



# Europass

## Curriculum Vitae

### Personal information

Surname/ First names **FOGORASI MAGDALENA SIMONA**

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

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Nationality Romanian

Date of birth

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 Biotechnology*”, 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

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|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type of business or sector           | Education and Research                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Dates                                | <b>January 2010– January 2011</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Occupation or position held          | <b>Erasmus Institutional Coordinator</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Main activities and responsibilities | <ul style="list-style-type: none"> <li>▪ Responsible with the organisation of student and teacher mobility, the establishment of inter-institutional agreements</li> <li>▪ 2010 February - attendance at Erasmus seminar organised by ANPCDEFP, Bucuresti;</li> <li>▪ 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</li> <li>▪ 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</li> <li>▪ 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;</li> <li>▪ 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)</li> </ul> |
| Name and address of employer         | University Aurel Vlaicu of Arad, Faculty of Engineering                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Type of business or sector           | Education and Research                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Dates                                | <b>03 /1997 – 03/2005</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Occupation or position held          | <b>Lecturer</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Main activities and responsibilities | <ul style="list-style-type: none"> <li>▪ Lecturer</li> <li>▪ Teaching and research activities</li> <li>▪ Member of the <b>European Program COST ACTION 847</b>, <i>Textile Quality and Biotechnology</i> Working Group 4 Enzymatic treatment of wool fiber</li> <li>▪ <i>Short Term Scientific Mission</i> at the German Wool Research Institute, Aachen, Germany</li> <li>▪ Member of the national research programme BIOTECH concerning the <i>Development of Biotechnologies for natural fibres to reduce environmental pollution</i></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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                                | <b>10/1993 –03/ 1997</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Occupation or position held          | <b>Assistent Professor</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Main activities and responsibilities | <ul style="list-style-type: none"> <li>▪ Seminars teaching: Equipment for Textile Finishing, Chemical Finishing of Textile Products</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Name and address of employer         | “Aurel Vlaicu” University, Arad, Faculty of Engineering<br>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<br>Substitute teacher at the German Department                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Type of business or sector           | Education                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Dates                                | <b>09/1990 – 08/1991</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Occupation or position held          | <b>Engineer</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 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,<br>Str. Tg. Finului Nr. 12, Sibiu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

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|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type of business or sector                                     | Textile Industry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Education and training</b>                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Dates                                                          | 1985 - 1990                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Title of qualification awarded                                 | <b>Engineering degree in Textile Chemistry</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Principal subjects/occupational skills covered                 | Organic and Inorganic Chemistry, Physical Chemistry, Textile Dyeing and Printing, Textile Bleaching and Finishing<br>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 Institute, Iasi, Romania                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Dates                                                          | <b>1996 - 2003</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Title of qualification awarded                                 | <b>PhD diploma in Chemical Engineering</b><br>Scientific supervisor: Prof. Dr. Eng. Aurelia Grigoriu,<br>Doctoral thesis: <i>"Ecological Finishing Procedures obtained through Biochemical Change of Cellulosic and Proteic Fibres"</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Principal subjects/occupational skills covered                 | Specialisation in <b>Textile Biotechnology</b> ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Name and type of organisation providing education and training | "Gheorghe Asachi" Technical University, Iasi, Romania                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Dates                                                          | <b>2000 – 2015</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Title of qualification awarded                                 | <ul style="list-style-type: none"> <li>Member of the European Programme <b>COST Action 847 Textile Quality and Biotechnology</b>.</li> <li><b>Short Term Scientific Mission</b> 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></li> <li>Doctoral stage at DWI, Aachen, Germany ( 2 months November-December 2001), enzymatic treatment of wool fibre and assessment of material properties</li> <li>Research stage at <b>Nesmeyanov Institute of Organoelement Compounds, Russian Academy of Sciences, Moscow</b>, Russia Federation ( April 2008)- enzyme immobilization</li> <li>Attendance at the program <b>Young Scientists and Professionals Program 2009, Water Berlin</b>, March 29 – April 3, 2009.</li> </ul> |
| Principal subjects/occupational skills covered                 | <i>Textile Biotechnology, Enzyme Immobilization, Enzyme activity, fluorescently labelling of enzymes</i><br><i>Water Resources Management</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Personal skills and competencies</b>                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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>                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>English</b>                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>German</b>                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

(\*) Common European Framework of Reference for Languages

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| Social skills and competencies         | <ul style="list-style-type: none"> <li>• Experience in leading and working in teams</li> <li>• Good communication skills</li> <li>• Ability of interpersonal relations</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Organizational skills and competencies | <ul style="list-style-type: none"> <li>▪ Research and organisational skills and competencies acquired through participation as a member in national and international research projects</li> <li>• Experience in organizing workshops and events acquired as Erasmus Institutional coordinator, Member of the Office of EU Programs and Project Office, responsible for the Erasmus+ Program in the Faculty of Engineering</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 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           | <p>Acquired through projects, courses &amp; training</p> <ul style="list-style-type: none"> <li>▪ Continuing Education Course on "Heavy metals from soil evaluation using vegetal bio indicators" (organised by USAMVB Timișoara and Analytik Jena Romania SRL, Timișoara/ 03/2008)</li> <li>▪ Research stage on <i>enzyme immobilization</i> at <b>Nesmeyanov Institute of Organoelement Compounds, Russian Academy of Sciences, Moscow</b>, Russia Federation (April 2008)</li> <li>▪ Summer Academy on Up-to-date Technical subjects Didactics (Alba-Iulia, 07/2012)</li> <li>▪ Continuing Education Course on Didactics for University Professors - "New ways of learning" concerning specifically blended learning didactics (Predeal, 09/2012)</li> <li>▪ Post graduate Course „Universitaria – Școală de didactică universitară și cercetare științifică avansată POSDRU 157/1.3/S/135590", Modules on advanced scientific research &amp; didactics, UVT, Timișoara, February –December 2015.</li> </ul> |
| Additional information                 | <p>36 papers in refereed journals, of which 19 are in ISI / indexed in international database journals</p> <p>30 presentations at international scientific meetings</p> <p>5 Books</p> <p>1 RO patent</p> <p><b>Member of National Professional Organisation affiliated internationally:</b><br/> <b>SChR: Romanian Society of Chemistry-</b> a society affiliated to the European Federation of Chemical Societies</p> <p><b>European Federation of Biotechnology</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Driving licence                        | Type B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |