

**PERSONAL
INFORMATION**



Camelia UNGUREANU

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Sex F | Date of birth 15/10/1981 | Nationality: Romanian

WORK EXPERIENCE

- 2014-Present Associate professor**
 University POLITEHNICA of Bucharest, The Faculty of Applied Chemistry and Materials Science, 1 Polizu Street, Bucharest, <http://www.chim.upb.ro>
 process supervisor/teaching and research
Activity sector: Education
- 2011-2014 Lecturer**
 University POLITEHNICA of Bucharest, The Faculty of Applied Chemistry and Materials Science, 1 Polizu Street, Bucharest, <http://www.chim.upb.ro>
 process supervisor/teaching and research
Activity sector: Education
- 2009-2011 Teaching assistant**
 University POLITEHNICA of Bucharest, The Faculty of Applied Chemistry and Materials Science, 1 Polizu Street, Bucharest, <http://www.chim.upb.ro>
 process supervisor/teaching and research
Activity sector: Education
- 2009 Research assistant**
 The National Institute for Research & Development in Chemistry and Petrochemistry, 202 Spl. Independenței Street, Bucharest, <http://www.icechim.ro/>
 process supervisor/ research
Activity sector: Research

**EDUCATION AND
TRAINING**

Date	Position
2011	Post-doc bourse in medical biotechnology; Institutional organization of a postdoctoral school of national interest "Applied biotechnology with impact in the Romanian economy", Politehnica University of Bucharest; Project title: "Study of the bioprocess for the torularhodin and associated pigments formation from the <i>Rhodotorula</i> yeasts and the elaboration of the therapeutic valorization model"; postdoctoral Internship at Université de Nantes, Laboratoire de Génie des Procédés, Environnement, Agroalimentaire GEPEA UMR-CNRS 6144, Saint Nazaire, France
2005-2008	Ph.D. in Chemical Engineering, Department of Chemical Engineering, Politehnica University of Bucharest, Thesis Title: " <i>Obținere în flux integrat GMP a biopreparatelor de uz uman</i> ", Thesis Supervisor: Prof. dr. ing. Ovidiu Muntean
2005-2007	M.Sc. , Department of Bioengineering and Biotechnology, Politehnica University of Bucharest and & Institut National Polytechnique de Lorraine, France, Dissertation : „Mise en œuvre de la quantification d’acides gras dilués dans un milieu de culture”.
2000-2005	Bachelor's degree , Graduate Diplomate engineer, Biochemical engineering, Faculty of Industrial Chemistry, Politehnica University of Bucharest, Diploma thesis: "Testarea activității antibiotice a pigmentilor din <i>Monascus purpureus</i> față de unele tulpini bacteriene și fungice"

PERSONAL SKILLS

Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	C2	C2	C2	C2	C2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

- good communication skills gained from the position of coordinator of student's diplomas (undergraduate and dissertation)
- good communication I skills gained from conference participation

Job-related skills

- pedagogy
- good command of quality control processes

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Levels: Basic user - Independent user - Proficient user

[Digital competences - Self-assessment grid](#)

European Computer Driving Licence, ECDL

- good command of office suite (word processor, spread sheet, presentation software)
- good command of photo editing software gained as an amateur photographer.
- good command of Mathcad, Matlab, Table Curve 2D, 3D, Sigma Plot, Alyuda NeuroIntelligence, FuzzyTech

Driving licence B

ADDITIONAL INFORMATION

Membership of Professional associations

- From 2011: Member of International Association of Computer Science and Information Technology (IACSIT), Member NO.: 80340414;
- From 2009: Member of the Romanian Chemical Society
Member of the European Association for Chemical and Molecular Sciences; Section of the Biotechnology/Chemical engineering
- From 2007: Member of the Romanian Society for Chemical Engineering
Member of the European Federation of Chemical Engineering
- From 2005: Member of the Romanian Society of Bioengineering and Biotechnology
Member of the European Federation of Biotechnology (EFB); Section of the Biochemical Engineering Sciences

Other Significant Activities

Member in Editorial Board - Coatings,

Member in Editorial Board – Materials

Section Board member- Materials

Topic Editor, https://www.mdpi.com/journal/coatings/topic_editors

Lead Editor, Advances in Antimicrobial Nanomaterials in Journal of nanomaterials,

Guest editor (https://www.mdpi.com/journal/materials/special_issues/Advances_Biological), Special Issue

"Advances in Biological Nanomaterials", 2020 -2021, Materials

Guest editor (https://www.mdpi.com/journal/coatings/special_issues/Bio_Coat), Special Issue Recent Advances in Bioactive Coatings, 2019-2020, Coatings

Member in Comitetul Stiintific al Conferintei Internationale:

<https://techniumscience.com/index.php/conference/committee>

Member in Editorial team, Technium Science

2013: WebPub Journal of Scientific Research – **member of the Editorial Board**,
<http://researchwebpub.org/wjsr/editor.htm>

International Journal of Biotechnology and Food Science - Editor, member of the Editorial Board,
[http:// sciencewebpublishing.net/ijbfs/board.htm](http://sciencewebpublishing.net/ijbfs/board.htm), ISSN: 2315-9844

Summer school: "School of Academic Studies on Advanced Biophotonics and Biotronics", University Politehnica of Bucharest

Summer school: New perspectives in teaching, University 1 Decembrie 1918, Alba Iulia, POSDRU 87/1.3/S/63709

Course: IT services in medicine, trainers: prof.dr.med. Ileana Constantinescu and prof.dr.ing. Radu Dobrescu, POSDRU/86/1.2/S/57748/ - INSEED

Course: Organizational behaviour and leadership for inovation, trainer: Sanda Osiceanu, POSDRU/86/1.2/S/57748/ - INSEED

Course: Training program in teaching Chemistry, *Elaborarea programului de formare în domeniul didacticii specialității; metode moderne de formare în didactica specialității; Metode și tehnici de coaching folosite pe perioada practicii pedagogice*, POSDRU 87/1.3/S/63709.

2012: Herald Journal of Microbiology and Biotechnology – Associate Editor, member of the Editorial Board,
<http://heraldjournals.org/hjmb/editors.htm>

Course: The High Growth Coach Development Programme, "Leonardo da Vinci" Life Long Learning Programme, Exponential Training din U.K; UK/10/LLP-Ldv/TOI-333, 3 months

2011: Postdoctoral Research Fellow: Université de Nantes, Laboratoire de Génie des Procédés, Environnement, Agroalimentaire GEPEA, UMR-CNRS 6144, Saint Nazaire, 1-30 june.

Dinu Patriciu - Private Scholarship

2010 Biography in the 2010 Edition of Who's Who in the World
 Biography in *Enciclopedia Personalităților din România*, 2010 -

2008: Course: Manager of Quality Management Systems

2007: 3 months ERASMUS bourse, France, École Nationale Supérieure d'Agronomie et des Industries Alimentaires - Groupe Génie des Procédés Biotechnologiques et Alimentaires, Nancy, France.

2005: Course: European Computer Driving License

Reviewer for Coatings, Materials, Nanomaterials, Journal of Environmental Management (Elsevier Press); Chemical Engineering Communications (CEC); The ninth International Conference on Chemical & Process Engineering; Journal of Medicinal Plants Research; Journal of Petroleum Technology and

Alternative Fuels, JPTAF; ICheaP10 International, International Conference on Chemical & Process Engineering; 3rd International Conference on Machine Learning and Computing (ICMLC 2011); Materials Science and Engineering: C, Materials for Biological Applications, (Elsevier Press); African Journal of Microbiology Research; U.P.B. Sci. Bull., Series B; Sun and Geosphere; International research journal of biotechnology; African Journal of Agricultural Research; International Research Journal of Agricultural Science and Soil Science; Journal of Research in Environmental Science and Toxicology; Herald Journal of Microbiology and Biotechnology – member in Editorial Board; Basic Research Journal of Agricultural Science Review; International Journal of Agricultural Science Research; Sky Journal of Journal of Microbiology Research; Academia Journal of Biotechnology; Webpub Journal of Agricultural Research; International Scholars Journals; WebPub Journal of Scientific Research, Greener Journals, African Journal of Pure and Applied Chemistry.

Dr. Camelia Ungureanu

March 2023