



## Personal information

First name(s) / Surname

**Radu-Ciprian RACOVITA**

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## Work experience

Dates

September 2018 – present

Occupation or position held

Lecturer

Main activities and responsibilities

- Teaching activity: lectures, tutorials, and laboratories;
- Student supervision for individual research projects and graduation theses (BEng, MEng, PhD);
- Research activity.

Name and address of employer

University POLITEHNICA of Bucharest, 313 Splaiul Independentei St., sect. 6, 060042 Bucharest, ROMANIA

Type of business or sector

Higher education and research

Dates

November 2017 – September 2018

Occupation or position held

Teaching assistant

Main activities and responsibilities

- Teaching activity: tutorials and laboratories;
- Student supervision for individual research projects and graduation theses (BEng, MEng, PhD);
- Research activity.

Name and address of employer

University POLITEHNICA of Bucharest, 313 Splaiul Independentei St., sect. 6, 060042 Bucharest, ROMANIA

Type of business or sector

Higher education and research

Dates

November 2016 – November 2017

Occupation or position held

Chemical engineer

Main activities and responsibilities

- Research activity as part of national and international research projects;
- Physical-chemical analyses and quality control of agricultural and food products.

Name and address of employer

National R&D Institute for Food Bioresources – IBA Bucharest, 5 Ancuta Baneasa St., sect. 2, 020323 Bucharest, ROMANIA

Type of business or sector

Research, microproduction, services

Dates

September 2011 – August 2016

Occupation or position held

Teaching assistant and research assistant

Main activities and responsibilities

- Teaching activity: tutorials and laboratories;
- Student supervision for individual research projects and graduation theses (BSc);
- Research activity.

Name and address of employer

The University of British Columbia, 2036 Main Mall, Vancouver BC, V6T 1Z1, CANADA

Type of business or sector

Higher education and research

Dates

September 2009 – August 2011

Occupation or position held

Teaching assistant and research assistant

Main activities and responsibilities

- Teaching activity: tutorials and laboratories;
- Student supervision for individual research projects and graduation theses (BSc);
- Research activity.

Name and address of employer

The University of Western Ontario (Western University), 1151 Richmond St., London ON, N6A 5B7, CANADA

Type of business or sector

Higher education and research

## Education and training

Dates	14 – 15 April 2021
Title of qualification awarded	Certificate of Attendance “ <i>Charged Aerosol Detection Symposium</i> ”
Name and type of organisation providing education and training	Thermo Fisher Scientific, Waltham MA, UNITED STATES OF AMERICA (private company)
Dates	22 – 25 March 2021
Title of qualification awarded	Attendance Certificate “ <i>13<sup>th</sup> School on the Physics and Chemistry of Actinides</i> ”
Name and type of organisation providing education and training	Institut des Sciences Chimiques de Rennes, Rennes, FRANCE (national research institute)
Dates	25 – 28 June 2018
Title of qualification awarded	Certificate of Attendance “ <i>RASPA Workshop on Molecular Dynamics and Monte Carlo Simulations</i> ”
Name and type of organisation providing education and training	Technical University of Delft, Delft, THE NETHERLANDS (public university)
Dates	21 – 25 November 2016
Title of qualification awarded	Graduation Certificate of Postgraduate Course “ <i>Statistical Analysis and Experimental Data Processing in Food Science Research</i> ”
Name and type of organisation providing education and training	University “Dunarea de Jos” of Galati, Department of Continuing Education and Technology Transfer, ROMANIA (public university)
Dates	September 2011 – August 2016
Title of qualification awarded	Diploma of Doctor of Philosophy in Chemistry
Name and type of organisation providing education and training	The University of British Columbia, Department of Chemistry, CANADA (public university)
Dates	September 2011 – April 2012
Title of qualification awarded	Biology Teaching Assistant Professional Development Certificate
Name and type of organisation providing education and training	The University of British Columbia, Departments of Botany and Zoology, CANADA (public university)
Dates	17 – 19 March 2012
Title of qualification awarded	Certificate of completion of Instructional Skills Workshop for Graduate Students
Name and type of organisation providing education and training	The University of British Columbia, Centre for Teaching, Learning and Technology, CANADA (public university)
Dates	September 2009 – August 2011
Title of qualification awarded	Diploma of Master of Science in Chemistry
Name and type of organisation providing education and training	The University of Western Ontario (Western University), Department of Chemistry, CANADA (public university)

Dates September 2009 – December 2010  
 Title of qualification awarded Western Certificate in University Teaching and Learning  
 Name and type of organisation providing education and training The University of Western Ontario (Western University), Teaching Support Centre, CANADA (public university)

Dates October 2003 – June 2008  
 Title of qualification awarded Diploma of Chemical Engineer (specialization in Engineering and Chemistry of Organic Substances)  
 Name and type of organisation providing education and training University POLITEHNICA of Bucharest, Faculty of Applied Chemistry and Materials Science, ROMANIA (public university)

Dates 15 – 18 June 2005  
 Title of qualification awarded Certificate of Attendance “Third Summer School on Actinide Science and Applications”  
 Name and type of organisation providing education and training Joint Research Centre – Institute for Transuranium Elements, Karlsruhe, GERMANY (research institute of the European Commission)

Dates September 1999 – July 2003  
 Title of qualification awarded Baccalaureate (Specialization in Mathematics-Computer Science, bilingual English)  
 Name and type of organisation providing education and training “St. Sava” National College, Bucharest, ROMANIA (public high school)

**Personal skills and competencies**

Mother tongue(s) Romanian

Other language(s) English

Self-assessment (Common European Framework of Reference for Languages) \*

**English**

Comprehension		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C2	C2	C2	C2	C2

\* Certificates earned: IELTS, TOEFL iBT, CAE, Advanced English Language Professional Certificate awarded by the Ministry of Education in ROMANIA

Social skills and competencies

- Team spirit and team work demonstrated by active participation in the research teams of national and international projects
- Adaptability to multicultural environments demonstrated by extended periods of time spent abroad
- Communication skills acquired while working with students, colleagues, and external collaborators

Organisational skills and competencies

- Punctuality and reliability
- Leadership, as well as ability to work as part of a team
- Organizing abilities (organizer of several ICFSN and RICCCE conferences)
- Experience with project management (project leader of two national research projects)

Technical skills and competencies

- Organic and inorganic synthesis skills
- Proficient in the use of lab equipment for classic and modern analyses: gas chromatography (GC); mass spectrometry (MS); UV-Vis, IR, and NMR spectroscopies; atomic force microscopy (AFM); electrochemical methods; secondary ion mass spectrometry (SIMS)

Computer skills and competencies MS Office Suite, SigmaPlot, ChemDraw, ChemSketch, ACD Labs NMR, SciFinder, Mendeley, Analytik Jena WinASPECT, Agilent ChemStation, Bruker OPUS, Perkin Elmer Spectrum V2, Thermo Scientific INSIGHT2, Thermo Scientific Xcalibur, PHI WinCadenceN, PAR CorrWare/CorrView, Veeco NanoScope

Driving licence Class B (according to Romanian classification)

**Additional information**

- 19 research papers (15 in ISI-rated/indexed journals) and 3 books published
- 27 oral and poster communications at international conferences
- member of the research teams of 2 international and 13 national projects (2 as project leader)
- member of 9 international and national scientific and/or professional societies
- guest editor for *Processes* journal
- member of the editorial board of *Modern Chemistry* journal
- reviewer for the following journals: *Actuators, Agriculture, Agronomy, Antibiotics, Antioxidants, Applied Sciences, Atmosphere, Batteries, Biomedicines, Biomolecules, Biosensors, Catalysts, Coatings, Crystals, Energies, Fermentation, Food and Chemical Toxicology, Foods, Horticulturae, International Journal of Environmental Research and Public Health, International Journal of Molecular Sciences, Journal of Personalized Medicine, Life, Marine Drugs, Materials, Molecules, Nutrients, Open Chemistry, Pharmaceuticals, Pharmaceutics, Phytochemistry, Plants, Polymers, Processes, Revue Roumaine de Chimie, Sensors, Separations, Sustainability, Symmetry, Toxics, Toxins, Water*