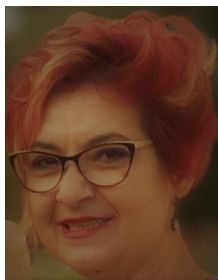


Europass Curriculum Vitae



Personal information

ALBU Ana-Maria
52, Jean Steriadi Street, District 3, Bucharest, Romania
+40 214023884 - Mobile: +40 745 182 2 86/ +40 726 770 392
+40 213111796
anamarialbu@yahoo.com
Romanian
March 01, 1965
Feminine

Desired employment / Occupational field Work experience

October 2005 – August 2011
Associate Researcher
Research activity in field of Fine Organic and Polymer Synthesis
Centre for Organic Chemistry Costin D. Nenitescu Romanian Academy,
202B Spl. Independentei CP 35-108 , Bucharest 060023 ROMANIA,
Phone: +40 213167900, Fax: +40 213121601
Research
October 2003 - present
Associate Professor
Teaching and research activity in field of Science and Engineering of Polymer Materials
University POLITEHNICA of Bucharest, Faculty of Applied Chemistry and Materials Science, Dept.
of Bioresources and Polymer Science,
313 Splaiul Independentei, Sector 6, Bucharest, 060042, Romania
Phone: +40 214029461, Fax. +40 214115365
Academic Education
October 1998 – October 2003
Associate Professor
Teaching and research activity in field of Science and Engineering of Polymer Materials
University POLITEHNICA of Bucharest, Faculty of Applied Chemistry and Materials Science, Dept.

employer	of Bioresources and Polymer Science 313 Splaiul Independentei, Sector 6, Bucharest, 060042, Romania Phone: +40 214029461, Fax. +40 214115365
Type of business or sector	Academic Education
Dates	October 1994 – October 1998
Occupation or position held	Assistant
Main activities and responsibilities	Teaching and research activity in field of Science and Engineering of Polymer Materials
Name and address of employer	University POLITEHNICA of Bucharest, Faculty of Applied Chemistry and Materials Science, Dept. of Bioresources and Polymer Science 313 Splaiul Independentei, Sector 6, Bucharest, 060042, Romania Phone: +40 214029461, Fax. +40 214115365
Type of business or sector	Academic Education
Dates	February 1991 – October 1994
Occupation or position held	Preparator
Main activities and responsibilities	Teaching and research activity in field of Science and Engineering of Polymer Materials
Name and address of employer	University POLITEHNICA of Bucharest, Faculty of Applied Chemistry and Materials Science, Dept. of Bioresources and Polymer Science 313 Splaiul Independentei, Sector 6, Bucharest, 060042, Romania Tel. +40 214029461, Fax. +40 214115365
Type of business or sector	Education
Dates	August 1990- February 1991
Occupation or position held	Engineer
Main activities and responsibilities	Personnel and production management
Name and address of employer	Romanian Chemical Plants, 71, Panduri Road, Bucharest
Type of business or sector	industry
Education and training	
Dates	November 1991 – April 4, 1998
Title of qualification awarded	PhD Engineer/ PhD Diploma: Macromolecular Structures with Potential Application in Non-linear optics
Principal subjects/occupational skills covered	Engineering sciences/ Chemical Engineering / Chemistry and Technology of Polymer Materials/ Polymer Materials for non-linear Optical and Photonic Materials/ Biomaterials
Name and type of organisation providing education and training	University POLITEHNICA of Bucharest
Level in national or international classification	ISCED 6
Dates	October 1984 – July 1990
Title of qualification awarded	Engineer / Engineering Diploma

Principal subjects/occupational skills covered

Macromolecular Chemistry, Polymer Physics, Polymer Synthesis Technology, Polymer Processing Technology, Organic Chemistry, Design and Operation of Equipment in Chemical Industry, Physical Chemistry,

Name and type of organisation providing education and training

University POLITEHNICA of Bucharest, Faculty of Industrial Chemistry, Dept. of Bioresources and Polymer Science

Level in national or international classification

ISCED 5

Personal skills and competences

Mother tongue(s)

Romanian

Other language(s)

Self-assessment

European level (*)

English

French

Understanding

Listening		Reading	
C1	Indep. User	C2	Prof. User
C2	Prof. User	C2	Prof. User

Speaking

Spoken interaction		Spoken production	
C1	Indep. User	C1	Indep. User
C2	Prof. User	C1	Prof. User

Writing

C1	Indep. User
C2	Prof. User

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences

Good communication skills developed in teaching activity; capacity to work with deadlines; teamwork capacity, I can be both leader and member of the team (this skill is supported by the research projects in which I was involved as a member and as coordinator); ability to adapt to multicultural environments, gained through the exchange of ideas at conferences that I attended.

Organisational skills and competences

Ability to make quick decisions and crisis management skills, organizational capacity, experience in project management, gained as general coordinator and partner coordinator in research – CEEX grants

Technical skills and competences

Classical and Modern Synthesis Techniques, Spectrophotometric Techniques (UV-VIS, FT-IR), RMN Characterization of Organic Compounds; Data Interpretation; Professional Soft: Proteus, Opus

Member of the Scientific Board of Colloquium "Physics of Materials" (PM-2), POLITEHNICA University of Bucharest, 8 October 2010, Bucharest, Romania

Chair: 2nd ICFMD, section B Optical Materials, 2007, Kuala Lumpur Malaysia

17th Edition of International Conference on Emerging Trends in Materials Science and Nanotechnology, 2018, Roma, Italy

Permanent Member of Editorial Board of Journal of Science and Arts

Associated Reviewers to: Applied Polymer Science, Separation Science and Technology, High Performance Polymers, Advanced Polymer Technology, The Scientific Bulletin - Series B Chemistry and Materials Science, UPB

Scientific Secretary of RICCE Conference September 2001 and 2003 Bucharest, Romania

President of Baccalaureate Commission No 229, Center 25, Constanta /2000

Computer skills and competences

Good user of Microsoft Office™ tools and graphics applications: Origin, MatLab, Chemwind

Academic and research interests

My strengths are primarily about the experience of working with students both as a teaching teacher and as coordinator of their individual or collective research activities in the fields of organic (particularly polymeric) materials synthesis and characterization. Secondly, during my activity, I was involved in research activities focused on a wide range of materials, from small organic/inorganic compounds to polymers, which involved challenging interdisciplinary approaches: the novel materials architecture with special and peculiar application: optic, opto-electronic, micro-electronic, and photonic; biomaterials. As main directions of my research activity: Synthesis of Macromolecular Compounds and Polymeric Materials with Unconventional Applications.

Teaching activity

Studies	Program Name/Faculty	Title	Activity
Bachelor	Polymer Science and Engineering, Applied Chemistry & Materials Science	Macromolecular Chemistry, module I, third year	Course Applications
	Polymer Science and Engineering, Applied Chemistry & Materials Science	Macromolecular Chemistry, module I, fourth year	Course Applications
	Polymer Science and Engineering, Applied Chemistry & Materials Science	Adhesives, Varnishes and Paints	Course Applications
	Polymer Science and Engineering, Applied Chemistry & Materials Science	Polymers with Special Properties for Optical Applications	Course
	Faculty of Engineering in Foreign Languages, French Division	<i>Ioniques and Ioniques-Coordnative Polymerisations,</i>	Course Applications
	Faculty of Engineering in Foreign Languages, French Division	<i>Moderns Elastomeres,</i>	Course Applications

Additional Information

	Applications of Macromolecular Chemistry	Economical Engineering Technical College	Course Applications
Master	Polymer Science and Engineering, Applied Chemistry & Materials Science	Synthesis of Polymers in Heterogeneous Environments	Course Applications
	Smart Polymers and Biopolymers Applied Chemistry & Materials Science	Smart Adhesives	Course Applications
	Smart Polymers and Biopolymers Applied Chemistry & Materials Science	Advanced Conductive Polymers	Course Applications

The visibility of the scientific contributions

Hirsch Index = **11** (ISI Web of Science); **11** (Mendeley-Scopus); **10** Google Scholar

Total number of citations, according to Web of Science: **253**

ISI Published articles and Books:

- **118 scientific papers** (55 listed ISI WEB of Knowledge; at **14** main author; **6** international ISI proceedings and **12** international proceedings on other bases; **4** national proceedings; **12** in B and B+ journals; **6** in journals listed elsewhere); **7** books for students and specialists (**1** in the CNCSIS publishing house); one invention; **22** scientific research contracts (with three director); **over 90** scientific communications at international events; and **over 50** at national events; **13** Invited papers to the international conferences: 2nd ICFMD, 1-59, 16-19 June 2008, Kuala-Lumpur, Malaysia; NAMB- French-Romanian Topical Meeting on Nano and Biomaterials, 17-21 September 2008, Poiana Braşov, Romania; Optical Materials in Defence Systems Technology VI SPIE EUROPE 30.08.-04.09. 2009; Berlin, Germany; the XXII Scientific Session/ micro symposium: Micro / Nano-interactions in polymer systems, VIIIth Edition, 8 -10 October, 2009, Iasi, Romania; 2th National Conference with International Participation, April 28-30, 2010, Targoviste, Romania; 2th International Workshop on Advanced, Nano- and Biomaterials and Their Applications (NAMB), 15-19 September, 2010, Sibiu, Romania; Optical Materials in Defence Systems Technology VII SPIE EUROPE/ Photoactive Materials, 20 - 24 September 2010, Toulouse; France; SPIE: Micro-Optics/Tunable Micro-Optical Components, 12-16 April 2010, Brussels, Belgium; 3th International Conference on Functional Materials and their Device Applications, September 17-21, 2014, Iasi, Romania; 13th ICFPAM, 29 March - 02 April, 2015, Marrakesh, Morocco; SHIF Conference, 13-17 November, Tenerife, Spain; EMN Africa Meetings: Energy Materials Nanotechnology, 26-30 November, Mauritius.

Management activities:

- Permanent Member of the Department Board until 2014
- Member of the Faculty Council: 2014-2020

Teaching activities:

- Holder of six bachelor courses, two french-speaking courses
- Holder of two courses at Masters Smart Polymers and Biopolymers
- Mentor to over 90 license and dissertation sentences

Membership of professional organizations

- Member of: Chemistry Society; Polymer Science Association; Romanian Society of Reology
- Member of the Editorial Board of Journal of Science and Arts of VALAHIA University of TIRGOVISTE

- Reviewer (more than 100 reviews): Journal of Applied Polymer Science; Separation Science and Technology; High Polymer Technologies, SPIE Journals; Advanced Polymer Technology, Scientific Bulletin - Series B Chemicals and materials Science, UPB; Journal of Tabah University for Science, Optical Materials,

- Expert Assessor of the national Research Plan in the fields: Partnerships; Capacity; Materials; Innovative Processes and Products; Environmental Protection; Chemistry. Sub-programs in which I participated as expert assessor: RELANSIN: 2000-2005; MATNANTECH 2000-2005; CNCSIS

Contact and Referring Person

- o Prof.dr.eng. Bogdan SIMIONESCU, Vice President of Romanian Academy, Director of Macromolecular Chemistry Institute "Petru Poni", Iasi, Romania, tel: + 40-232217454; E-mail: bcsimion@icmpp.ro or bogdan.simionescu@acad.ro
- o Prof. Galstian TIGRAN, University Laval, Quebec, Canada, tel: + (418)656-2131/2025 /fax: + (418)656-2623; E-mail: Tigran.Galstian@phy.ulaval.ca
- o Prof. dr. eng. Cristian Pîrvu, University POLITEHNICA Bucharest, Department of General Chemistry, Politehnica University of Bucharest, tel: 4012 4023930, 4023894 E-mail: c_pirvu@chim.upb.ro
- o Professor PhD Advisor in Chemical Engineering, Ileana Brînduşa RĂU, Department of General Chemistry, Politehnica University of Bucharest, Tel.: +4012 4023907 Fax: +4021 3154193 E-mail: i_rau@chim.upb.ro