

**Sofia Fedorchenko,**  
**Vasyl Stefanyk Precarpathian National University**

**Work place:** Vasyl Stefanyk Precarpathian National University

Department of Chemistry

**Name:** Sofiia Fedorchenko

**Profession:** Associate Professor

**Date of Birth:** 07<sup>st</sup> of June 1978

**Nationality:** Ukrainian

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**CONTACT INFORMATION**

Vasyl Stefanyk Precarpathian National University: 57 Shevchenko Str., Ivano-Frankivsk 76018

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**KEY QUALIFICATIONS:**

Mrs. Sofiia Fedorchenko has more than 20 years of experience in working as a researcher in the area technologies and research on the properties of aminoformaldehyde resins. She is a specialist in the practical application of modern methods of analysis of air, water and polymers. Lecturer, Associate Professor is at the Department of Chemistry. She has a Ph.D. (2005) in Technology of Organic Synthesis Products, Technical Science.

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**EDUCATION**

**Candidate of Science (Ph.D.) in Technology of Organic Synthesis Products** (graduating in 2005), Technical Science, University "Lviv Polytechnic" Ukraine.

**M.A. with honors in Chemistry** (graduating in 2000), Precarpathian National Vasyl Stefanyk University, Ivano-Frankivsk, Ukraine.

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**LANGUAGES:**

	<b>Spoken</b>	<b>Read</b>	<b>Written</b>
Ukrainian	Native	Native	Native
English	Good	Good	Good
Russian	Excellent	Excellent	Excellent

**ADVANTAGES**

Excellent skills and practical experience in the field of chemical and spectroscopic methods of analysis of water, express methods of analysis of air, synthesis and analysis of polymers.

**PROFESSIONAL EMPLOYMENT RECORD:**

2018 *Associate Professor*, Department of Chemistry, Vasyl Stefanyk Precarpathian National University, Ivano-Frankivsk, Ukraine.

2017-2018, *Associate Professor*, Department of Theoretical and Applied Chemistry, Vasyl Stefanyk

Precarpathian National University, Ivano-Frankivsk, Ukraine.  
2014-2017, *Associate Professor*, Department of Organic and Analytical Chemistry, Vasyl Stefanyk Precarpathian National University, Ivano-Frankivsk, Ukraine.  
2008-2014, *Associate Professor*, Department of Chemistry, Vasyl Stefanyk Precarpathian National University, Ivano-Frankivsk, Ukraine.  
2005-2008, *Lecturer*, Department of Chemistry, Vasyl Stefanyk Precarpathian National University, Ivano-Frankivsk, Ukraine.  
2000-2005, *Post-graduate student* at Vasyl Stefanyk Precarpathian National University, Specialty 02.00.06 – «Chemistry of high-molecular compounds».

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## SELECTED PUBLICATIONS:

1. Mykytyn I.M., I.M., Fedorchenko S.V., Kurta S.A. Practical scientific researches on purification of drinking water// Materials of the conference "Theory and Practice – the meaning of Research", 29-31.07.2013, Lublin, Poland. - P.45-51.
  2. Kurta S.A., Matkivsky M.P., Voronych O.L., Fedorchenko S.V. Control of air purity in the trans-border region of Ukraine-Romania// Materials I International scientific-practical Internet-conference of students, post-graduates and young scientists "Determinists of sustainable development of organizations in conditions of globalization", 15-16 December, 2014, Dnipropetrovsk, Ukraine. – P.3-4.
  3. Oleksandra Voronych, Sergiy Kurta, Sofiya Fedorchenko. Technology of recycling, properties and use of polyvinylchloride-coatedpaperwaste // Chemistry&chemical technology. – V. 10, № 2 (2016). – P.219-226.  
<https://doi.org/10.23939/chcht10.02.2192>.
  4. Kotsyubynsky, V.O., Zapukhlyak, R.I., Boychuk, V.M., Fedorchenko, S.V., Hodlevskyi, M.A. Nanostructured  $\text{CuFe}_2\text{O}_4$  and  $\text{CuFe}_2\text{O}_4$ / reduced graphene oxide composites: structural and magnetic studies // Functional Materials, 2021, 28(1), pp. 42–48.  
<https://doi.org/10.15407/fm28.01.42>
  5. Hodlevska, M.A., Zapukhlyak, R.I., Boychuk, V.M., Kachmar, A.I., Fedorchenko, S.V. Cobalt-iron spinel/reduced graphene oxide composite material for supercapacitor applications// Molecular Crystals and Liquid Crystals, 2021, 717(1), pp. 60–71.  
<https://doi.org/10.1080/15421406.2020.1860529>
  6. V.M. Boychuk, V.O. Kotsyubynsky, B.I. Rachiy, I.M. Budzulyak R.I. Zapukhlyak, L.V. Turovska, S.V. Fedorchenko, O.M. Khatsevych. Effect of surfactant type on the magnetic and morphological properties of  $\text{NiFeO}_4$ /reduced graphene oxide composites //PHYSICS AND CHEMISTRY OF SOLID STATE. - V. 23, № 3 (2022) - P. 524-530.  
<https://doi.org/10.15330/pcss.23.3.524-530>
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