

PERSONAL INFORMATION

Iuliana Bejenari



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Sex Female | Date of birth 24.07.1993 | Nationality Romanian and Moldovan

PROFESSIONAL EXPERIENCE

Dates
Occupation or position held
Name and address of employer

February 2020 – July 2020
Research internship
Institute of Chemistry of Nice - Université Côte d'Azur, France
28 Avenue de Valrose , 06108 Nice CEDEX 2, <http://univ-cotedazur.fr>

Main activities and responsibilities

Research and development activities including:
 • the study of specialized literature in the field of interest;
 • use of analysis equipment: TG, DSC, FT-IR, Hardness Test;
 • interpretation of the experimental data resulting from the activities carried out in the research laboratory;
 • Publication of experimental results in ISI rated journals.

Dates
Occupation or position held
Name and address of employer

June 2019 – July 2019
Research internship
Institute of Chemistry, Academy of Sciences of Moldova
3 Academiei Street, Chisinau, MD-2028, Republic of Moldova.

Main activities and responsibilities

• Research and development activities within the ecological chemistry laboratory;
 • The use of laboratory facilities with the aim of obtaining bio-products through thermal conversion methods.

EDUCATION AND TRAINING

2018-present

PhD degree - Doctoral School at "Gheorghe Asachi" Technical University of Iasi, Department of Environmental Engineering and management, "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection

2016-2018

Master degree - "Gheorghe Asachi" Technical University of Iasi, "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection
Pharmaceuticals and cosmetics products

2012-2016

Bachelor degree - "Gheorghe Asachi" Technical University of Iasi, "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection
Chemistry and Engineering of Organic Substances, Petrochemistry and Carbochemistry

2009-2012

High school - "Mihail Sadoveanu" Theoretical High School, Calarasi, Republic of Moldova

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B1	B1	B2

Russian B2 B2 B2 B2 B2

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

- Communication skills** ▪ Good communication and collaboration skills with colleagues from various countries, learned from research internships conducted in France and the Republic of Moldova and through the work and travel program.
- Organisational / managerial skills** ▪ Good organizational and communication skills acquired as an organizer in many volunteer activities and dance competitions, both in high school and college.
- Digital skills** ▪ Microsoft Office,
 ▪ Origin,
 ▪ ChemDraw,
 ▪ Mendeley,
- Other skills** Emotional intelligence, active listening, social adaptability, seriousness and perseverance in dealing with responsibilities, analytical ability, continuous learning
- Driving licence** B

ADDITIONAL INFORMATION

- Publications**
- Bejenari, I.; Hristea, G.; Cărăușu, C.; Mija, A.; Volf, I. A Sustainable Approach on Spruce Bark Waste Valorization through Hydrothermal Conversion. *Processes* 10, 111 (2022) <https://doi.org/10.3390/pr10010111>
 - Dinu, R.; Bejenari, I.; Volf, I.; Mija, A. Vegetable Oil-Based Resins Reinforced with Spruce Bark Powder and with Its Hydrochar Lignocellulosic Biomass. *Appl. Sci.*, 11, 10649, (2021) <https://doi.org/10.3390/app112210649>
 - Bejenari I., Dinu R., Montes S., Volf I., Mija A., "Hydrothermal Carbon as Reactive Fillers to Produce Sustainable Biocomposites with Aromatic Bio-Based Epoxy Resins", *Polymers*, 13, 240, (2021), <https://doi.org/10.3390/polym13020240>
 - Bejenari I., Apostolescu G.A., Volf I., Assessment of crude liquid phase resulted in hydrothermal carbonization of spruce bark wastes, *Bulletin of Polytechnic Institute of Iasi, Chemistry and Chemical Engineering section*, 67 (71), 1 43-53, (2021)
 - Volf, I., Bejenari, I., Popa, V., "Valuable biobased products through hydrothermal decomposition", in *Pulp Producing and Processing. High-tech applications*, V.I. Popa Ed., De Gruyter, Berlin, Boston, 141-163 (2020), <https://doi.org/10.1515/9783110658842-006>
- Projects, Grants**
- GI/R3/2021: "Formulation of composite materials based on vegetal biomass waste", from 08.2021 to 12.2021
- Conferences**
- Bejenari I., Dinu R., Volf I., Mija A., "A SUSTAINABLE APPROACH THROUGH HYDROCHAR ADDITION IN BIO-BASED NEW COMPOSITE MATERIALS", *International Conference on Environmental Engineering and Management ICEEM 11*, September 8-11, 2021, Muttens, Switzerland, participation with oral communication;
 - Bejenari I., Apostolescu G., Volf I., 2021, "ASSESSMENT OF CRUDE LIQUID PHASE RESULTED FROM HYDROTHERMAL CARBONIZATION OF SPRUCE BARK WASTES", 4th International Conference of the Doctoral School "Gheorghe Asachi" Technical University of Iasi, CSD 2021, May 19-21, participation with oral communication;
 - Iuliana Bejenari, Oleg Petuhov, Gabriela Lisa, G. Hristea, Irina Volf, "CHEMICAL AND STRUCTURAL CHARACTERIZATION OF CARBON RICH MATERIAL FROM HYDROTHERMAL CONVERSION OF SPRUCE BARK". 5th International Conference on Chemical Engineering, October 28-30, 2020 at Technical University "Gheorghe Asachi" Iasi, România, participation with poster.
 - Iuliana Bejenari, Oleg Petuhov, Valentin I. Popa, Irina Volf, "CONVERSION OF SPRUCE BARK WASTES BY HYDROTHERMAL CARBONIZATION METHOD". International Conference „Achievements and Perspective of Modern Chemistry”, October 9-11 2019 at Institute of Chemistry Chișinău, Republica Moldova, participation with poster.
 - Iuliana Bejenari, Constantin Cărăușu, Irina Volf, "HYDROTHERMAL CARBONIZATION OF SPRUCE BARK. THE PROCESS ANALYSIS". 10th International Conference on Environmental Engineering and Management, September 19-21, 2019 at Technical University "Gheorghe Asachi" Iasi, România, participation with poster.

- Specialization and qualification
- Design Thinking Bootcamp StartUp GARAGE @TUIASI Makeathon (28/10/2019 – 29/10/2019);
 - International School for PhD Students and Researchers, Technical University "Gheorghe Asachi" Iasi (24/10/2019 – 30/10/2019);
 - Postgraduate Course of Training and Continuing Professional Development, Specialization Urbanism and Territory Administration Technical University "Gheorghe Asachi" Iasi, Faculty of Architecture "G.M. Cantacuzino ", (01/10/2018 – 30/06/2019)
 - Vocational training program „Key competences, common to several occupations - Entrepreneurial Competences Technical University "Gheorghe Asachi" Iasi, Faculty of Textiles Leather and Industrial Management (12/05/2018 – 20/05/2018)
- Other activities
- 4 times beneficiary of the WORK&TRAVEL U.S.A. Program:
 - o June - September 2015 - Customer service
 - o July - September 2016 – Prep cook
 - o June - September 2017 - Ice cream scooper
 - o July - September 2018 – Waitress