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Maria Elena Boatcă Barabaș

Date of Birth: 04/15/1990 | **Citizenship:** Romanian | **Gender:** Female | **Email:**maria.boatca@upt.ro |

Address: 1 Mihai Viteazu Blvd., SPM Building, Room 222A, Timișoara, Romania (Work)

PROFESSIONAL EXPERIENCE

February 1, 2024 – Present – Timișoara, Romania

ASSISTANT PROFESSOR, POLYTECHNIC UNIVERSITY OF TIMIȘOARA

- Teaching activities (seminars, labs) in the following courses: General Economics, Microeconomics, Macroeconomics, Economic and Financial Analysis, Ergonomics, Investment Engineering and Management, Knowledge Management, and Business Negotiation
- Scientific research
- Coordination and mentoring activities both within regular teaching activities and in extracurricular activities such as entrepreneurship competitions, Blended Intensive Programs, and Living Labs.

01/01/2025 - IN PROGRESS - ROMANIA

MANAGEMENT RESEARCHER, POLYTECHNIC UNIVERSITY OF TIMIȘOARA

Scientific research activities as part of the project “Finance and Climate Change: Investigating the Interdependence Between Energy Prices, Green Finance, Carbon Emissions, and Monetary Policy.”

January 31, 2022 – January 31, 2024 – Timișoara, Romania

ASSOCIATE FACULTY MEMBER (ASSISTANT PROFESSOR) POLYTECHNIC UNIVERSITY OF TIMISOARA

- Seminar activities for the courses General Economics, Microeconomics, Economic and Financial Analysis, Knowledge Management and Business Negotiation, and Investment Engineering and Management

11/17/2023 - IN PROGRESS - TIMIȘOARA, ROMANIA

TRAINER FOR THE “EDU4PLASTICIRCULAR” PROJECT, POLYTECHNIC UNIVERSITY OF TIMIȘOARA

The Erasmus+ project “EDU4PlastiCircular” — Education for Plastic in a Circular and Climate-Neutral Economy: Preventing Waste from Ending Up in the Environment, grant agreement 2023-1-RO01-KA220-HED-00016624.

Main responsibilities:

- Specific project team management activities
- research activities
- development of training materials
- dissemination activities

07/06/2023 - IN PROGRESS

TRAINER FOR THE “ACCELERATE FUTURE HEI” PROJECT, POLYTECHNIC UNIVERSITY OF TIMIȘOARA

The “Accelerate Future HEI” project, part of the Horizon Europe-WIDERA-2022-ERA-01 program, grant agreement no. 101095083

Main Responsibilities:

- Contributions to the analysis of the potential and strategy for digital transformation and innovation at UPT
- participating in the development of UPT’s digital transformation and innovation plan

- Outreach activities

October 31, 2022 – October 31, 2025 – TIMIȘOARA, ROMANIA

QUALITY SPECIALIST, VIRTUAL EDU **TRAINER**, POLYTECHNIC UNIVERSITY OF TIMIȘOARA

Trainer and quality manager within the Erasmus+ project "Upskilling and certification scheme for virtual educators," grant agreement no. 2022-1-RO01-KA220-HED-000086331

Main Responsibilities:

- quality management of project deliverables
- research activities
- development of training materials
- dissemination activities

March 1, 2025 – June 30, 2025 – ROMANIA

DIGIFUNCOLLAB **TRAINER**, POLYTECHNIC UNIVERSITY OF TIMISOARA

Erasmus+ Project "Developing Digital Self-Learning Courses in Social Entrepreneurship for Future Collaboration between University and Community" (DigiFunCollab), grant agreement 2023-IT02-KA220-HED000158730.

Main Responsibilities:

- Developing training materials in English and adapting them into Romanian
- Training participants using the developed materials and the project's e-learning platform
- Mentoring activities to help develop business plans in the field of social entrepreneurship
- Dissemination activities

June 15, 2023 – April 30, 2025 – ROMANIA

PUBLIC RELATIONS SPECIALIST, JUSTEM PROJECT, VALEA JIULUI SOCIAL INSTITUTE ASSOCIATION

The "JUStice in Transition and EMpowerment against energy poverty" (JUSTEM) Project, LIFE Project Grants, grant agreement no. 101076151

Main Responsibilities:

- Developing project documents focused on just transition and reducing energy poverty in the Jiu Valley, Romania
- Preparation of an analysis of the current situation and future courses of action regarding the just transition of the Valea Jiului mining area
- National and international outreach activities, including in collaboration with the Just Transition Platform (JTP)

April 2022 – April 2023 – Timișoara, Romania

RESPECTNET **TRAINER**, POLITEHNICA UNIVERSITY OF TIMISOARA

Erasmus+ Project, KA2 Strategic Partnership Project "RespectNET - Respectful Communication through Media Education Network," Project/Contract No.: 2021-1-IT02-KA220-HED-000027578

Main responsibilities:

- developing training materials
- research activities

October 2021 – June 29, 2023 – Timișoara, Romania

TRAINER FOR THE "MUST" PROJECT, POLYTECHNIC UNIVERSITY OF TIMIȘOARA

Erasmus+ project "Multimedia Competencies for University Staff to Empower University–Community Collaborations," grant agreement 2020-1-RO01-KA203-080399

Main responsibilities:

- Research activities
- Development of training materials
- Certification as a DigiCoach

- Trainer in the MUST program

June 30, 2018 – February 29, 2020 – TIMISOARA, ROMANIA

ECONOMIST AND MANAGEMENT EXPERT, EIP-MACRO, POLYTECHNIC UNIVERSITY OF TIMISOARA

Research grant "The relationship between energy investments, energy price shocks, and the macroeconomy in EU countries," contract number 13/2018, code PN-III-P1-1.1-TE-2016-0142

July 31, 2013 – December 31, 2020 – Timișoara, Romania

SENIOR RESEARCH ANALYST (SENIOR ECONOMIST IN GENERAL ECONOMICS) AT THE SMART CUBE SRL

Part of Strategic Services Group (SSG) – the strategic consulting services division Main responsibilities and categories of consulting services:

- supplier benchmarking
- procurement support
- competitor benchmarking
- market studies
- strategy consulting services

EDUCATION AND TRAINING

12/15/2025

REMOTE MANAGER - ECQA

February 2023 – April 2023 – ROMANIA

IMPACTFUL ACADEMICS - ONLINE **TRAINING COURSE** - UNIVERSITY-INDUSTRY INNOVATION NETWORK

2014–2022 – TIMIȘOARA, ROMANIA

Ph.D. in Engineering and Management—Politehnica University of Timișoara

The doctoral dissertation was highly regarded both by the doctoral committee, which awarded it the grade "Excellent" (summa cum laude), and by the academic community, as evidenced by the "Award for the Best Doctoral Dissertation" presented by the Romanian Academic Society of Management (SAMRO) (https://samro.ro/evenimente-recente-in-imagini/)

Field(s) of study: Engineering and Management | **Final degree:** "Excellent" | **Thesis:** "Evaluation of Ergonomic Interventions in Production Systems" | **Website:** www.upt.ro

2012–2014 – PETROSANI, ROMANIA

MASTER'S STUDENT – UNIVERSITY OF PETROSANI

Field(s) of study: Occupational Health and Safety | **Final grade:** 10 | **Website:** www.upet.ro 2009–2012 – PETROSANI, ROMANIA

BACHELOR OF SCIENCES IN ECONOMICS—UNIVERSITY OF PETROSANI

Field(s) of study: Management | **Final degree:** Valedictorian | **Website:** www.upet.ro 2012–2014 – PETROSANI, ROMANIA

PSYCHOPEDAGOGICAL TRAINING COURSE—LEVEL II—DEPARTMENT OF TEACHER TRAINING AND CONTINUING EDUCATION, UNIVERSITY OF PETROȘANI

2009–2012 – PETROSANI, ROMANIA

PSYCHOPEDAGOGICAL TRAINING COURSE – LEVEL I – DEPARTMENT OF TEACHER TRAINING AND CONTINUING EDUCATION, UNIVERSITY OF PETROȘANI

September 10, 2012 – September 28, 2012 – Petroșani, Romania

OHS SPECIALIST - S.C. EUROCONSULT 07 S.R.L.

LANGUAGE SKILLS

Native language(s): **ROMANIAN**

	COMPREHENSION		SPOKEN		WRITING
	Oral Comprehension	Reading	Written Expression	Conversation	
ENGLISH	C2	C2	B2	C1	C2
FRENCH	B1	B2	B1	B1	B1

SKILLS

Microsoft Office | Google Drive | Zoom | Outlook | Social Media/Social Networks | Gmail | Remote Teaching | Remote work | Media production skills | AI software | Digital content creation

PUBLICATIONS

Scientific Publications

Over the past 10 years (2015–2026), my scientific research has resulted in the following:

- co-author of 11 books and book chapters published by domestic and international publishers
- 8 scientific papers published in journals and volumes indexed in the international Web of Science (Clarivate Analytics) database
- 11 articles published in the proceedings of scientific conferences (Proceedings) indexed in Web of Science (WoS) (ISI) Proceedings
- 9 articles published in journals and conference proceedings, indexed in other databases

HONORS AND AWARDS

November 30, 2022 Romanian Academic Society of Management (SAMRO)
SAMRO Award for Best Doctoral Dissertation
Linkshttps://samro.ro/evenimente-recente-in-imagini/

DRIVER'S LICENSE

Driver's License: B

MANAGEMENT AND LEADERSHIP SKILLS

Teamwork and leadership skills

I acquired these skills through my professional experience at SC The Smart Cube SRL and through the projects co-financed by European funds in which I participated.