

Warith Al-Anbiyaa University | College of Science

Research Ethics Guide - College of Science

Preamble

The College of Science at Warith Al-Anbiyaa University is committed to establishing a research environment grounded in integrity and reliability. This guide serves as the regulatory and normative framework for all research activities conducted within its scientific departments (Medical Physics, Forensic Evidence, and Information Technology). It aims to ensure the protection of researchers' rights, participants, and the environment, while maintaining the highest standards of rigorous scientific publishing.

General Principles of Academic Conduct

All researchers (faculty members and students) are required to adhere to the following standards:

1. **Academic Integrity:** Complete abstinence from all forms of data manipulation or falsification of laboratory results.
2. **Transparency:** Disclosure of methodologies used, funding sources, and any potential conflict of interest that may affect the neutrality of the study.
3. **Social Responsibility:** Directing scientific research to serve societal and developmental issues in alignment with the university's vision.

Specialized Ethical Regulations

A. Department of Medical Physics

- **Radiation Protocols:** Adherence to the International Atomic Energy Agency (IAEA) standards for protecting individuals from radiation during experiments.
- **Patient Ethics:** Obtaining Informed Consent and ensuring the confidentiality of clinical data in diagnostic and therapeutic studies.

B. Department of Forensic Evidence (Forensic Science)

- Chain of Custody: An ethical commitment to ensuring the integrity of forensic samples and preventing contamination, as they constitute evidence involving legal and judicial rights.
- Legal Confidentiality: Prohibiting the publication of any results related to real forensic data without obtaining the necessary official licenses.

C. Department of Information Technology

- Data and Algorithm Protection: Commitment to AI Ethics, ensuring that algorithms are not used in discriminatory practices or to violate user privacy.
- Software Ownership: Respecting open-source software licenses and attributing programming codes and digital libraries to their original developers.

Governance of Scientific Publishing and Plagiarism Prevention

The college adopts a strict policy regarding Plagiarism, considering it a grave violation. This policy includes:

- Citation and Documentation: Mandatory use of international documentation systems (such as APA or IEEE) with extreme precision.
- Originality of Work: All research papers and theses must undergo electronic plagiarism detection software before approval.
- Authorship Rights: Authorship is granted based on actual intellectual and practical contribution, avoiding the phenomenon of "Courtesy Authorship."

Monitoring and Compliance Mechanism

The Research Ethics Committee in the college is responsible for the following tasks:

1. Reviewing research proposals before implementation to ensure compliance with ethical standards.
2. Investigating any allegations related to scientific misconduct.

3. Providing necessary recommendations to the College Deanship regarding the integrity of the research path.

Conclusion

Adherence to this charter is the benchmark of excellence at Warith Al-Anbiyaa University. We believe that the quality of scientific research begins with the integrity of the researcher's conscience before the efficiency of their tools. Accordingly, we set these standards as a roadmap toward global leadership.

