



Selma Burović

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Work: Hrasnička cesta 3A, 71210 Ilidža (Bosnia and Herzegovina)

WORK EXPERIENCE

Senior Teaching Assistant

University Sarajevo School of Science and Technology [03/2022 – Current]

City: Ilidža | Country: Bosnia and Herzegovina

Courses:

- General Chemistry with Stoichiometry
- Analytical Chemistry I
- Physical Chemistry I
- Analytical Chemistry II
- Inorganic Chemistry
- Physical Chemistry II

Research Assistant on projects:

- Investigation of Antimicrobial and Antioxidant Potential of Selected Foreign Plant Species Recorded in Sarajevo Canton
- Myeloperoxidase and Inducible Nitric Oxide Synthase as Biomarkers in Subjects with Chronic Coronary Syndrome and Type 2 Diabetes Mellitus
- Environmental Protection from the EU Perspective

Academic Advisor for Medicine Department students: monitoring academic progress.

Organizer of Winter Academy for Pharmacy Students.

Teaching Associate

University Sarajevo School of Science and Technology [08/2021 – 02/2022]

City: Ilidža | Country: Bosnia and Herzegovina

Teaching Assistant for courses:

- General Chemistry with Stoichiometry
- Analytical Chemistry I
- Physical Chemistry I
- Analytical Chemistry II
- Inorganic Chemistry
- Physical Chemistry II
- Participated in conducting laboratory and computational exercises.

Contributed to the organization and implementation of Winter Academy 2022 – Practical exercises for high school students interested in the Faculty of Medicine.

- Various administrative tasks.

Local Expert

Project 67, Strengthening CBRN Waste Management in Eastern and Southeastern European Countries [2019 – 2021]

City: Sarajevo | Country: Bosnia and Herzegovina

The project was implemented by SCJS Europe, Cranfield University, ISEM Institute, JAVYS, Public Health England, and VERTIC.

- Participant in the workshop: Training of Trainers for Chemical Waste Management.
- Participant in the workshop: Best Practices in Chemical Waste Management in the EU and Southeastern and Eastern Europe (SEEE).
- Prepared a report on the state of chemical waste management in the Federation of Bosnia and Herzegovina.

Laboratory Demonstrator

Faculty of Science [2017 – 2019]

City: Sarajevo | Country: Bosnia and Herzegovina

Demonstrator at the Department of Physical Chemistry, Chemistry Division, Faculty of Natural Sciences and Mathematics, University of Sarajevo.

Participated in conducting laboratory exercises and assisting in the preparation of undergraduate and master's theses.

EDUCATION AND TRAINING

PhD Student at the Department of Chemistry, Division of Physical Chemistry

Faculty of Science [2022 – Current]

Address: Zmaja od Bosne 33-35, 71000 Sarajevo (Bosnia and Herzegovina) | Level in EQF: EQF level 8

Master of Chemistry – Quality Control and Environmental Protection

Faculty of Science [2018 – 2019]

Address: Zmaja od Bosne 33-35, 71000 Sarajevo (Bosnia and Herzegovina) | Field(s) of study: Physical Chemistry | Level in EQF: EQF level 7 | Thesis: Comparison of Corrosion Stability of Orthopedic Implants Based on Alloyed Materials

Bachelor of Chemistry – Quality Control and Environmental Protection

Faculty of Science [2013 – 2018]

Address: Zmaja od Bosne 33-35, 71000 Sarajevo (Bosnia and Herzegovina) | Field(s) of study: Physical Chemistry | Level in EQF: EQF level 6 | Thesis: Evaluation of Atmospheric Corrosion in Urban Environments

Pharmaceutical Technician

Secondary Medical School [2009 – 2013]

Address: Tahmiščina 2, 71000 Sarajevo (Bosnia and Herzegovina)

LANGUAGE SKILLS

Mother tongue(s): Bosnian

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

German

LISTENING A1 READING A1 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

PUBLICATIONS

[2023]

Phytomelatonin: Recent Advances – Systematic Review

32nd Scientific-Expert Conference of Agriculture and Food Industry. Agriconference 2022. Lecture Notes in Bioengineering. Springer, Cham. https://doi.org/10.1007/978-3-031-47467-5_35

Galijašević, S., Burović, S., Stambolić, A., –Miklićanin, E.O.

[2023]

The Chemistry of Fermented and Pickled Food

32nd Scientific-Expert Conference of Agriculture and Food Industry. Agriconference 2022. Lecture Notes in Bioengineering. Springer, Cham. https://doi.org/10.1007/978-3-031-47467-5_30

Stambolić, A., Burović, S., Galijašević, S., Omanović-Miklićanin, E.

[2021]

Corrosion inhibitory effects of potassium dichromate on aluminium alloy in chloride solution

Herenda, S.; **Burović, S.**; Šćepanović, J.; Vuksanović, D.; Journal of Sustainable Technologies and Materials Issue: 1 Pages: 36 - 47 Published: DEC 2021

[2018]

Atmospheric Corrosion of Metals in Urban Area

Burović, S.; Korać, F.; Huremović, J.; Ostojčić, J.; BULLETIN OF THE CHEMISTS AND TECHNOLOGISTS OF BOSNIA AND HERZEGOVINA

Issue: 51 Pages 25-33 Published : DEC 2018

DIGITAL SKILLS

Digitalne vještine

Microsoft office (Word, PowerPoint, Excel, Publisher) / Internet / Paint 3D / Adobe Acrobat Reader DC / Komunikacijski i programi (Skype Zoom TeamViewer)

DRIVING LICENCE

Driving Licence: B

CONFERENCES & SEMINARS

[06/2024] Sarajevo, Bosna i Hercegovina

5th International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, ICCCE B&H

Poster presentation

[12/2022] Sarajevo

32nd Scientific-Expert Conference of Agriculture and Food Industry. Agriconference 2022.

Poster presentation

[30/06/2022 – 02/07/2022] Sarajevo, Bosna i Hercegovina

4th International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, ICCCE B&H 2022

Poster presentation

[2022] University Sarajevo School of Science and Technology

NINTH ANNUAL BOSNIAN-HERZEGOVINIAN AMERICAN ACADEMY OF ARTS AND SCIENCES (BHAAAS) SEMINAR

[2018] Tuzla, Bosna i Hercegovina

6th International Scientific – Professional Symposium “Environmental Resources, Sustainable Development and Food Production” OPORPH

Poster presentation

[2017] Sarajevo, Bosna i Hercegovina

3rd International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, ICCCE B&H

Poster presentation

CERTIFIKATI I ZAHVALE

[06/2024]

Certificate of Appreciation

Member of the Organising Committee of the 5th International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, ICCCE B&H 2024

[06/2024]

Certificate of Participation

5th International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, ICCCE B&H 2024

[29/05/2023 – 02/06/2023]

Certificate of participation

Academic staff mobility, ERASMUS+, Kaunas, Lithuania

Certificate of Participation

4th International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, ICCCE B&H 2022

[09/2020 – 04/2021]

Certificate of Completion

Chemical Waste Management-Train the Trainer, Project 67: Strengthening CBRN Waste Management Capabilities in South-East and Eastern European Countries, The project is implemented by SCJS Europe, Cranfield University, ISEM Institute, javys, Public Health England and Vertic.

[01/2022]

Certificate of Participation

IMPLEMENTATION OF GREEN CHEMISTRY PRINCIPLES IN INDUSTRY, Training held as part of the project on Environmentally Sound Management of Persistent Organic Pollutants (POPs) in the Industrial and Hazardous Waste Management Sector in Bosnia and Herzegovina, funded by Sweden and implemented by the United Nations Development Programme (UNDP).

Certificate of Participation

6th International Scientific – Professional Symposium "Environmental Resources, Sustainable Development and Food Production" OPORPH 2019

Certificate of Participation

3rd International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, ICCCE B&H 2018

Certificate of Appreciation for Participation in the "Open Days of Chemistry" (2018)

Demonstrator

Certificate of Appreciation for Participation in the "Open Days of Chemistry" (2017)

Demonstrator

Certificate of Appreciation for Participation in the "Open Days of Chemistry" (2016)

Demonstrator

NETWORKS & MEMBERSHIPS

[2017 – Current] Zmaja od Bosne 35

Society of Chemists and Technologists of Canton Sarajevo

Vice President of the Society since 2022

