

PERSONAL INFORMATION

Daniela Lena

Address	Marche Polytechnic University, Faculty of Economy "Giorgio Fuà", Department of Economics and Social Science (DiSES), Ancona, Italy.
Telephone(s)	
E-mail	d.lena@pm.univpm.it
Nationality	Albanian
Date of birth	SEPTEMBER 16 TH , 1989
Gender	Female

ACTUAL POSITION

March 2022-currently

Research fellow in Applied Economics (SSD SECS-P/06)

Marche Polytechnic University, Faculty of Economy "Giorgio Fuà", Department of Economics and Social Science (DiSES), Ancona, Italy

Title of the project: "Valutazione strategica delle tecnologie e analisi dei modelli operativi per lo sviluppo degli ecosistemi innovativi in ambito Domotica e Intelligenza Artificiale". Within project: Marche Innovation and Research fAcilities for Connected and Sustainable Living Environment -MIRACLE- Por Marche FESR 2014/2020.

Supervisor: Prof. Marco Cucculelli

EDUCATION

November 2018-currently

Ph.D. Candidate in Economics

Marche Polytechnic University, Faculty of Economy "Giorgio Fuà", Department of Economics and Social Science (DiSES), Ancona, Italy

I attended a 3-years Ph.D. course in Economics which aims to train students for a career in academic and policy-relevant research institutes. Attending advanced courses in microeconomics, macroeconomics, econometrics, mathematics, and statistics, I got the necessary tools and skills to be part of the research environment. Attending also different laboratory courses such as Matlab, Octave, Latex, R and Gretl, I had the possibility to acquire the basic skills of programming.

October 2017

Master's Degree in Economics and Management

Marche Polytechnic University, Faculty of Economics "Giorgio Fuà", Department of Management, Ancona, Italy

I attended a 2-years master's degree in Economics and Management whose aim is to provide students the skills to deal with problems related to administration, finance, and control problems in the corporate field. Studying subjects such as Business Strategies, Industrial Organization, B2B/B2C Marketing, Accounting, Corporate Quantitative Methods, Corporate Statistics, and Industrial Economy gave me the knowledge and skills required from the job market. Also, being part of the different projects carried out during the courses gives me the possibility to get a deeper understanding of the corporations' necessities.

October 2007 – July 2011

Integrated Diploma II level, DND

University of Tirana, Faculty of Economy, Department of Management, Tirana, Albania

I attended a single-cycle degree (equivalent to a master's degree) in Business Administration. The degree program in Business Administration aims to provide students with a range of skills suited to undertake several different careers which requires economic and financial skills as well as the in-depth knowledge of corporate sectors. After developing basic knowledge in economics, law, mathematics, statistics, and business, the program involved advanced

courses in business management. Studying subjects such as Decision Making, Corporate Governance, Project Management, and Marketing has provided me with the skills required to pursue a managerial career.

TRAINING/COURSES

November 25-30, 2021 **DEA/SFA courses: Performance Measurement Using Data Envelopment Analysis (DEA) & Stochastic Frontier Analysis (SFA)**

Online courses organized by PIM Ltd (Emmanuel Thanassoulis & Ali Emrouznejad)

I attended a 6-days online course on DEA and SFA where I got the possibility to deeply understand the fundamentals of Data Envelopment Analysis (DEA) and Stochastic Frontier Analysis. DEA and SFA are the general-purpose methods for efficiency and productivity analysis in complex multi – output and multi- input contexts in the production of goods and services. Moreover, I had the opportunity to learn to use PIM software for DEA analysis and Stata software for SFA applications.

September 27-29 and, October 04-06, 2021 **Dynamic Panel Data Analysis Course**

Online courses organized by TStat Training Courses

I attended a two-week course on Dynamic Panel Data analysis which offered to me a complete overview of dynamic panel data analysis techniques. It provides me the opportunity to acquire the more advanced technical capabilities currently available for panel data analysis. I got the possibility to deeply understand, through a series of illustrative examples, the theoretical approach of Instrumental variable analysis (IV) and Generalized methods of moments (GMM) and more recent issues in dynamic panel data analysis, such as weak instruments with persistent data; instrument proliferation; gaps in the data; estimation with serially correlated errors; robust inference with multiway clustering and the finite-sample performance of estimators and tests.

July 05-09, 2021 **Quantitative Methods for Public Policy Evaluation Course**

Barcelona GSE Summer School 2021 Edition, Barcelona Graduate School of Economics, Spain (online).

I attended an online course on the Quantitative Methods for Public Policy Evaluation in Barcelona GSE. Following this course, I have deepened my knowledge of the main approaches used in the evaluation of public policies: randomized evaluations, natural experiments, the regression discontinuity design, selection on observables, difference-in-differences / fixed-effects, and synthetic control.

November 25-30, 2021 **Analysing Micro Data in Stata Course**

Online courses organized by TStat Training Courses.

I attended a one-week course on micro-data analysis on Stata, where I got the possibility to deeply understand both, theoretical and applied frameworks. The course was concentrated on the following methodologies: count models, binary dependent variable models, multinomial models, Tobit and Interval Regression models, models with treatment variables, and models with Sample Selection. Furthermore, the session was focused on: i) the Control Function approach for the estimation of non-linear models with endogenous continuous variables; and ii) the latest Stata commands for the estimation of Extended Regression Models (ERM), which implement Maximum Likelihood estimators capable of simultaneously treating issues of Sample Selection and the presence of both endogenous regressors and treatment variables.

WORK EXPERIENCE

October 2019– October 2021

Academic tutoring activities in Microeconomics

Marche Polytechnic University, Faculty of Economy “Giorgio Fuà”, Department of Economics and Social Science (DiSES), Ancona, Italy

The course presents the basic analytical tools of microeconomics. The course starts by looking at the decision making of individual consumers and asking how these decisions can be optimized or improved. Next, it looks at the way firms make and coordinate their decisions under varying market structures. Then it looks at strategic behavior in imperfectly competitive markets. Finally, it takes up topics including information economics, environmental externalities, and public goods. I gave my didactic support to the students aiding them to handle the problem related to each topic.

Type of business or sector: Education

August 2019 – September 2019

Junior Researcher

Marche Polytechnic University, Faculty of Economy “Giorgio Fuà”, Department of Economics and Social Science (DiSES), Ancona, Italy

I had the opportunity to be part of the Interreg Central Europe program as a Junior Researcher. I took part in the “Transnational Action to advance SKills and competences FOR Community engagement and social Migrants Entrepreneurship (ME) initiatives in Central Europe” (TASKFORCOME) project. I gave my contribution in analysing the lack/needs of competencies and skills of migrant entrepreneurs and start-uppers and related training/educational requirements. I was also involved in analysing the services and the activities that help ME in TASKFORCOME areas, in order to design and develop targeted support actions. We also collected useful information with case studies in the CE area, which were selected according to the effectiveness of the initiative, range of services offered, and geographical scope.

Type of business or sector: Education

March 2018 – July 2018

Academic tutoring activities

Marche Polytechnic University, Faculty of Economy “Giorgio Fuà”, Department of Economics and Social Science (DiSES), Ancona, Italy

I had also the opportunity to be part of Value Training Course P.A. entitled "Basic course of European projecting for civil servants" coordinated by the Department of Economics and Social Sciences. The main objective of the course was to give a big picture of the way how a European project is constructed and in which way should be written for being competitive and getting the possibility to be funded from the EU. I took care of the operative part in order to support the implementation of the Value Training Course P.A. I was also in charge of managing the e-learning platform in order to help the learning process of the students.

Type of business or sector: Education

July 2014 – May 2016

Customer Assistant

Italia Oro Srl, Corso Stamira 54, Ancona (AN), Italy

The main daily activities consisted of commercial transactions with the purpose of valuing and purchasing precious assets (gold and silver); daily monitoring of possible fluctuations of the value of precious assets and determination of the best price of them; registration of transactions in the purchasing register according to legislative regulations; organization of the working days: coordination of the timetables and the necessary cash; aid and support customer by providing information and helping them in their transaction decisions.

Type of business or sector: Retail

October 2012 – September 2013

Customer Service Assistant

International Commercial Bank, Murat Toptani St. (Eurocol Center), Tirana, Albania

The main tasks were dealing with customers financial needs and front office operations aimed at solving customer routine problems such as, various payments (in the form of cash or checks), withdrawal and deposit of money, bank transfers, currency exchange, the opening of new accounts and securities transactions and other banking services. Moreover, I did back-office support such as cash ATM coordination, organization of customer documents on bank archives, support quotidian control of the main fund and gathering customers' claims; explaining, advising, and promoting bank products and services to customers.

Type of business or sector: Financial Service

July 2011 – September 2012

Customer Assistant

Siem Alba Srl; Euronics, Autostrada Tirane-Durres km 12, Shopping Center CityPark, Tirana, Albania

The main tasks were assisting and caring of the customer's needs with the aim of creating a friendly atmosphere. Maintaining all front office operations such as receiving cash in cash, checks, credit cards, vouchers, or automatic charges; keeping accurate records of the sale of the goods; ensuring that there is sufficient liquid available at the counter; calculating the total payment at the end of the day. Receiving customer complaints and collaborating with the manager or department managers to resolve them.

Type of business or sector: Retail

July 2011 – May 2012

Management Consultant (part-time)

A-E-1 Sh.p.k, Autostrada Tirane-Durres, km 10, Tirana, Albania

The main task was to support the development of the corporate business; cooperate with the General Directorate to solve organizational problems and make the best decisions; monitoring financial performance with the main focus on risk and cost management. Direct support also on marketing and human resources department, through monthly sales, plan developing, test product knowledge of the customer (customer questionnaire), support on developing advertising plan, post job adverts, assist directly on candidate selection and helping on the organization of human resource training plan.

Type of business or sector: Food Industry

March – May 2011

Internship

Ministry of Tourism, Culture, Youth and Sports, Rr. Aleksander Moisiu, Tirana, Albania

The main activities consisted of supporting and assisting the organization of the human resources through help in training and organization of staff; selection and recruitment the new staff; calculating monthly salaries; upgrading the existing staff information.

Type of business or sector: Public Administration

PERSONAL SKILLS AND COMPETENCES

Mother Tongue

Albanian

Other language

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
Italian	C1	C1	C1	C1	C1
English	B2	B2	B2	B2	B2
German	A2	A2	A2	A2	A2

*EFCambridge English Level Test Certification (December 2015)
Deutsch Akademie Sprachzertifikat, Berlin (December 2016)*

TECHNICAL SKILLS AND COMPETENCES

Curriculum Vitae

Daniela Lena

I have good proficiency in working with the Office Suite (Word, Excel, PowerPoint), which I often used during my college career and my work experience (especially Excel). I have also attended a university course on economic software such as Finance 5.0 and Cognos Insight. During my first year of my Ph.D., I get the possibility to follow courses like Matlab, Octave, Stata, R, Gretl, and Latex. I am currently working with GAMS software which is a high-level modelling system for mathematical optimization. I also use Stata and R for other operations not covered by GAMS.

OTHER COMPETENCES AND INTERESTS

Thanks to my work and college experiences I developed a good ability to work and relate to people of other nationalities and cultures. During the university period, I held administrative support at the Economics University in Ancona, which allowed me to have a great ability to interact in a group, share new ideas, and collaborate with others. I am a responsible person and able to catch and take ahead new opportunities. I also like working in an open and dynamic corporate environment. I can carry out the tasks assigned independently, respecting deadlines. I am comfortable working as a member of a team as well, with higher flexibility and accountability. I was always interested in the academic field, and I am committed to deepening my knowledge in Economic development, Economic growth, Environmental Economics, Industrial Economics, Business Development, Small Business Economics, Performance Measurement, Business Model Design.

OTHER INFORMATION

Master's degree thesis

Industry 4.0: Perspectives for the regional economic system

Ph.D. thesis

Sustainable Economic growth and Efficiency

Journal Publications

"Tecnologie digitali e sistema produttivo, Prime evidenze per le Marche", Cucculelli M., Lena D., *Economia Marche - Journal of Applied Economics*, vol. 36, N°2, (2017).

"Exploitative Innovation and the Impact of Realized Absorptive Capability and Technology Oriented", Busho N., Lena D., *European Journal of Social Science Education and Research*, vol. 5, Issue 3, (2020).

Conferences

Society for Benefit-Cost Analysis (SBCA) 2021 Annual Conference (online March 17-24, 2021)
11th (virtual) North American Productivity Workshop (NAPW XI), at University of Miami, Miami Herbert Business School, Miami, USA, (Online June 8-15, 2020).

Membership

European Workshop on Efficiency and Productivity Analysis (EWEPA-XVII), Porto, Portugal. (Further coming, June 27-29, 2022).

ISEaPA- International Society for Efficiency and Productivity Analysis, AERE-Association of Environmental and Resource Economists, SCBA- Society for Benefit-Cost Analysis

Personal data

I authorize the processing of my personal data pursuant to Legislative Decree 30 June 2003, n. 196 "Code regarding the protection of personal data.

Firma



May 03, 2022