

War, education and development: a pedagogical response to the challenges of modernity

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In a world marked by persistent and evolving conflicts, the intersection of war and education assumes supreme importance. The war implications on the access to a quality education have far-reaching effects, impacting students, educators, and communities.

We are pleased to bring to your attention a special issue entitled «War, Education, and Development: Pedagogical Responses to Contemporary Challenges». This special issue of "Academia" focuses on the pressing issues surrounding the access to a quality education during times of war. The emphasis is made on the pivotal role of universities and pedagogical approaches in conflict resolution and societal progress amidst exceptional circumstances.

The research presented in this special issue aims to deepen the dynamic relationship between war and education understanding as well as to inspire new approaches and best practices. Readers are invited to explore these articles, engage with presented diverse perspectives and innovative solutions, and to join the collective effort to bridge the gaps between war, education, and development. Together, we can work towards a future where education will serve as a beacon of hope in the most challenging of times. Within these pages, readers will find a wealth of knowledge and practical insights. The research presented in this special issue aims to deepen the understanding of the dynamic relationship between war and education and inspire new approaches as

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well as best practices. By addressing the contemporary challenges of our world, we contribute to the broader discourse on education, peace, and human development.

A short abstract for each article

<p>Pavlo Ivanchov, Oleg Povch, Victor Kurbanov, Sergii Loboda</p>	<p>Integrated Simulation Training for Surgical Skill Development in Ukrainian Medical Universities During War</p> <p>During wartime, unified efforts across all sectors, especially in medicine, are crucial. This paper addresses the challenge of incorporating simulation-based learning into military field surgery (MFS) curricula due to limited university resources. It proposes a conceptual model for designing and implementing an integrated simulation training program (ISP) to enhance medical students' surgical skills in MFS. The model ensures the integration of simulation with other teaching methods, addressing key limitations like equipment availability and trained educators, ultimately improving educational outcomes and care quality</p>
<p>Liliia Martynets, Alona Shyba, Iryna Kochetkova, Krystyna Krupiei, Anatolii Rud</p>	<p>The impact of the War on the Development of Higher Education in Ukraine: Experience for EU Countries</p> <p>This study investigated the effects of the Russian-Ukrainian war on the progress of higher education in Ukraine and its potential experience for the European Union. The objective of this research was to comprehend the diverse challenges brought about by military circumstances and to examine the role of digital resources in delivering ongoing education during times of war. The conclusions emphasised the importance of addressing the impact of war on higher education and provided practical implications for developing coping strategies. Ukraine's experience is an important source of learning for EU countries. It could help them responding more effectively to similar challenges.</p>
<p>Kruty Kateryna,</p>	<p>The Main Trends in the Formation of Psychological</p>

<p>Larysa Zdanevych, Iryna Desnova, Olena Blashkova, Mariia Zameliuk</p>	<p>Competence in the Process of Teacher Training</p> <p>This research examines the evolution of psychological competence in teacher training, focusing on the integration of psychological principles and inclusive education. Utilizing a qualitative research design, the study explores how psychological understandings are integrated into teacher development, emphasizing the adoption of inclusive practices, cultural competence, socio-emotional learning, and technological integration. By promoting a holistic teaching approach, this integration not only meets modern educational demands but also enhances the educational landscape by equipping teachers to effectively navigate and address the complexities of diverse classrooms.</p>
<p>Olha Yuryk, Oleksandr Zlobin, Olha Vainahii, Olga Fedosieieva, Oleksiy Shaulko</p>	<p>Analysis of the use of innovative technologies in simulation training to improve the quality of the educational process: experience of medical HEIs in Ukraine during the war</p> <p>This research explores the use of innovative simulation technologies in medical training amidst Ukraine's ongoing conflict, emphasizing their critical role in preserving and advancing healthcare education. Conducting a comprehensive literature review, the paper assesses how simulation contributes to developing key skills in medical students, especially under martial law pressures. The findings are pivotal, demonstrating that simulation not only bolsters the learning process but also ensures the continuation of quality medical education in crisis situations, effectively preparing students for real-world medical challenges.</p>
<p>Oleg Sheremet, Oleksandr Chorny, Tetiana Pshenychna, Yaroslav Sheremet, Denys Domotskyi</p>	<p>Analysis of the impact of decentralization policy on higher education management: Challenges and opportunities</p> <p>This paper delves into the effects of decentralization on the management of higher education, analyzing a range of literature from 2012 to 2023. It highlights both the challenges, like resource disparity and risks to quality standards, and the</p>

	<p>benefits, including increased autonomy and improved responsiveness to local conditions. The study suggests that decentralization supports more adaptable and personalized management strategies in education. This research is valuable for policymakers and educational leaders as it provides insights into managing the balance between empowerment and accountability in higher education governance.</p>
<p>Olena Verzhihovska, Maryna Lysyniuk, Oksana Voznyuk, Tetiana Korzhova, Marina Barbash</p>	<p>Efficiency of using communication tools on the Moodle platform to increase student engagement in a war environment</p> <p>This article investigates the impact of communication tools available on the Moodle platform in enhancing student engagement within the context of the Russian-Ukrainian conflict. Utilizing both qualitative and quantitative methods, the study assesses how 176 participants from Ukrainian universities utilize forums, message systems, chats, and blogs for educational communication. Findings demonstrate that these tools are crucial for maintaining interaction and engagement amidst disruptions caused by war. The study not only confirms the effectiveness of these tools but also suggests their potential to improve online educational practices in similar crisis situations worldwide, thereby contributing valuable insights into the resilience of digital education platforms.</p>
<p>Oksana Kudria, Bohdan Skovronskyi, Oksana Marushchak, Nataliia Honcharova, Volodymyr Sippii</p>	<p>The Role of Innovative Techniques in Development of STEM-education in Ukraine</p> <p>This research examines the role of innovative techniques in the development of STEM education, highlighting the effective organization of a STEM-based curriculum within Ukrainian educational institutions. Employing qualitative research methods, including face-to-face interviews, observations, close-ended surveys, and analysis of written reports, the study assesses the impact of various innovative teaching strategies. It</p>

	emphasizes that new technologies play a critical role in ensuring the continuity of education during times of war and in bolstering the resilience of Ukraine's educational system.
Nadiya Ivanenko, Kateryna Varyvoda, Liubov Halukha, Kateryna Petrovska, Anastasiia Turgenieva	<p>Armed Conflicts and Higher Education: Challenges and Opportunities for Academic Development in Post-Conflict Regions</p> <p>Armed conflicts have consistently posed pervasive challenges, leaving deep and lasting impacts on societies globally. Notably, they significantly affect higher education systems, especially in post-conflict areas. This research investigates the specific challenges and opportunities encountered by academic institutions in these regions concerning their development. The study highlights the necessity of addressing the impacts of armed conflicts on higher education as part of broader post-conflict reconstruction efforts. Initiatives to rebuild educational infrastructure, support displaced individuals, enhance access and inclusion, and foster peace and reconciliation are crucial for developing academic institutions in post-conflict settings.</p>
Yaroslav Kichuk, Olena Biliuk, Oleksandr Kapinus, Svitlana Fedenko, Petro Livak	<p>Innovation in Higher Education in Wartime: Using Modern Technologies</p> <p>This article explores the potential of modern technologies to ensure educational continuity and quality in regions affected by conflict.</p> <p>The analysis demonstrates that technologies such as online learning platforms, mobile learning, and virtual reality can effectively address the educational barriers imposed by war.</p> <p>These advancements have empowered universities to provide remote education, facilitate interactive learning experiences, and even simulate practical training sessions.</p> <p>The case of Ukraine exemplifies how wartime disruptions can be mitigated through the strategic use of technological advancements in education.</p> <p>This research offers valuable insights for scholars interested in</p>

	the field of wartime education and the potential of technological advancements to improve educational accessibility in conflict zones.
<p>Kateryna Voloshchuk, Hrygorii Nekrasov, Natalia Samsutina, Vadym Samoilenko, Olha Anastasova</p>	<p>Methods of Maintaining Motivation for Volleyball in the Student Environment During the War</p> <p>This article analyzes the role of volleyball in enhancing education and health amidst modern challenges, particularly military conflicts. It focuses on strategies to maintain motivation for volleyball among university students during Russian aggression against Ukraine, employing content and comparative analyses, as well as modeling techniques. Findings highlight that patriotism and personal competitive desires significantly motivate students in wartime. The research emphasizes the need for continuous innovation in motivational strategies by educational and coaching staff to keep students engaged.</p>