

Olha Martynyuk

Curriculum Vitae

Total experience of scientific and pedagogical activity - 26 years.

Author of 5 monographs, 38 educational and methodical works, 115 scientific works (including 64 published papers).

Education

- 2017 **Doctor of Physical and Mathematical Sciences**, *Taras Shevchenko National University of Kyiv*
Cauchy problem and nonlocal multipoint problems for the first-order evolution equations in time
- 2005 **PhD in Physics and Mathematics**, *Yuriy Fedkovych Chernivtsi National University*
Cauchy problem for evolution equations with Bessel operator of infinite order
- 1998 **MSc in Mathematics**, *Yuriy Fedkovych Chernivtsi National University*

Professional appointments

- 2020 – now **Professor**, *Department of Algebra and Informatics*, Yuriy Fedkovych Chernivtsi National University
2019, Head of the Department, *Department of Algebra and Informatics*
2005-2019, Assistant Professor, *Department of Algebra and Informatics*
2000-2005, Assistant, *Department of Algebra and Informatics (till 2004 - Dept. of Algebra and Geometry)*
1998-2000, Teaching Assistant, *Department of Algebra and Geometry*
- 2019 – now **Dean**, *Faculty of Mathematics and Informatics*, Yuriy Fedkovych Chernivtsi National University
2005-2019, Vice-Dean for educational and methodical work, *Faculty of Mathematics and Informatics (till 2013 - Faculty of Applied Mathematics)*

Memberships and chairmanships (commissions, councils, organizations)

- 2020 – now Head of the permanent commission for educational and methodical work, *Academic Council*, Yuriy Fedkovych Chernivtsi National University
- 2020 – now Member of the editorial board of the scientific journal "*Bukovinian Mathematical Journal*"
- 2019 – now Member of the Scientific and Technical Council, *Yuriy Fedkovych Chernivtsi National University*
- 2019 – now Head of the political party "*Party of Chernivtsi people*"
- 2017 – now Guarantor of the educational and professional program "Mathematics and Informatics", *Master's degree, specialization 014.04 "Secondary education (Mathematics)"*
- 2016 – now Member of the development group, *Bachelor's degree higher education standard, 014 "Secondary education" specialization*
- 2015 – now Member of the Specialized Scientific Councils for awarding the degree of Doctor of Philosophy
- 2005 – 2019 Chairman of the Methodical Council, *Faculty of Mathematics and Informatics*
- 2005 – 2019 Member of the Methodical Council, *Yuriy Fedkovych Chernivtsi National University*
 - 2018 Member of the commission of the Ministry of Education and Science of Ukraine for the accreditation examination, *Kamianets-Podilsky Ivan Ohienko National University*
 - 2016 Member of the Scientific and Methodical Commission, *Secondary Education and Sports, 014-4*
 - 2013 Member of the commission of the Ministry of Education and Science of Ukraine for the accreditation examination, *Bohdan Khmelnytskyi National University of Cherkasy*
- 2011 – 2012 Secretary of the Presidium, *Scientific and Methodical Commission for Higher Education on Mathematics, Mechanics and Statistics, Ministry of Education and Science of Ukraine*
 - 1998 Member, *Chernivtsi Mathematical Society*
 - 1998 Member, *Taras Shevchenko All-Ukrainian "Prosvita" Society*

Projects and funding

- 2021 – 2025 Scientific direction (National grant) "Mathematical Sciences and Natural Sciences", *Order of the Ministry of Education and Science of Ukraine №434 (16 Apr 2021)*, funding: 3'738'200 UAH / 4 years
- 2023 Participation in NAWA project "Solidarity with Ukraine - European Universities"
- 2018 – 2020 Research project 64.802 "Mathematical methods of qualitative analysis of dynamic systems, control in the conflict and uncertainty conditions", funding: 900'000 UAH / 2 years
- 2015 – 2018 ERASMUS Project 562013-EPP-1-2015-1-PL-EPPKA2-CBHE-SP "Quality Assurance System in Ukraine: Development on the Base of ENQA Standards and Guidelines"
- 2015 – 2017 Research project 65.800 "A study on boundary value problems for differential and pseudo-differential equations of parabolic and elliptic type and their applications"
- 2011 – 2013 TEMPUS Project 516935 –TEMPUS-1-2011-1 FITEMPUS-SMGR "Towards Trust in Quality Assurance" (TRUST)

Honors and Recognitions

- 2024 Diploma, Ministry of Education and Science of Ukraine
- 2023 Certificate of Honor, Chernivtsi Regional Council
- 2023 Acknowledgment, Trade Union of Education and Science Workers of Chernivtsi region
- 2022 Acknowledgment, Chernivtsi Regional Military Administration
- 2021 Acknowledgment, Department of Education and Science of the Chernivtsi Regional State Administration
- 2021 Acknowledgment, Chernivtsi Mayor
- 2021 Acknowledgment, Ministry of Education and Science of Ukraine
- 2011 Certificate of Honor, Chernivtsi Regional Council
- 2010 Certificate of Honor, Chernivtsi Mayor
- 2005 Certificate of Honor, Education Department of Chernivtsi City Council

Service

2022 – now **Head of the development team, Multifunctional Web System**

A major project for the university digitalization and meeting international standards, including accessibility for the people with visual impairments. Some components:

- a modern bilingual (EN and UA) website of Chernivtsi University and its structural divisions,
- a template for the scientific journals websites,
- e-schedule template for the university classes.

2020 – now **Mentor for school and university teachers**

- digital skills for online teaching and continuous learning process,
- inclusive educational process,
- digital tools for combining creative domains with STEM,
- 3D printing, robotics, etc.

2019 – now **Co-organizer of the educational events for schoolchildren, Faculty of Mathematics and Informatics**

- free preparatory courses in Mathematics for the External Independent Testing and National Multi-subject Testing for the school graduates,
- online coding school,
- biweekly webinars "Road to a dream job" with renowned educators,
- "AbiturCheck" webinars for the graduates planning their future in IT sphere,
- a series of educational activities "Mathematical breakfasts" and "Mathematics. Awaiting Peace" for the internally displaced schoolchildren due to the Russian invasion of Ukraine,
- Maths studying group "Mini-mudryk" ("Mini-wise-kid") for schoolchildren of all ages,
- family mathematics competitions for creative problem solving,
- summer and winter education camps that combine applied sciences (robotics, physics, chemistry, maths, linguistics) with fun quests and contests.

2005 – now **Jury member, Regional stage of the All-Ukrainian Mathematical Olympiad**

2024 **Member of the development team, Electronic system for quality assessment of educational programs**

A joint e-system for the Guarantors of educational programs and Commission of the University Academic council for educational and methodical work. A huge step introducing electronic document management at the university.

- 2022 **Member of the development team**, *Interactive information map "Where to learn the Ukrainian language for free?"*
Featured on the official webpage of the Commissioner for the Protection of the State Language of Ukraine.
- 2021 **Jury Chairman**, *All-Ukrainian competition "Teacher of the Year - 2021" (nomination "Mathematics")*
[Conferences](#)
- 2024 **Program Chair**, *International Conference dedicated to the 145th birth anniversary of Hans Hahn*
- 2024 **Program Chair**, *International Scientific and Practical Conference "Mathematics. Information Technologies. Education", Lutsk-Svityaz*
- 2023 **General Chair**, *International Scientific Conference "Mathematics and Information Technologies" dedicated to the 55th anniversary of the Faculty of Mathematics and Informatics*
- 2022 **Program Chair**, *International Scientific Conference "Applied Mathematics and Information Technologies" dedicated to the 60th anniversary of the Department of Applied Mathematics and Information Technologies*
- 2021 **Program Chair**, *International scientific conference dedicated to the 75th anniversary of the Department of Differential Equations and the 85th birth anniversary of Mykhailo Pavlovych Leniuk*
- 2020 **Program Chair**, *International scientific conference "Modern problems of differential equations and their applications" dedicated to the 100th birth anniversary of Professor S. Eidelman*

Social-oriented work and Volunteering

Since the beginning of the Russian invasion of Ukraine, the volunteering activities have been aimed at helping the military personnel and civilians affected by the war.

- 2024 – now Cooperation with a rehabilitation center treating injured military personnel. 3D printing specific training items to restore coordination and motor skills of the veterans.
- 2022 – now Member of the Charity fund "On time".
- 2022 – now Member of the Charity fund "Volunteer Defense Headquarters of Ukraine".
- 2022 – now Organizing the charity fundraisers and auctions, weaving camouflage nets, arranging settlement and housing for internally displaced persons, and providing them with food and essential items.
- 2022 – now Organizer (in cooperation with doctors) of the first-aid trainings for employees and students.
- 2022 – 2023 Modeling and 3D printing the elements for tourniquets amidst low availability from the suppliers in the hottest phases of war. 3D printing the mannequin jaws for combat medic trainings.
- 2022 Safety arrangements:
- arrangement of bomb shelters for the students and faculty members to secure educational process safety amidst the shellings and rocket strikes,
 - arrangement of "Points of Invincibility" zones to provide uninterrupted access to electricity and the Internet - due to the Russian military attacks on power plants and important infrastructure facilities, electricity in the city is often turned off for its economical use.
- 2019 – now Other well-being arrangements:
- arrangement of wheelchair ramps to make the faculty building an inclusive space for people with disabilities,
 - arrangement of comfort and extracurriculum activity zones for local and internally displaced students: classrooms equipped with laptops, 3D printing lab, chilling areas, ping-pong tables, etc.