
Guide to Scientific Research Ethics

College of Science | Warith Al-Anbiyaa University

2026–2027

Preface

The College of Science at Warith Al-Anbiyaa University is committed to establishing a rigorous research environment grounded in the highest standards of scientific integrity and reliability. This Guide constitutes the regulatory and normative framework governing all research activities within the College's scientific departments. Its principal aims are to protect the rights of researchers and participants, to safeguard the environment, and to ensure the continued improvement in the quality of scholarly publication outputs.

I. General Principles of Academic Conduct

Adherence to these principles is a fundamental obligation of all research personnel, including faculty members, researchers, and students:

- **Academic Integrity:** Absolute abstention from all forms of data manipulation, as well as from the falsification or fabrication of laboratory and research results.
- **Transparency and Disclosure:** Complete clarity in presenting the scientific methodologies employed, together with advance disclosure of funding sources and of any potential conflict of interest that may compromise the impartiality and objectivity of the study.
- **Social Responsibility:** Directing research efforts toward addressing developmental issues and serving society, in a manner consistent with the University's strategic vision.

II. Discipline-Specific Ethical Requirements

A. Department of Medical Physics

- **Radiation Protocols:** Compliance with the standards of the International Atomic Energy Agency (IAEA) in protecting individuals from radiation during experiments.
- **Ethics of Patient Interaction:** Obtaining informed consent and ensuring the confidentiality of clinical data in diagnostic and therapeutic studies.

B. Department of Forensic Evidence

- **Chain of Custody:** An ethical obligation to ensure the integrity of forensic samples and to prevent their contamination, given that they may give rise to legal and judicial consequences.
- **Legal Confidentiality:** The publication of any findings relating to real criminal data is prohibited unless the necessary official authorizations have first been obtained.

In view of the diversity of disciplines within the College, specific provisions have been defined for each scientific department in order to ensure compliance with professional standards:

Academic Department	Ethical and Professional Scope	Principal Requirements and Controls
Medical Physics	Radiation and Clinical Protocols	• Strict compliance with the standards of the International Atomic Energy Agency (IAEA) for the protection of individuals and the environment. • Obtaining “informed consent” from patients. • Ensuring the complete confidentiality of clinical data in all diagnostic and therapeutic studies.
Forensic Evidence	Forensic Integrity and Legal Confidentiality	• Maintaining the “chain of custody” to safeguard the integrity of samples and prevent their contamination, given that they constitute evidence with judicial consequences. • The publication or circulation of any findings derived from real criminal data is strictly prohibited without prior official authorization.

III. Governance of Scholarly Publishing and Intellectual Integrity

The College Deanship adopts a “zero-tolerance” policy toward plagiarism in all its forms, and the following provisions shall apply:

1. **Reliability and Citation:** Strict adherence to recognized international referencing and citation systems (e.g., APA or IEEE) in all scholarly outputs.
2. **Originality of Scholarly Output:** All research papers, projects, and university theses and dissertations shall be subjected to approved electronic plagiarism-detection software prior to their approval or publication.
3. **Authorship:** Authorship shall be granted exclusively on the basis of actual intellectual and practical contribution to the completion of the research, with an absolute prohibition of the practice of “gift authorship.”

IV. Monitoring and Compliance Mechanisms

To ensure the effective implementation of this Guide, the College’s **Scientific Research Ethics Committee** undertakes the following institutional functions:

- **Prior Review:** Evaluating research proposals and projects before implementation to verify that they satisfy the approved ethical standards.
- **Inquiry and Investigation:** Examining any allegations or reports concerning research misconduct or ethical violations.

- **Evaluation and Recommendations:** Submitting recommendations and periodic reports to the College Deanship in order to correct the research trajectory and protect the academic reputation of the institution.

Conclusion

Strict adherence to the provisions of this Guide is a benchmark of academic excellence at Warith Al-Anbiyaa University. We firmly believe that the quality of scientific research springs from the integrity of the researcher's conscience before the competence of his or her instruments. On this basis, we establish these standards as an institutional roadmap toward achieving global scientific leadership.