

Camelia Elena LUCHIAN

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Date of birth 7.05.1976

Romanian nationality

PROFESSIONAL EXPERIENCE**2018-present****Senior Lecturer**

Iasi University of Life Sciences (IULS) Iași
Mihail Sadoveanu Alea nr. 3, Iasi, 700490, Romania
Telefon: 0232 407.407 Fax: 0232 260.650

Preparation and support of courses and practical work for disciplines: Techniques and equipment for investigating environmental factors, Organic chemistry, Methods and techniques of evaluation and expertise in the food field, research activity within research contracts, guidance of graduation projects.

Type or sector of Young people Education and Research

2014-2018**University Assistant**

The University of Agricultural Sciences and Veterinary Medicine "Ion Ionescu de la Brad", Iași
Mihail Sadoveanu Alea nr. 3, Iasi, 700490, Romania
Telefon: 0232 407.407 Fax: 0232 260.650

Preparation/presentation of courses and practical works for disciplines: Biochemistry, Organic Chemistry, Waste storage and recycling, Pollution and protection of ecosystems, Techniques and equipment for investigating environmental factors; Legislation in environmental protection, Control and analysis of beverage quality, research activity within research contracts, guidance of diploma projects

Type or sector of Education and Research activity

2001-2007**Teacher**

UCECOM TECHNOLOGY HIGH SCHOOL 'SPIRU HARET' — IASI
Strada C.A. Rosetti, nr. 12-14, 700141, Iași, România
spiruharetiasi.ro

Providing study material for students in the fields of chemistry, food hygiene, physics and their guidance for the use of this material. Responsible for the methodical commission – Exact Sciences, member of the School Board.

Type or sector of activity Education

EDUCATION AND TRAINING**October 2005 – March 2011****PhD in Chemistry**

University "Al. I. Cuza" from Iasi, Faculty of Chemistry, Iasi, Romania



Theme: "Removal of metallic ions and polyphenols from wines by ion exchange and adsorption on micro- and mesoporous materials".

Synthesis and use of mesoporous nanomaterials in the wine industry; Wine chemistry; chemistry of the environment. Characterization methods for solids and liquids, HPLC, UV-VIEW, DRX, FTIR

Master's degree

2011-2013

The University of Agricultural Sciences and Veterinary Medicine "Ion Ionescu de la Brad", Iasi, Romania

Drinks technology and quality control

Master's degree

2001-2003

University "Al. I. Cuza" from Iasi, Faculty of Chemistry, Iasi, Romania

Master in chemistry, theme: "Inorganic pigments" - solid Chemistry (Francofonn Mode)

Bachelor's degree

1996-2001

University "Al. I. Cuza" from Iasi, Faculty of Chemistry, Iasi, Romania

Specialty: Chemistry

Subject of license work: "Metal oxides"

Bachelor's degree

2013-2015

Technical University "Gh. Asachi" from Iasi, Faculty of Hydrotechnical, geodey and Ingineria Ingineria Insulti, Iasi, Romania

License in environmental Engineering, specialization "Engineering and Environmental Protection in Agriculture"

Engineering and environmental protection disciplines

COMPETENTE PERSONALE

Limba(i) maternă(e)

Română

Other known languages

	INTELEGERE		SPEECH		SCRIERE
	Listen	Citire	Join the conversation	Oral speech	
English	B1	B1	B1	B1	B1
Please specify the foreign language	B1	A2	A2	A2	B1

Communication skills

Ability to adapt to multicultural social environments obtained through working experience over time as a teacher. Excellent communication skills acquired through participation in the teams of completed collaborative research projects.



Organizational/managerial skills

Organizational spirit, spontaneity, efficiency in solving difficult situations and project management experience acquired through participation as a Member of the project coordination team and as a Member of the management board of an institution in the field of education.

Expertise acquired in the workplace

Dr. Camelia Luchian has a long experience in working with young people of different ages. During the professional training, she completed all the optional disciplines related to psychopedagogical training: psychology, psychopedagogy, teaching pedagogy in the pre-university and university system. This training helped in diplomatically managing the adaptation problems of the students from the first year of studies with whom she works, in order to limit school dropout.

In her activity, she coordinated numerous students for the completion of bachelor's, master's and doctorate studies. The coordination of the target group within the **PROINVENT** project led to the enrichment of the experience related to the complex relationships that are established between educational agents

She has participated at numerous conferences, seminars and workshops in the fields of education and science and is author and co-author of over 80 scientific and professional papers, published in national and international journals.

Digital skills

SELF-ASSESSMENT

Information processing	Communication	Content creation	Security	Problem-solving
Experienced user	Experienced user	Experienced user	Experienced user	Experienced user

Certificate of qualification: Operator entering and processing computer data

- Easily use Microsoft Office™ tools (word™, Excel™ and PowerPoint™), Adobe professional, CorelDraw, Isis draw, Originating, ChemDraw, peripheral and software installation

Other skills

- Creative skills in music and literature, acquired during studies, in the context of collaboration with others, when participating in various cultural activities.

Driving license(2003)

B



ADDITIONAL INFORMATION

Projects

Project COTNARI, "Research on the evolution of the sensory profile of wines produced at S.C. Cotnari S.A. in the context of climate change", No. 16164/10.10.2023, project director, value: 60000 lei: 2023-2024

ADER project 7.5.5 Research on alcohol management to produce low alcoholic wines, team Member, period:2019-2022.

Young project teams, title:"innovative active, environmentally friendly packaging based on xanthan cryogenic and antibacterial properties", contract PN-IIP1-2016-TE-2038, nr. 77/8.05.2018, funding UEFISCDI: Teamwork, interval: 2018-2020.

Project bilateral collaboration Romania Cyprus "important scientific factors for consumer health as new tools for confirming the authenticity of Cypriot and Romanian wines" Cyprus No. 764/11.03.2014 (2014-2016), Member of the team

Cross-border project: AUF/BECO-2012-53-U-56135FT205, period 2012-2015, "preparation and development of modern analysis of bioactive chemical compounds in agri-food products of plant origin", Member of the team

Research grant no. 5525 / 25.04.2013 financed by the University of Agricultural Sciences and Veterinary Medicine "Ion Ionescu de la Brad", Iași, 2013-2015, project director

Project: PN-PCCA-2013-4-0333, nr. 183/2014, project title: "Technology for the recovery of the bioactive components of the waste grape seed of utility in the food, pharmaceutical, plant and environmental industries" – 2015-2017, Member of the team

Project: POCU 993/6/13 cod 153299 PROINVENT "Program for increasing performance and innovation in excellent doctoral and postdoctoral research" 2021-2023, Expert in monitoring and evaluating target group activities

Project: Erasmus 2022_1_FR01_KA220SCH_000087861 Action Type KA 220 – SCH Cooperatio Partnership in school education - "From "Waste" to "Art" for a Sustainable World"

Distinctions

Award winning UEFISCDI:

1. Violeta Elena Copcia, Camelia Luchian, Simona Dunca, Nicolae Bilba, Claudia Mihaela Hristodor, Antibacterial activity of silver - modified natural clinoptilolite, (2011), Journal of Materials Science, ISSN: 0022-2461, 46(22), p. 7121-7128, impact factor -2,163

2. C. I. Zamfir, V. V. Cotea, C. E. Luchian, M. Niculaua, Odăgeriu, The influence of different prefermentative maceration processes and tartaric stabilization treatments on the color, cation content and other physico-chemical parameters of 'Băbeșă neagră' rosé wines, (2014), Vitis 53 (1), 45–52

3. Prize PRECISI_2021 for the work Influence of different commercial yeasts on volatile fraction of sparkling wines

4.Premium PRECisi_2022 for the paper Evolution of phenolic profile of white wines treated with enzymes

5.PRECISI_2021 Award for the work A review of representative methods used in wine authentication

6.PRECISI_2023 Award for the work – Carbon Isotope Ratio (delta C-13) and Phenolic-Compounds Analysis in Authenticity Studies of Wines from Dealu Mare and Cotnari Regions (Romania)

7.Prize PRECISI_2023 for the work - Increasing Amino Acids Content of White Wines with Enzymes Treatments

8.Premium PRECisi_2022 for work - Effect of Different Winemaking Conditions on Organic Acids Compounds of White Wine

9.Prize PRECISI_2023 for the work - Influence Evaluation of Enzyme Treatments on Aroma Profile of White Wines

10.GOLD MEDALY - 2023 – 2nd Edition of the International Exhibition of Innovation and Technology Transfer EXCELLENT Idea Chisinau, Republic of Moldova, Luchian Camelia, Cotea V. Valeriu, Scutarasu Cristina, Colibaba Cintia, 2021, METHODS AND TECHNICS OF ANALYSIS OF THE QUALITY OF DRINKES ISBN 978-973-147-372-7

11.GOLD Medal –2023 - 2nd Edition of the international exhibitions of innovation and technology transfer EXCELENT Ideas Chisinao, Republic Of Moldova COLIBABA CINTIA, LUCHIAN CAMELIA, ROTARU LILIANA, 2015, Management of ecological wine systems, ISBN 1897-973- 147-192

12.Gold medal - 2023 – 2nd Edition of the International Exhibition of Innovation and Technology Transfer EXCELLENT Idea Chisinau, Republic of Moldova - Buican, B.-C.; Colibaba, L.C.; Luchian, C.E.;



Kallithraka, S.; Cotea, V.V., 2023 - "Orange" Wine—The Resurgence of an Ancient Winemaking Technique: A Review. *Agriculture*, 10.3390/agriculture13091750
13. Gold Medal - 2023 – 2nd Edition of the International Exhibition of Innovation and Technology Transfer EXCELLENT Idea Chisinau, Republic of Moldova, Scutarașu E.C., Luchian C.E., Vlase L., Nagy K., Colibaba L.C., Trincă L. C., Cotea V.V., 2022 - Influence evaluation of enzyme treatments on aroma profile of white wines, *Agronomy Basel*, Volume 12, Issue 11, 10.3390/agronomy12112897
14. Gold Medal – 2023 - Euroinvent Book Salon - for the book Luchiana Camanielia, Cota V. Valeriu, Scatarasu Cristina, Colibababa Cintia, 2021, METHODS AND TECHNICS OF ANALYSIS OF THE BEST QUALITY OF THE EDITOR, ISBN 978-1973-347-772

Citations:

252 citations in ISI (Web of Sciences) articles, 227 Scopus citations, 274 Google Academic citations

Books:

1. Luchian Camelia Elena, Scutarașu Elena Cristina, Colibaba Lucia Cintia, Focea Mihai Cristian, Cotea Valeriu, 2023 - "Trends to reduce the effects of global warming - applications of osmosis to obtain sparkling wines with moderate alcohol concentrations" chapter published in "Grapes and Grape Products - Chemistry and Technology", ISBN 978-0-85466-272-2.
2. Scutarașu E.C., Luchian C.E., Colibaba L.C., Cotea V.V., 2022 - Enzymes and Biochemical Catalysis in Enology: Classification, Properties, and Use in Wine Production. Chapter published in *Recent Advances in Grapes and Wine Production - New Perspectives to Improve the Quality*, edited by Jordão A.M., Botelho R.V., Miljic U., 31 p. DOI: 10.5772/intechopen.105474.
3. Colibaba Lucia Cintia, Bosoi Ionica, Puscalău Marioara, Luchian Camelia Elena, Rotaru Liliana, Cotea V. Valeriu, 2023, Grape Technology vs Climate Change – a succes story or a nightmare?, chapter published in "Grapes and Grape Products - Chemistry and Technology", ISBN 978-0-85466-272-2. DOI: 10.5772/intechopen.1003895.
4. Luchian C. E., Cotea, V. V., Scutarașu E. C., & Colibaba, L. C. (2020). Metode și tehnici de analiză a calității băuturilor. „Ion Ionescu de la Brad” Publishing House, ISBN: 978-973-147-372-7
5. Tehnici și echipamente de investigare a factorilor de mediu –Camelia Luchian, 2018, Ed. Stef, Iași, ISBN: 978-606575957-2
6. Materiale inovative cu aplicații în vinificație - Camelia Luchian, Maria Codreanu, 2018, Ed. Stef, Iași, ISBN: 978-606575958-9
7. Managementul sistemelor viticole ecologice - Colibaba L.C., Luchian C.E., Rotaru L., 2015, Ed. Ion Ionescu de la Brad, Iași, ISBN:978-973-147-192-1
8. Manual of Practice-Specialization Environmental Engineering, vol. 1, Florin Daniel Lipsa, Eugen Teodorescu Soare, Marinela Badeanu, Monica Elena Herea, Cristian Huțanu, Camelia Elena Luchian, Alina Elena Marta, Iuliana Motrescu, Radu Oprea, Cristina Slabu, Alina Elena Trofin, Mihaela Covașă Ion Ionescu de la Brad Publishing House, Iași, ISBN:978-973-147-451-9

Certifications

- University "Al. I. Cuza", Iași (2003-2004) - obtaining certificate teaching diploma
- State General Laboratory - Nicosia, Cyprus (December 2014) - specialized techniques MRI, ICP, GS-MS
- University of agronomic Sciences and Veterinary Medicine of Bucharest (March 2014) – Technical courses for sensory analysis of wines

Professional associations

Association of Authorized Tasters in Romania (ADAR)
The Romanian Society of Horticulturists of the Iași Branch (SRH)
Association "Amicii Rozelor" of Romania

