

Carlo Federici

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Career Objective

In a fast-paced world characterized by scarce resources, unresolved health challenges and outstanding advances in health care technologies, decision makers increasingly need more sophisticated tools to attain a cost-effective and fair distribution of health and health care resources among populations. Indeed, the development and application of cutting-edge research methods as an effective means to inform social choice constitutes one of the most fascinating and inspiring challenges of today. Actively contributing to this area by applying my professional experience and skills would enable me to answer a profound moral imperative and welcomed social obligation.

Relevant Education

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| Oct 2017 - ongoing | PhD candidate at Warwick University |
| Sep 2013 – Oct 2014 | MSc in Health Economics, University of York, UK |
| Nov 1999 – Mar 2004 | Bachelor's degree in Economics (4 year course) – University of Genoa, Genoa, Italy |

Relevant Professional Experience

Jan 2015 – On Going **Research Fellow in Health Economics at SDA Bocconi School of Management, Milan**

- Research work in HTA focusing on decision modelling and economic evaluation of medical devices
- Research work in public policies on nutrition, obesity and non-communicable diseases;
- Contract lecturer in decision modelling and HTA

Jul 2014 – Dec 2014 **Intern at the World Health Organization, Geneva, Switzerland**

- Developed a fully dynamic probabilistic Markov model evaluating the cost-effectiveness of a comprehensive programme aiming to eliminate Visceral Leishmaniasis in South East Asia;
- Contributed to the cost analysis of a number of strategies to achieve universal coverage against Visceral Leishmaniasis in the Indian sub-continent;
- Performed literature reviews and synthesis of the available evidence.

Feb 2013 – Aug 2013 **Consultant and project designer, ERDE Consultancy, Italy**

- Modelled business plans and cash flows;
- Responsible for drafting multi-partner European projects
- Technical advisor and consultant for enterprises applying to the Common Agricultural Policy funding schemes, and other national or regional funds.

Sep 2010 – Mar 2012 **Junior Financial Officer and Controller Logix Ltd, Venice, Italy**

- Responsible for modelling provisional economic and financial reports;
- Responsible for drafting, budgeting and management of co-financed R&D projects and tenders;

Publications

- Boscolo, Paola Roberta, Ciani, Oriana, Federici, Carlo et al. (in print), Gli esiti di salute del Servizio Sanitario Nazionale in CERGAS (a cura di), Rapporto OASI 2017, Milano, EGEA.
- Federici, C., G. Fattore, and G. Rudolfsson. "The Effects Of Food Prices On Weight Outcomes. A Systematic Review Of The Moderating Effects Of Income And Initial BMI." *Value in Health* 19.7 (2016): A454-A455.
- Ciani, Oriana, Carlo Federici, and Rosanna Tarricone. "Current and Future Trends in the HTA of Medical Devices." XIV Mediterranean Conference on Medical and Biological Engineering and Computing 2016. Springer, Cham, 2016.
- Perego, Francesca, et al. "Acute attacks in patients with Hereditary Angioedema (HAE): analysis of frequency, characteristics, treatment and direct costs in 133 patients observed prospectively for one year." *Journal of Allergy and Clinical Immunology* 139.2 (2017): AB234.
- Ciani, Oriana, Carlo Federici, and Leandro Pecchia. "The evaluation of medical devices: are we getting closer to solve the puzzle? A review of recent trends." *EMBEC & NBC 2017*. Springer, Singapore, 2017. 916-919.