

CERTIFICATE

of completion of an internship under the “research–study model”

This is to certify that

Serhii Kharchenko

Sumy National Agrarian University, Ukraine

in the period from August 4, 2025, to December 8, 2025

successfully completed the research – study internship

“Education under Uncertainty: Resilience, Adaptation and Innovation in Wartime”

The internship was conducted in a distance format at the initiative of the Canadian publisher OpenScienceInitiative, which runs a support program for Ukrainian scholars in education and promotes the development of their academic potential, international publishing cooperation, and digital scholarly communication. The program was designed in line with the research–study model, combining the participant’s individual research with focused learning on academic writing, international publishing collaboration, and digital research communication.

Internship outcome: design and presentation of the author’s research as a chapter of the collective monograph “Education At The Edge: Resilience, Recovery, And Innovation In Wartime Ukraine”.

Total workload of the program: 180 hours (equivalent to 6 ECTS credits).

Professional development results:

- acquisition of practical experience in remote international collaboration with a Canadian publisher within a long-term research and training project;
- enhancement of skills in preparing a monograph chapter in line with current international academic and publishing standards (structure, style, research integrity, referencing, and editorial requirements);
- strengthening of the ability to organize collaborative research and editorial work in digital environments, using online tools to coordinate team-based scholarly activities;
- improved capacity to translate research findings into realistic proposals for change in education during war and post-war recovery, with a focus on resilience, adaptation, and innovation.



A handwritten signature in blue ink, reading 'O. Herz', positioned over a horizontal line.

Head of the internship program:
Ph.D. Olga Zaitseva-Herz

Date of issue: December 8, 2025

Registration number of the certificate: No. OSI-M2-112

Provider of professional development: Open Science Initiative, Canada

PROGRAMME OF THE RESEARCH-STUDY INTERNSHIP
"Education under Uncertainty: Resilience, Adaptation and Innovation in Wartime"

Provider of professional development: Open Science Initiative, Canada

Format: distance, networked, and individual internship.

Target group: academic staff of higher education institutions in Ukraine, including holders of Ph.D., Candidate, and Doctor of Sciences degrees, who design and implement research and educational initiatives in the field of education.

Duration: from August 4, 2025, to December 8, 2025.

Total workload: 180 hours (equivalent to 6 ECTS credits).

Structure of the internship program:

1. Analytical and methodological module (30 hours)

- Familiarization with the concept of the monograph "Education At The Edge: Resilience, Recovery, And Innovation In Wartime Ukraine" and with the logic of the research-study model (10 hours).
- Clarification of the topic, aim, and objectives of the author's research; formulation of research questions and working hypotheses (10 hours).
- Examination of approaches to resilient education, the development of resilience, adaptive strategies, and innovations in education in wartime (10 hours).

2. Research and methodological module (60 hours)

- In-depth analysis of Ukrainian and international scholarly sources (20 hours).
- Selection and justification of research methods; design of the study (10 hours).
- Collection, processing, and interpretation of empirical data (20 hours).
- Discussion of ways to integrate theoretical and practical results to inform educational policy and practice (10 hours).

3. Publication and publishing module (60 hours)

- Writing the author's monograph chapter (52 hours).
- Preparing in-text citations, reference lists, tables, figures, and appendices in line with international publishing standards (4 hours).
- Online seminar "Publishing Practices in Canada: Preparing and Publishing Scholarly Monographs", covering: requirements of Canadian publishers for academic manuscripts; organisation of peer review and authors' interaction with reviewers; ethical foundations of academic writing and research integrity; models of open access; copyright issues and contractual relations with the publisher (4 hours).

4. Expert and communication module (30 hours)

- Participation in internal peer review of the monograph chapters and provision of constructive feedback to colleagues (8 hours).
- Revision of the author's own chapter based on reviewers' and editors' comments (8 hours).
- Development of skills in international scholarly communication: professional correspondence with the editorial board, participation in online discussions, negotiation of final editorial changes (8 hours).
- Discussion of possibilities for applying the results of the internship to update educational programs and develop new courses, training modules, and research-education projects (6 hours).

Expected results of the program:

- Broadened experience of participation in international publishing projects, in particular through collaboration with a Canadian publisher.
- Improved practical skills in preparing monograph chapters in line with contemporary academic and publishing requirements.
- Deepened skills of working in research and editorial teams and of using digital tools for collaborative scholarly activity in online environments.
- Enhanced ability to transform research results into realistic proposals for change in education during war and post-war reconstruction.



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