

ELISABETTA LISTORTI

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Date - place of birth: November 21th, 1990 - Lanciano (Ch) – Italy



WORK EXPERIENCE

- From 1st October 2019 Centre for Research on Health and Social Care Management, Bocconi University, Milan, Italy
- From 1st May 2018 to 30th September 2019 Epidemiology Unit ASL TO3 (S.C. A D.U. Servizio sovrazonale di epidemiologia), Grugliasco, Italy
- From 1st April 2019 to 30th September 2019 Scholarship for the Department of Clinical and Biological Sciences, University of Turin, Italy
- Competences acquired *Management of research projects: identification and development of potential areas of research; literature review; data analysis; production, communication and presentation of research outputs; coordination of a research group*

EDUCATION

- From January 2019 Master in Epidemiology, *University of Turin, Italy*
Courses of Cohort Studies, Case Control Studies, Clinical Trials, Systematic Reviews, Survival Analysis, Geo statistical methods
- November 2014 – October 2018 Ph.D. cum laude in Management, Production and Design, *Politecnico di Torino, Italy*
PhD thesis “Hospital procedures concentration: how to combine quality and patient choice. A managerial use of the volume-outcome association”
Research topic: Planning problems in health care systems. Development of operational research models for volume allocation; use of econometric models for patient choice; creation of managerial algorithms for integrated approaches
- October 2012- October 2014 Engineering and Management (Postgraduate degree) 110/110 cum laude, *Politecnico di Torino, Italy*
Master thesis “Strategic Planning of Volume in Surgery Wards”
Courses of Industrial Economics, Simulation, Strategy and Marketing, Accounting and Corporate Finance, Business Law, Project Management
- October 2012 – September 2014 Master in Health Economics and Policy 110/110, *CORIPE, Torino, Italy*
Courses of Epidemiology, Health Economics, Public Policy Evaluation, Health Politics, Simulation for Health Systems, Health Policy
- February – July 2013 Exchange program, *Queensland University of Technology, Brisbane, Australia*

September 2009 – October 2012	Engineering and Management (Undergraduate Degree) – 110/110, <i>Politecnico di Torino, Italy</i> <i>Courses of Logistics, Planning and Control of the Production, Business Economics, Operational Research, Statistics</i>
February – June 2012	Erasmus Experience, <i>Oulu University of Applied Sciences – Business School, Finland</i>
June 2009	Scientific PNI diploma – 100/100

RESEARCH

Area of interest	Health policy on chronic diseases Hospital volumes of activity and clinical outcomes Model and simulation of patient health behavior
Conference and Workshop Presentation	<p>“Health events within families: a challenge for frailty”, <i>October 2019, Catania, Italy, XLIII National Conference of Italian Epidemiology Association (AIE)</i></p> <p>“Changes within families: which consequences upon health”, <i>October 2019, Catania, Italy, XLIII National Conference of Italian Epidemiology Association (AIE)</i></p> <p>“A frailty indicator for the stratification of elderly population in Piedmont, based on administrative health data”, <i>October 2019, Catania, Italy, XLIII National Conference of Italian Epidemiology Association (AIE)</i></p> <p>“Differences in families, differences in health”, <i>January 2019, Milan, Italy, Workshop on Survival analysis and family patterns, organized by Dondena Centre Bocconi University</i></p> <p>“How should policy account of patient preferences when consolidating hospital services? The case of colon cancer surgery in Piedmont, Italy”, <i>June 2017, Aberdeen, Scotland, Health Economists' Study Group (HESG)</i></p> <p>“Patients' choice: which hospital for colon cancer surgery?”, <i>October 2016, Turin, Italy, LX National Conference of Italian Epidemiology Association (AIE)</i></p> <p>“Agent-based modelling for diabetic patients behavior”, <i>September 2016, Rome, Italy, Social Simulation Conference 2016</i></p> <p>“A managerial use of the volume-outcome association”, <i>May 2016, Naples, Italy National Conference of Italian Association of Hospital Head Oncologists (CIPOMO) Selected among 5 best young management engineers projects</i></p> <p>“Planning decisions based on the use of the volume-outcome association”, <i>October 2015, Alghero, Italy, XX National Conference of Italian Health Economics Association (AIES)</i></p> <p>“A managerial use of the volume-outcome association for hospital planning”, <i>May 2015, Lyon, France, Second international conference of Health Care Systems Engineering (HCSE)</i></p> <p>“Planning of Hospital Surgery Volume Activities under Short Term Patients Outcomes” <i>July 2014, Lisbon, Portugal, Conference of Operational Research Applied to Health Services (ORAHs)</i></p>
Seminars	<p>“Risk stratification within Chronicity Plans: the experience of the Piedmont Region”, <i>October 2019, Catania, Italy, XLIII National Conference of Italian Epidemiology Association (AIE)</i></p> <p>“Health events within families: a challenge for frailty”, <i>Istituto Tapparelli, Saluzzo, Italy, 23rd March 2019</i></p>

"Hospital volume allocation: a decision made by decision maker and patients",
Department of Management and Production Engineering (DIGEP), Politecnico di Torino, Italy, 12th October 2017

"Hospital volume allocation: a decision made by decision maker and patients",
Department of Mechanical Engineering, Politecnico di Milano, Italy, 28th July 2017

"How should policy account for patient preferences when consolidating hospital services?",
Economy and Health Research Centre (CRES), Barcelona, Spain, 22nd May 2017

Visiting and
Collaborations

Economy and Health Research Centre (CRES), Barcelona, Spain, *February-June 2017*

Centre for Health Economics (CHE), York, United Kingdom, *May-June 2016*
Research on Patients' choice, supervised by Andrew Street

Department of Epidemiology Lazio Regional Health Service, Italy, *9-13 November 2015*
Area for National Outcome Evaluation Program (PNE)

Proceedings

Alfieri, Arianna, Elisabetta Listorti, and Andrea Matta. "A managerial use of the volume-outcome association for hospital planning." *Health Care Systems Engineering for Scientists and Practitioners*. Springer, Cham, 2016. 79-89.

Articles and
Journals

Under review: Margherita Silan, Giada Signorin, Elisa Ferracin, Elisabetta Listorti, Teresa Spadea, Giuseppe Costa, Giovanna Boccuzzo. "Construction of a frailty indicator with partially ordered sets: a multiple outcome proposal based on administrative healthcare data"

Arianna Alfieri, Elisabetta Listorti, Andrea Matta. "Improving surgical outcomes through optimal volumes allocation." *Flexible Services and Manufacturing Journal* (2018): 1-24.

COMPUTER SKILLS

- R data analysis
- Stata basic skills for data analysis
- Matlab modeling tool
- Arena simulation
- Microsoft Project *project management*
- Good command of Microsoft Office tools (Word, Excel, Power Point)

LANGUAGE SKILLS

- English: Proficiency
CPE Cambridge Institute
- Spanish: Good
DELE Intermedio
- French: Basic
Alliance Française EU level A2
- Italian: Mother tongue

FURTHER INFORMATION

Personal skills

- Responsibility
- Motivation and positive attitude
- Organization and problem solving skills
- Communication and presentation skills
- Interpersonal skills

Experiences and
Courses

March-May 2019: Tutor for final projects of the Course of simulation of managerial systems, *Politecnico of Turin, Italy*

7-11 September 2015: Advanced course “Comparative effectiveness evaluation: epidemiological methods to compare outcomes among interventions, population groups and hospitals”, in *Rome, organized by National Institute of Health (ISS), Department of Epidemiology Lazio Regional Health Service, University of Turin, Italy*

20-25 July 2015: Summer School in “Applied Health Econometrics and Health Policy”, in *Bergamo (IT), organized by Bicocca, CRISP and University of Bergamo, Italy*

11-15 September 2012: 1st European EoC Summer School “Towards a Bridging Economy”, in *Lisbon, organized by Universidade Católica Portuguesa and International Commission of Economy of Communion, Portugal*

20-22 May 2011: Math School Alfaclass Upgrade, *Fondazione CRT in collaboration with University of Torino and Politecnico of Torino*

7-11 September 2010: Math School Alfaclass, *Fondazione CRT in collaboration with University of Torino and Politecnico of Torino*

July 2008: Physics Summer School in *Princeton (USA), organized by LNGS*

Personal
interests

Craftsmanship and ski touring