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Curriculum Vitae

Personal information

Surname/ First names **FOGORASI MAGDALENA SIMONA**

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Faculty of Engineering
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Complex Universitar M (Micălaca, zona III), RO-310330, Arad
ROMANIA

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Nationality Romanian

Date of birth 14.07.1967

Gender Female

Work experience

Dates **March 2005– present**

Occupation or position held **Associate Professor**

Main activities and responsibilities

Teaching and research activities:

- Teaching subjects like Textile Biotechnology, Dyestuff and Surfactants, Waste Water Treatment , Environmental Protection, Chemistry, Textile Fibres, Textile Metrology
- Member of several national and international project and research teams:
 - a. **PROGRAMME BIOTECH** – „*Biotechnology for textile wastes*”, subprogram 3, project category P.E.D., Contract nr. 4521/14.12.2004, Financed by – Education and research Ministry, PNCDI, Research National Institute for Textile and leather, consortium type grant, Agricultural Sciences and Veterinary Medicine University, Bucharest –contractor, "A. Vlaicu" University of Arad-associated contractor. Duration 2004 – 2006; as team member
 - b. Grant from **SECTORIAL PROGRAM**, „*Systems to increase environmental protection in textile and leather industry*”, Subcontracting UAV, Contract nr.3741/12.10.2005, Financed by –Education and research Ministry, Duration 2006-2008; As team member.
 - c. **Grant Excellency Research**: “*Competitive Technologies for the Waste Valorization in Textile and Leather Industry*”, 2006 – 2008.
 - d. Grant Excellency Research *PARTEXNET Scientific Partnership in the Field of Nanoscience and Nanotechnologies applied to Textiles*
 - e. Bilateral Programme Romania – Russia, “**New Biomaterials by Enzyme Immobilization in/on Cryogel-Based Macroporous Carriers**” (#07- 03-91682 RA_a), 2008-2009, as team member.
 - f. **European Program COST 847** “*Textile Quality and Biotechnoloy*”, member in the working group 4, Enzymatic treatment of wool fibre 2000-2005.
- Erasmus coordinator at the Faculty of Engineering
- Reviewer for several scientific journals (ISI Web of Science with impact factor): Textile Research Journal, SAGE Publications Ltd, Journal of Natural Fibres, Taylor&Francis, Journal of Cleaner Production (Elsevier)

Name and address of employer University Aurel Vlaicu of Arad, Faculty of Engineering, str. Elena Dragoi, Nr. 2
Complex Universitar M (Micălaca, zona III), RO-310330, Arad
ROMANIA

Type of business or sector	Education and Research
Dates	January 2010– January 2011
Occupation or position held	Erasmus Institutional Coordinator
Main activities and responsibilities	▪ Responsible with the organisation of student and teacher mobility, establishment of inter-institutional agreements ▪ 2010 February - attendance at Erasmus seminar organised by ANPCDEFP, Bucuresti; ▪ 2010 April- attendance at the Erasmus seminar “<i>IIIrd International Meeting</i>”, Opole University of Technology, Poland, as a promoter of UAV, the establishment of new inter-institutional agreements ▪ 2010 September - attendance at the Erasmus seminar „<i>Synthesis regarding the participation to the LLP/Erasmus seminar in Bologna context</i>” organised by ANPCDEFP, Bucuresti ▪ 2010 December – monitoring visit of Erasmus outgoing students at IP Leiria, Portugal and broadening of student and teaching mobility for a new field of studies; ▪ Preparation of a guidebook for Erasmus incoming students: Erasmus Students Guide Book”, Editura Universității Aurel Vlaicu, 2010, ISBN 978-973- 752-518-5- 378(498)
Name and address of employer	University Aurel Vlaicu of Arad, Faculty of Engineering
Type of business or sector	Education and Research
Dates	03 /1997 – 03/2005
Occupation or position held	Lecturer
Main activities and responsibilities	▪ Lecturer ▪ Teaching and research activities ▪ Member of the European Program COST ACTION 847, <i>Textile Quality and Biotechnology</i> Working Group 4 Enzymatic treatment of wool fiber ▪ <i>Short Term Scientific Mission</i> at the German Wool Research Institute, Aachen, Germany ▪ Member of the national research programme BIOTECH concerning the <i>Development of Biotechnologies for natural fibres to reduce environmental pollution</i>
Name and address of employer	University Aurel Vlaicu of Arad, Faculty of Engineering, Textile Department, Calea Aurel Vlaicu, NO 43
Type of business or sector	Education and Research
Dates	10/1993 –03/ 1997
Occupation or position held	Assistent Professor
Main activities and responsibilities	▪ Seminars teaching: Equipment for Textile Finishing, Chemical Finishing of Textile Products
Name and address of employer	“Aurel Vlaicu” University, Arad, Faculty of Engineering Textile Department , Calea Aurel Vlaicu, NO 43
Type of business or sector	Education and Research
Dates	September 1991- September 1993
Occupation or position held	Substitute Teacher
Main activities and responsibilities	Education
Name and address of employer	German Secondary School Arad Substitute teacher at the German Department
Type of business or sector	Education
Dates	09/1990 – 08/1991
Occupation or position held	Engineer
Main activities and responsibilities	Engineer in the Finishing Department of wool woven and blends, Supervising the team and the manufacturing process
Name and address of employer	S.C. Libertatea S.A. Sibiu, Str. Tg. Finului Nr. 12, Sibiu

Type of business or sector	Textile Industry
Education and training	
Dates	1985 - 1990
Title of qualification awarded	Engineering degree in Textile Chemistry
Principal subjects/occupational skills covered	Organic and Inorganic Chemistry, Physical Chemistry, Textile Dyeing and Printing, Textile Bleaching and Finishing 1990 - Bachelor of Engineering degree specialised in Chemical Finishing of Textile Products
Name and type of organisation providing education and training	Faculty of Textile Chemistry and Technologies - "Gheorghe Asachi" Politechnical Institut, Iasi, Romania
Dates	1996 - 2003
Title of qualification awarded	PhD diploma in Chemical Engineering Scientific supervisor: Prof. Dr. Eng. Aurelia Grigoriu, Doctoral thesis: <i>"Ecological Finishing Procedures obtained through Biochemical Change of Cellulosic and Proteic Fibres"</i>
Principal subjects/occupational skills covered	Specialization in Textile Biotechnology ,
Name and type of organisation providing education and training	"Gheorghe Asachi" Technical University, Iasi, Romania
Dates	2000 – 2015
Title of qualification awarded	- Member of the European Programm COST Action 847 Textile Quality and Biotechnology. Short Term Scientific Mission in the frame of the Cost 847 Program (1.10.2001- 01.11.2001), at Deutsches Wollforschungsinstitut an der RWTH AACHEN, mission led by Dr. Elisabeth Heine <i>Specialization in the field of enzymatic treatment of wool fibre, enzyme immobilization, enzyme activity, fluorescently labelling of enzymes</i> - Doctoral stage at DWI, Aachen, Germania (2 months November-December 2001) enzymatic treatment of wool fibre and assessment of material properties - Research stage at Nesmeyanov Institute of Organoelement Compounds, Russian Academy of Sciences, Moscova, Russia Federation (April 2008)- enzyme immobilization - Attendance at the program Young Scientists and Professionals Program 2009, Water Berlin, March 29 – April 3, 2009.
Principal subjects/occupational skills covered	<i>Textile Biotechnology, Enzyme Immobilization, Enzyme activity, fluorescently labeling of enzymes</i> <i>Water Resources Management</i>
Personal skills and competencies	
Mother tongues	Romanian
Other languages	English - International Language Centre Certificate, at level A10, Council of Europe Level B 1.2.
Self-assessment	
<i>European level (*)</i>	
English	
German	

(*) Common European Framework of Reference for Languages

Social skills and competencies	• Experience in leading and working in teams • Good communication skills • Ability of interpersonal relations
Organizational skills and competencies	▪ Research and organizational skills and competencies acquired through participation as a member in national and international research projects • Experience in organizing workshops and events acquired as Erasmus Institutional coordinator Member of Office of EU Programs and Project Office, responsible for Socrates Erasmus Program in Faculty of Engineering
Computer skills and competencies	Office Programs
Technical skills and competencies	Chemical finishing of Textile Products, Textile biotechnologies, Enzyme immobilization, Colour Measurement, Environmental Protection, Textile Ecotoxicology.
Other skills and competences	Acquired through projects, courses & training ▪ Continuing Education Course on "Heavy metals from soil evaluation using vegetal bio indicators" (organized by USAMVB Timișoara and Analytik Jena Romania SRL, Timișoara/ 03/2008) ▪ Research stage on <i>enzyme immobilization</i> at Nesmeyanov Institute of Organoelement Compounds, Russian Academy of Sciences, Moscova, Russia Federation (April 2008) ▪ Summer Academy on Up to date Technical subjects Didactics (Alba-Iulia, 07/2012) ▪ Continuing Education Course on Didactics for University Professors - "New ways of learning" concerning specifically blended learning didactics (Predeal, 09/2012) ▪ Post graduate Course „Universitaria – Școală de didactică universitară și cercetare științifică avansată POSDRU 157/1.3/S/135590", Modules on advanced scientific research & didactics, UVT, Timișoara, February –December 2015.
Additional information	35 papers in refereed journals: out of which 14 in ISI / indexed in international database journals 30 presentations at international scientific meetings 5 Books 1 RO patent Member of National Professional Organization affiliated international: SChR: Romanian Society of Chemistry- society affiliated to the European Federation of Chemical Societies European Federation of Biotechnology
Driving licence	Type B