) Are You What You Eat? Experimental Evidence on Health Habits and Risk Preferences. Imperial College Business School Working Papers 1204, (**submitted**).
- Galizzi MM, **Miraldo M**, Stravopoulou C (2012). In Sickness and in Wealth. A Field Experiment on Risk Preferences in the Health and Financial Domain (**submitted**).
- Refoios Camejo R, McGrath C, **Miraldo M**, Rutten F. (2012). Cost effectiveness and dynamic efficiency: does the solution lie within? (**submitted**)
- Galizzi M, **Miraldo M**, Castaldi C, Merla A, Levaggi L, Schulz P, Auxilia F, Gelatti U (2012). Should I Pay for Your Risky Behaviours? (**submitted to Preventative Medicine**)
- **Miraldo M**. Hospital financing and the development and adoption of new technologies. Research Paper 26 at the Centre for Health Economics, University of York, 2011 (**revise and resubmit to the International Journal of Healthcare Finance**)

### Working Papers and other Concluded Work to be submitted soon

- Hauck K, Ko T, Miraldo M (2012), The determinants of clinical variation: a systematic review. **(to be submitted to Social Science and Medicine)**
- Longo R, Miraldo M, Street A. Yardstick (2012). Competition in altruistic markets **(to be submitted to the Journal of Health Economics)**.
- Barrenho E, Miraldo M. Valletti T. Vertical relations in the delivery of health care: a review of practical experiences of competition policy in the US and EU. **(to be submitted to Health Policy)**
- Linnosmaa I, Miraldo M (2012). Advertising and Strategic Entry Deterrence in Pharmaceutical Markets **(to be submitted to Marketing Science)**
- Marini G, Miraldo M (2012). Economies of scale and scope in the English hospital sector. **(to be submitted to Social Science and Medicine)**

### Reports and working papers

- Galizzi MM, **Miraldo M** (2012). Are You What You Eat? Experimental Evidence on Health Habits and Risk Preferences. Working Paper, Imperial College Business School, Healthcare Management Group
- Galizzi MM, Ghislandi S, Hokkanen J, Kangasharju A, Linnosmaa I, **Miraldo M**, Valtonen H. (2010) Reference pricing in Finnish pharmaceutical markets: pre-policy evaluation. Reports of the **Ministry of Social Affairs and Health**, 25, Publisher: Ministry of Social Affairs and Health, Finland, 2010, ISBN/ISSN: 1797-9897
- Mason A, **Miraldo M**, Siciliani L, Sivey P and Street A, (2007). Establishing a Fair Playing Field for Payment by Results, 2007, Report to the Department of Health, UK.
- **Miraldo M** (2007). Reference pricing versus co-payment in the pharmaceutical industry: price, quality and market coverage Centre for Health Economics, University of York, Research Paper 25; 2007.
- Street A, **Miraldo M** (2007). The impact of the reform of hospital funding in England. Paper presented at: Evaluating Health Policy: New Evidence from administrative Data. University of York, 2007

### Other publications

- Galizzi M, Ghislandi S, **Miraldo M** (2011). What Do We Really Know About Reference Pricing for Pharmaceuticals? Evidence from a Systematic Review of the Literature. *EuroHealth*, January, 2011
- Galizzi M, **Miraldo M** (2010). Are You What You Eat? **VoxEU**, June 2010 <http://www.voxeu.org/index.php?q=node/5174>

- **Miraldo M**, Goddard M, Smith PC. The incentive effects of payment by results. London: **Dr Foster Intelligence**. 2006.
- Miraldo, M., Hospital Financing and the development and adoption of New Technologies, *APES (Associacao Portuguesa de Economia da Saude) Working Paper Series (2004)*
- Miraldo, M. Hospital financing. Master Thesis, DEA -- UCL, Louvain-la-Neuve : UCL, 2000

### **VISIT TO OTHER DEPARTMENTS**

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**

### **GRANTS, AWARDS AND SCHOLARSHIPS**

- 2014- WECARE- Towards a Sustainable and Affordable Healthcare. EC FP7 (499690€)
- 2014- Cancer Pathways- Health Foundation- PI for the last year of the funding
- 2013- Grantham Institute funding for a studentships: The impact of climate change on health, health care utilization, healthcare costs.
- 2012-2013 Teaching Prize at Imperial College Business School
- 2008-2011 Yearly Research Prize at Imperial College Business School
- 2010 Academy of Finland Grant. Project: “Prescription decisions and the demand for pharmaceuticals” (468,166 €)
- 2009 Nuffield Foundation Social Sciences Small Grants (£12,000)
- 2005 9<sup>th</sup> Conference of the Portuguese Association of Health Economics, Lisbon: *Awarded the Prize for the best article presented by a student*
- 2005 Royal Economic Society Conference Grant
- 2004 SIEP (Italian Public Economics Association) Conference, Pavia: *Awarded the Prize for the best article presented by a student in Public Economics*
- 2004 October – April 2005 Scholarship by the Calouste Gulbenkian Foundation
- 2000-2004 PhD Scholarship by the *Fundação para a Ciência e Tecnologia*
- 2003 OCT 8<sup>th</sup> Conference of the Portuguese Association of Health Economics: *Awarded the Prize for the best article presented by a student*

### **OTHER ACADEMIC ACTIVITIES**

#### **Membership of Editorial Boards**

- **Associate Editor** of the Journal of Health Services Research and Policy
- **Associate Editor** Journal of Public Health Research

**Grant and fellowship reviewer**

- Panel of experts of the NIHR Health Technology Assessment programme to undertake peer review tasks
- **Member of the reviewer panel for NIHR and Service Delivery and Organisation Programme (SDO) grants**
- **Member of the reviewer panel of the Medical Research Council** Early Career Fellowship in Economics of Health

**Refereeing for academic journals:** Rand Journal of Economics; Journal of Public Economic Theory; Journal of Health Economics, JAMA, BMJ, Journal of Economic Surveys, Geneva Insurance Association Papers Series, Health Economics, *Notas Economicas*, Health Policy

**Scientific Committee** of the following conferences:

- European Workshop of Health Economics, 2011
- Portuguese Health Economics Association Workshop 2012
- Portuguese Health Economics Association Conference, 2007, 2011, 2013
- 24th PCS International Working Conference: Casemix Beyond Funding – Patient Classification Systems, October 2008

**Organizer of:** the London Health Economists Group Workshop, 2009 & 2010

**Conferences' abstract Reviewer:**

- Academy of Management Annual Conference 2012
- International Young Economists Meeting, 2012
- European Workshop of Health Economics, 2011
- The conference of the International Health Economics Association, 2011
- 7<sup>TH</sup> European Conference in Health Economics: Health Economics and Global Renaissances, Rome, July 2008
- Health Economics Conference of the Portuguese Health Economics Association, November 2007 and 2012

**Other:**

- Member of the **Senate** at Imperial College 2013-2016
- Member of the **Research Committee** of Imperial College Business School 2010-2012
- **Seminar Organizer**
  - Healthcare Management Group at Imperial College Business School 2008-
  - Organizer of London Health Economists Group Meeting, 2009 & 2010
  - Organizer of the Industrial Economics/Health Economics Seminars and the Micro Reading Group Seminars at the Department of Economics, University of York
- **External examiner** of PhD Viva for Lorenzo Carbonari;
- **Supervision:**

- Co-supervisor of 2 PhD Student at the Healthcare Management Group in Imperial College Business School; supervisor of PhD student at the Centre for Health Economics at the University of York;
- Students of the Master in Public Health at the Faculty of Medicine of Imperial College; MSc in International Health Management, Full time and Executive MBAs at Imperial College Business School; Master in Health Economics, Department of Economics and Related Studies, University of York;
- Supervision of Alan Williams Fellows: Matteo Maria Galizzi and Ismo Linnosmaa.
- **Abstract Reviewer** for:
  - Academy of Management Annual Conference 2012
  - Young Economists Meeting, 2012
  - 7<sup>TH</sup> European Conference in Health Economics: Health Economics and Global Renaissances, Rome, July 2008
  - 10<sup>TH</sup> Health Economics Conference of the Portuguese Health Economics Association, November 2007

#### **INVITED TALKS:**

- NOV 2012 **Invited Seminar**, Nova Business School
- Apr 2012 **Plenary Talk**, Health Cluster, Portugal
- May 2008 **Invited Seminar**, Toulouse School of Economics
- 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
- 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
- Nov 2005 **Invited Seminar at ISEG**, Technical University of Lisbon
- Jan 2004 University of York: **DEERS Internal Seminars**

**LANGUAGES:** Portuguese (native).  
 Fluent in English, Italian and Spanish  
 Basic French