

of misconduct, or intentionally making false statements of misconduct.

Conclusion. The most significant aspects that should be integrated into the general perception of a proper ethical conduct in scientific research include: upholding the highest level of integrity for all research and experiment, publishing outcomes of research in journals and other kinds of media, allowing admission to others in order to replicate the testing outcomes, recognising the contributions of others.

Key words: integrity, misconduct, plagiarism, authorship, research.

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PRINCIPLES OF ACADEMIC FREEDOM AND INTEGRITY AT IVAN FRANKO NATIONAL UNIVERSITY OF LVIV

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Introduction. Studying the principles of academic freedom and integrity at Ivan Franko National University of Lviv is important for several reasons: academic freedom and integrity are essential for the pursuit of knowledge and truth, the preservation and transmission of knowledge, and the reputation and standing of Ivan Franko National University of Lviv.

Materials and Methods. Case studies for examining specific cases of academic misconduct or academic freedom violations to learn from them.

Results. Ivan Franko National University of Lviv promotes academic integrity among higher education students. Applicants have

the right to study a discipline of their choice, taking into account the «Regulations on the Procedure for Ensuring the Free Choice of Disciplines by Higher Education Applicants at the Ivan Franko National University of Lviv» [1]. Academic mobility is an element of the implementation of academic freedom for applicants, and applicants have the opportunity to choose an exchange program abroad and study for a whole semester (academic year) at a foreign partner university.

Several documents have been developed at Ivan Franko National University of Lviv that contain policies, standards and procedures for maintaining academic integrity: «Code of Academic Integrity of the Ivan Franko National University of Lviv»; Regulation «On Ensuring Academic Integrity at the Ivan Franko National University of Lviv»; «Declaration of Academic Integrity by an Employee of the Ivan Franko National University of Lviv»; «Declaration of Academic Integrity by a Student of the Ivan Franko National University of Lviv» [1].

Students of the educational program sign a declaration of academic integrity by the applicant for higher education at Ivan Franko National University of Lviv. All qualification works are checked for compliance with the rules of academic integrity, the printed version is stored in the university archive, and the electronic version is placed in the university repository. Based on academic freedom, students take part in various events related to scientific, educational, research and development activities that take place both in Ukraine and abroad. The university holds university-wide events to promote academic integrity: seminars, webinars, and round tables. The reaction of Ivan Franko National University to violations of academic integrity is defined by the Regulation «On Ensuring Academic Integrity» [1] and provides for measures of influence and sanctions.

Conclusion. Academic staff of the Ivan Franko National University of Lviv ensure academic integrity by raising their professional level through self-development and self-improvement; providing quality educational services with the involvement of innovative developments in the field of education; independent establishment and selection of the structure and methods of lectures and practical,

seminars, types of teaching materials, teaching format; impartial and objective assessment of students' learning outcomes, ensuring a friendly environment in the university. Adherence to the principles of academic freedom is realized by students through the acquisition of knowledge, the formation of competencies by their vision and needs; free choice of academic disciplines and forms of education, research guidelines in the process of writing a term paper or qualification work, independent completion of educational tasks, etc.

References

1. Website of the Ivan Franko National University of Lviv.
URL: <https://www.lnu.edu.ua/>

Key words: academic freedom, integrity, university, academic staff, students.

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THE POTENTIAL IMPACT OF GENERATIVE AI ON OPEN SCIENCE AND REPRODUCIBILITY

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Recent advances in Large Language Models (LLMs) have captured the public attention and raised interest in the potential for such AI technologies to transform workflows across a range of areas, including scientific work. Rich experimentation is already underway to examine their potential in reshaping scientific tasks including information retrieval, data analysis, data synthesis, quality assurance and more. This comes, however, at a time when many disciplines are addressing what has been termed a “reproducibility crisis”, with systematic replication, prevalence of questionable research practices