



**Curriculum vitae
Europass**



Personal information

Surname/ First names **CHAMBRE Dorina Rodica**
 Address Arad, Romania
 E-mail droinachambree@yahoo.com
 Nationality Romanian
 Date of birth 02.06.1967
 Gender Female

Current job /
 / Occupational field Function
 / Field of excellence „Aurel Vlaicu” University of Arad (UAV), Faculty of Food Engineering, Tourism and Environmental Protection (FIATPM) / Department of Technical and Natural Sciences (DSTN) / Arad, str. E. Dr goi nr.2 / Higher education / **Associate Professor/ Hab./ Eng./ PhD./ Chemistry-Physics _Thermal Analysis and Calorimery**

Work experience

Seniority in the current job 34 years
Period **01.10.2021- 2024**
Occupation or position held *Full Professor Hab* courses: Colloids in the food industry/ Environmental protection/ Alternative fuels/ Modern methods of food analysis/ Food rheology/ Environmental sanitary engineering/ Chemistry III.

Main activities and responsibilities

- Didactic and research activity;
- Coordination of doctoral theses
- Coordination of dissertation and diploma projects;
- Thermal Analysis and Calorimetry laboratory coordination, ICDISTN;
- Responsible for the Chemical and Technological Research Center of FIATPM;
- Tutoring, counseling and professional guidance of students;
- Coordination of the activity of the General and Applied Chemistry-Physics laboratory;
- Member of undergraduate, dissertation, doctoral committees, promotion competition;
- Scientific officer/Editor Scien.and Techn. Bull. ;
<https://www.uav.ro/jour/index.php/stb-cfse/about/editorialTeam>
- Member of the FIATPM Council;
- Member of the scientific council of ICDISTN

Name and address of employer	„Aurel Vlaicu” University of Arad (UAV), Faculty of Food Engineering, Tourism and Environmental Protection (FIATPM) / Department of Technical and Natural Sciences (DSTN) / Arad, str. E. Dr goi nr.2, Romania
Activity field	Higher Education
Period	2006- 2021
Occupation or position held	Associate Professor , courses: Physical Chemistry / Colloidal Chemistry / Environmental Physical Chemistry / Food Colloids / Physical Chemistry of Polymers/ Environmental Protection / Alternative Fuels / Food Rheology / Environmental Sanitary Engineering
Main activities and responsibilities	<ul style="list-style-type: none"> - Teaching and research activity; - Supervisor of dissertation and diploma projects; - Coordination of Thermal Analysis and Calorimetry laboratory, ICDISTN; - CCAT responsible coordinator from FIATPM; - Tutoring, counseling and professional guidance of students; - Coordinating the activity of the General and Applied Physics-Chemistry laboratory; - Member of bachelor's, dissertation commissions and academic advancement; - Activities related to the accreditation of bachelor's and master's programs in FIATPM; - Scientific referent Scien.and Techn. Bull. ; - Member of the FIATPM Council; - UAV Senate Member;
Name and address of employer	„Aurel Vlaicu” University of Arad (UAV), Faculty of Food Engineering, Tourism and Environmental Protection (FIATPM) / Department of Technical and Natural Sciences (DSTN) / Arad, str. E. Dr goi nr.2, Romania
Activity field	Higher Education
Period	1997-2006
Occupation or position held	Lecturer , courses: Environmental Physical Chemistry / Physical Chemistry of Polymers/ Physical Chemistry of Textile Dyeing/Food Colloids / Environmental Protection / Physical and Colloidal Chemistry / General Physical Chemistry / Disperse Systems Chemistry / Chemistry / Parrafin oil Chemistry /
Main activities and responsibilities	<ul style="list-style-type: none"> - Teaching and research activity; - Coordination of students' scientific research activity - Tutoring, counseling and professional guidance of students; - Member of the editorial board of Scien.and Techn. Bull. ; - Coordinating the activity of the General and Applied Physics-Chemistry laboratory; - Activities related to the accreditation of bachelor programs in FIATPM; - Chairman of the admission commission at faculty level;
Name and address of employer	„Aurel Vlaicu” University of Arad (UAV), Faculty of Food Engineering, Tourism and Environmental Protection (FIATPM) / Department of Technical and Natural Sciences (DSTN) / Arad, str. E. Dr goi nr.2, Romania
Activity field	Higher Education
Period	1993-1997
Occupation or position held	University assistant /laboratory activities with students / General Physical Chemistry /Organic Chemistry/ Physical Chemistry of Polymers / Physical Chemistry of Textile Dyeing/

Main activities and responsibilities	- Teaching and research activity; - Coordination of student scientific activities and tutoring; - Development of the General and Applied Physics-Chemistry laboratory; - Member of the editorial board of Scien.and Techn. Bull. ; - Activities related to the accreditation of bachelor programs in FIATPM; - Admission commission member at faculty level;
Name and address of employer	„Aurel Vlaicu” University of Arad (UAV), Faculty of Food Engineering, Tourism and Environmental Protection (FIATPM) / Department of Technical and Natural Sciences (DSTN) / Arad, str. E. Dr goi nr.2, Romania
Activity field	Higher Education
Period	1991-1993
Occupation or position held	University preparator / laboratory activities with students / General Physical Chemistry /Organic Chemistry/ Physical Chemistry of Polymers / Physical Chemistry of Textile Dyeing/
Main activities and responsibilities	- Teaching and research activity; - Administrative activities at FIATPM ;
Name and address of employer	„Aurel Vlaicu” University of Arad (UAV), Faculty of Food Engineering, Tourism and Environmental Protection (FIATPM) / Department of Technical and Natural Sciences (DSTN) / Arad, str. E. Dr goi nr.2, Romania
Activity field	Higher Education
Period	02.02.1991 - 30.09.1991
Occupation or position held	Profesor suplinitor / disciplina chimie clasele IX-XII.
Main activities and responsibilities	Activitate didactic
Name and address of employer	Liceul Sanitar Arad, Bd. Revoluției nr.74, Arad, România
Activity field	Înv țământ liceal.

Period	01.08.1990 –01. 02.1991
Occupation or position held	Inginer stagiar
Main activities and responsibilities	Coordonarea activității laboratorului de analize chimice. S.C.ARIS S.A
Name and address of employer	S.C.ARIS S.A, Calea Victoriei nr.25, Arad, România
Activity field	Sector industrial

Education and training

2020	Habilitation certificate in the Environmental Engineering field of doctoral studies , OM no. 5792 / 10.10.2020
Name and type of organization providing education and training	University „Aurel Vlaicu” of Arad/ Interdisciplinary doctoral school
2004	PhD in Chemical Sciences / Chemistry - Physics (OMEC nr.5237 / 5.11.2004, PhD Diploma Series D nr.0001910)
Title of qualification awarded	PhD in Chemistry
Professional skills acquired	Non-isothermal chemical kinetics, Heterogeneous catalysis, Thermal methods of analysis PhD thesis: “Contributions to the study of the thermal stability and catalytically activity of some cationite”
Name and type of organization providing education and training	University of Bucharest, Romania
06. 04 – 30. 06. 2002	Fellowship from Romanian Government

Principal subjects/occupational skills covered	THE KINETICS STUDY OF THE HETEROGENEOUS HYDROLYSIS REACTION OF SUCROSE ON CARBOXYLIC ION EXCHANGE RESINS BY MEANS OF DIFFERENTIAL SCANNING CALORIMETRY.
Name and type of organization providing education and training	University of Milano, DISTAM, Italy
Level in national or international classification	Postgraduate specialization
03. 03 – 30. 07. 2000	Fellowship from Italian Government
Principal subjects/occupational skills covered	STUDY OF THE THERMAL BEHAVIOR AND CATALYTIC ACTIVITY OF SOME POLYMER CATALYSTS
Name and type of organization providing education and training	University of Trieste, BBCM, Italy
Level in national or international classification	Postgraduate specialization
Period	1985-1990
Title of qualification awarded	Degree in Chemical Engineering / Chemical Engineering Diploma/ Organic Compounds Technology/Chemical Engineer
Principal subjects/occupational skills covered	Completing studies Organic Chemistry, Chemistry - Physics, Chemical Kinetics, Industrial Catalysts, Technologies of Organic Compounds / Specialist in Technology of Organic Compounds
Name and type of organization providing education and training	“Traian Vuia” Polytechnic Institute of Timisoara, Faculty of Chemical Technology
Period	1981-1985
Title of qualification awarded	High-school graduation diploma
Principal subjects/occupational skills covered	Completing studies / Operator/Analyst Chemist/
Name and type of organization providing education and training	Chemistry High-school from Arad
<i>Other courses and programs for professional development and training</i>	
Period	02.08.2015 – 07.08.2015
Principal subjects/occupational skills covered	European project management using specialized applications. Europe 2020 Strategy
Name and type of organization providing education and training	DAST SYSTEMS
Qualification awarded	Graduation certificate series A no. 1342 from 07.08.2015
Period	13.03.2014
Principal subjects/occupational skills covered	Communication in the official language. Organizational communication
Name and type of organization providing education and training	Ministry of Work and Social Protection / Ministry of National Education / RCS Consulting
Qualification awarded	Graduation certificate Serai I Nr. 00423104

Personal skills and competences /Foreign languages								
	Reading		Writing		Listening		Conversation	
English language in accordance with the Common European Reference Code Certificate of Linguistic Competence No. 30705 / 05.02.2021 issued by the Ministry of Education and Research / "Aurel Vlaicu" University of Arad	En	C1	En	C1	En	C1	En	C1
Italian language/ level Certificate issued by International Hous Arad, 02.03.2001	It	Advanced	It	Advanced	It	Advanced	It	Advanced
French language/ level self-assessment	Fr	Medium	Fr	Medium	Fr	Medium	Fr	Medium
Professional and scientific achievements								
Memberships of professional societies	<ul style="list-style-type: none"> - Member of the “Romanian Chemistry Society ” - President of “Romanian Chemistry Society ”- Arad branch - Member of “Romanian Thermal Analysis Committee 							
Organizational skills and competences	<ul style="list-style-type: none"> - 1.10.2002 - 2008 - scientific secretary of the Chemical and Biological Sciences Department , FIATPM; - 1.10.2002 - March 2004 member of the FIATPM Council; - 2012 – present - member in the FIATPM Council; - 2016 – 2020 - member in the Senate of the University “Aurel Vlaicu” Arad; - Responsible for Food Control and Expertise program; - 2014 – present Head of the Chemical and Technological Research Center of FIATPM / ICDISTN; 							
- Scientific achievements	<ul style="list-style-type: none"> - scientific papers published in ISI indexed journals with impact factor: 37; - relevant scientific papers published in BDI indexed journals / journals: 11; - papers published in recognized journals (with references), in conference volumes or presented at specialized congresses and conferences:100; - books published in CNCSIS recognized publishing houses: 6; - chapters published in books published abroad: 3; - theater projects: 13 (1 responsible Romanian partner in bilateral project BIOSUN ROM ITALIA, 1 responsible for work package III in the BASTEURES project, 11 team member); - main organizer of the international symposium “Strategies for internationalization and cooperation in the development of agro-energy chains”, 2 - 3 Feb, 2007, Arad; - <i>total number of citations: 505</i> (Web of Science, sept. 2024) ; h index-13 (according to Web of Science, 29.09. 2024); Researcher ID: B-9386-2013; ORCID:http://orcid.org/0000-0002-8398-154X; 							

National and international recognition / awards	<ul style="list-style-type: none"> - Biography included in the encyclopedia Who's Who in Science and Engineering, Edition 2006-2007; - "START CUP UDINE 2005" Award, University of Udine and Crup Foundation, Italy, for the BIOSUN project; - 7 CNCSIS awards - Human resource development - Awarding research results - 2008, 2009, 2019; - diploma "<i>Virtute et Sapientia</i>" for outstanding results in research activity, University of Bucharest, 2008; - Honorary diploma awarded in 2011 by the Romanian Chemical Society; - Gheorghe Spacu Medal - Romanian Chemical Society, 2015; - Petru Poni Diploma and Medal - Romanian Chemical Society, 2019; - Diploma of excellence for research activity - "Aurel Vlaicu" University of Arad, 2014, 2019;
Personal skills and competences	
-Scientific / research skills	<ul style="list-style-type: none"> - TG / DTG / DTA thermal analysis (Thermogravimetry, Differential Thermal Analysis) -DSC Thermal Scanning Analysis (Differential Scanning Calorimetry) - FTIR-ATR / FTIR-EGA (3D) analysis - FTIR –ATR characterization of solid and liquid compounds and systems; - 3D characterization of FT-IR spectra for gaseous compounds resulting from the thermal decomposition of polymeric and lipid systems;
Social skills and competences	<ul style="list-style-type: none"> - sociable, open and adaptable character; - ability to solve problems, teaching skills, ease of expressing ideas in public, editorial skills, ease of communication, ability to synthesize and analyze; - skills in assessing and appreciating the knowledge acquired through knowledge; - experience in participating in international events; - skills to coordinate projects and programs;
-Social skills and competences	Managerial and organizational skills, teamwork spirit, creativity and enthusiasm
Computer skills and competences	MS Office Programs, Internet, Origin, Chemwind, OPUS
Driving licence	Type B (from 1995)

Arad,
30.09.2024

prof.hab.eng. Dorina Rodica Chambre PhD

