

CURRICULUM VITAE



PERSONAL INFORMATION

Name	GEORGETA LUCIA DUMITRESCU
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Nationality	Romanian
Date of birth	5 JANUARY 1952

EDUCATION AND TRAINING

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| • Dates (from – to) | 25.10.2004-02.11.2004 |
| • Name and type of organization providing education and training | Viessmann Akademie, Frankenberg, Germany |
| • Principal subjects/occupational skills covered | Fachseminar „Regenerative Energiesystem“ |
| • Title of qualification awarded | Certificate |
| • Dates (from – to) | 15.09.1999-5.11.2000 |
| • Name and type of organization providing education and training | “Transilvania” University of Braşov, Romania |
| • Principal subjects/occupational skills covered | Management and Environmental Protection |
| • Title of qualification awarded | Post university diploma |
| • Dates (from – to) | 1-5.06.2000 |
| • Name and type of organization providing education and training | “Transilvania” University of Braşov in collaboration with DRIM Conseil Strasbourg, France |
| • Principal subjects/occupational skills covered | Sustainable development |
| • Title of qualification awarded | Certificate |
| • Dates (from – to) | 23-24.03.2000 |
| • Name and type of organization providing education and training | “Transilvania” University of Braşov in collaboration with ICIM Bucureşti, Romania |
| • Principal subjects/occupational skills covered | Impact studies for environment |
| • Title of qualification awarded | Certificate |
| Dates (from – to) | 10-19.11.1999 |
| • Name and type of organization providing education and training | “Transilvania” University of Braşov in collaboration with TU. Delft-Olanda |
| • Principal subjects/occupational | Materials Science: Ceramics |

skills covered	
• Title of qualification awarded	Certificate
• Dates (from – to)	1999-
• Name and type of organization providing education and training	„Gheorghe Asachi” Technical University of Iassy, Romania
• Principal subjects/occupational skills covered	Contribution regarding the bio-protection of wood with acrylic copolymers
• Title of qualification awarded	PhD in Chemistry
• Level in national classification (if appropriate)	100%
• Dates (from – to)	1971-1975
• Name and type of organization providing education and training	University of Bucharest, Faculty of Chemistry
• Principal subjects/occupational skills covered	Synthesis of organic compounds
• Level in national classification (if appropriate)	100%
• Dates (from – to)	1975-1976
• Name and type of organization providing education and training	University of Bucharest, Faculty of Chemistry
• Principal subjects/occupational skills covered	Organic Chemistry
• Level in national classification (if appropriate)	100%

WORK EXPERIENCE

• Dates (from – to)	2004- present
• Name and address of employer	“Transilvania ” University of Brasov, Romania
• Type of business or sector	Education and Research
• Occupation or position held	Professor
• Main activities and responsibilities	-Courses in Organic Chemistry, Biochemistry, Biotechnology, Waste Recycling, Renewable Energy Sources -Research activity in nanomaterials based on acrylic polymers and natural polymers, wood adhesives, wood protection, management of waste, environmental protection, recycling waste, recycling polymers, biomass recycling, biofuels.
• Dates (from – to)	2000-2004
• Name and address of employer	“Transilvania ” University of Brasov, Romania
• Type of business or sector	Education and Research
• Occupation or position held	Associate Professor
• Main activities and responsibilities	-Courses and Laboratory courses in Organic Chemistry, Biochemistry, Biotechnology, Waste Recycling, Renewable Energy Sources -Research activity in nanomaterials based on acrylic polymers and natural polymers, wood adhesives, wood protection, management of waste, environmental protection
• Dates (from – to)	1994-2000
• Name and address of employer	“Transilvania ” University of Brasov, Romania
• Type of business or sector	Education and Research

- Occupation or position held Lecturer
- Main activities and responsibilities -Courses and Laboratory courses in Organic Chemistry, Biochemistry, Food and Pharmaceutical Chemistry
-Research activity in nanomaterials based on acrylic polymers and natural polymers, wood adhesives, wood protection, management of waste, environmental protection

- Dates (from – to) 1991-1994
- Name and address of employer "Transilvania " University of Brasov, Romania
- Type of business or sector Education and Research
- Occupation or position held Assistant
- Main activities and responsibilities -Courses and Laboratory courses in Organic Chemistry, Biochemistry, Food and Pharmaceutical Chemistry
-Research activity in polymer synthesis, characterization and application
-Research in wood adhesives, wood protection

- Dates (from – to) 1990-1991
- Name and address of employer "Transilvania " University of Brasov, Romania
- Type of business or sector Research
- Occupation or position held Research Assistant
- Main activities and responsibilities - Laboratory courses in Organic Chemistry, Wood Chemistry, Materials for Wood Technology
-Research activity in wood adhesives, wood protection
Research in polymer synthesis, characterization and application

- Dates (from – to) 1979-1990
- Name and address of employer Research Institute for Auxiliary Organic Compounds, Risnov, Brasov County, Romania
- Type of business or sector Research in polymer chemistry
- Occupation or position held Scientific researcher
- Main activities and responsibilities Synthesis and characterization of new acrylic copolymers
- director of 12 national and international research contracts (synthesis and characterization of acrylic copolymers used in wood industry, textile industry, paper industry).

MANAGEMENT SKILLS

In Education

- undergraduate students supervisor for diploma thesis
- postgraduate students supervisor for post-graduation studies
- Scientific Coordinator of the Materials Science and Engineering Faculty, Transilvania University of Brasov
- member of the Professorial Council in Materials Science and Engineering Faculty, University of Brasov
- coordinator of the *Leonardo da Vinci*, RO/95102/EX Project– "Improving Competencies on Recycling Waste and Sustainable Development RW&SD"

In Research

- Director of more than 30 research grants
- Coordinator of the Biofuels Research Group and Recycling Waste Research Group from the Chemistry Department, Transilvania University of Brasov
- Member of the Polymer group from Chemistry Department
- Scientific reviewer for national Journals and books
- Expert in MCT and CNCSIS Commissions
- Member of Romanian Polymer Association (ARSP)
- Member of Romanian Chemical Society
- Member of the Research Centre: Product Design for Sustainable Development of Transilvania University of Brasov.

PUBLICIST ACTIVITY

- 120 scientific papers published in Romanian and International Journals (ISI)
- 3 patents
- 12 books (monographs, courses) editated at national and international level

Research Domains and Valorization

Research domains

1. *Polymeric Materials with Controlled Properties*
 - a. Copolymerization of acrylic monomers as such and with wood derivatives for obtaining wood adhesives and preservatives
 - b. Chemical modification of wood
 - c. Composites nanomaterials based on acrylic copolymers and natural polymers (lignin, cellulose, starch)
 - d. Composites nanomaterials based on acrylic copolymers and inorganic materials
2. *Valorization of waste and biomass* for obtaining fuels and chemicals
3. *Recycling polymers, recycling waste.*

Research valorization

- patented polymers for leather and textile industry
- patented adhesives for wood industry

PERSONAL SKILLS AND COMPETENCES

- Good communication and team working skills, Mediating skills, Intercultural skills,
- Competences in psychology, music and literature.

MOTHER TONGUE ROMANIAN

OTHER LANGUAGES

	ENGLISH
• Reading skills	GOOD
• Writing skills	GOOD
• Verbal skills	GOOD
	FRENCH
• Reading skills	GOOD
• Writing skills	GOOD
• Verbal skills	GOOD
	GERMAN
• Reading skills	GOOD
• Writing skills	GOOD
• Verbal skills	GOOD

TECHNICAL SKILLS AND COMPETENCES

Computer literacy in MS Windows and MS Office package

