

# Chungnam National University Research Ethics Regulations

Date of Approval: October 24, 2024  
Promulgated by the University President: October 29, 2024  
Full Revision: February 21, 2023 (Regulation No. 2085)  
Amendment: October 29, 2024 (Regulation No. 2149)

## Chapter 1: General Provisions

### Article 1 (Purpose)

These regulations aim to establish the principles of research ethics that researchers at Chungnam National University (hereinafter referred to as "the University") must follow and to set up the institution's framework for research ethics.

### Article 2 (Scope of Application)

These regulations apply to faculty members, researchers, graduate students, and any other individuals directly or indirectly involved in research activities within the University (hereinafter referred to as "Researchers").

### Article 3 (Scope of Application)

These regulations apply to all research activities within the University, including research proposals, research execution, and the reporting and publication of research results. Unless specified otherwise by other laws or regulations pertaining to particular research fields, these regulations shall govern.

### Article 4 (Operational Guidelines)

Specific details required for the enforcement of these regulations shall be separately determined through the review of the University's Research Ethics and Integrity Committee.

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## Chapter 2: Protection and Management of Research Integrity

### Article 5 (Responsibilities and Roles of Researchers)

Researchers must conduct all research-related activities, such as research proposals, execution, reporting, and evaluation, with honesty and integrity. Researchers are also expected to adhere to the following:

1. Respect the dignity and ensure fair treatment of research subjects.
2. Protect the personal information and privacy of research subjects.
3. Conduct research based on factual evidence, with transparency and honesty.
4. Uphold academic integrity when contributing expert knowledge to society.
5. Publish new academic findings to contribute to scholarly advancement.
6. Acknowledge and respect the achievements of previous researchers by appropriately citing and crediting their work.

7. Take ethical responsibility in contracting, securing, and managing research funds.
8. Disclose all relevant conflicts of interest related to research outcomes to funding agencies.
9. Ensure accuracy in author information, including affiliation and position, to maintain the credibility of published research.
10. Participate in ongoing research ethics education.

#### **Article 6 (Responsibilities and Roles of Principal Investigators or Supervisors)**

1. Principal investigators or supervisors must guide research activities and academic writing for students, including undergraduates, graduate students, and postdoctoral researchers.
2. They are responsible for guiding researchers to uphold ethical research practices.
3. Supervisors must treat all researchers equally, without discrimination based on race, gender, age, or other factors.
4. Supervisors should show concern for the human rights, welfare, and rights of researchers participating in research.
5. Ownership and responsibility regarding data and research outputs must be clarified at the start of the research project.

#### **Article 7 (Documentation of Research Data and Derivation of Results)**

1. Researchers should conduct studies based on accurate and verified data (e.g., materials, processes, results from experiments, observations, field surveys, or questionnaires) and derive results aligned with the truth.
2. All research data should be accurately reported and maintained to allow for verification and interpretation.
3. Researchers should use appropriate experimental designs and statistical methods and disclose these if necessary, except when such disclosure may compromise proprietary information or intellectual property.
4. Matters related to the ownership, management, preservation, disposal, security, and disclosure of research notes and data shall be governed by the "CNU Research Notes Guidelines."

#### **Article 8 (Use of Research Outcomes)**

1. Researchers must primarily utilize their own ideas, data, and text when preparing research proposals, documents, and other research outputs.
2. When using others' ideas, data, or publications, researchers must properly attribute or cite the sources.
3. Researchers must not republish previously published work, whether in whole or part, in the same or different language without appropriate citation.

#### **Article 9 (Utilization of Research Outcomes)**

Researchers must utilize and publish research results in a manner consistent with academic integrity and must not distort or exaggerate results for personal gain or external reputation enhancement.

**Article 10 (Ownership of Research Outputs)**

Research outputs generated as part of the University's duties are the property of the University and may not be transferred or used without the University's permission.

**Article 11 (Prevention of Misconduct)**

Separate regulations shall govern the prevention of research misconduct.

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**Chapter 3: Academic Exchange and Sound Academic Activities****Article 12 (Principles of Research Presentation)**

1. Researchers must present their research findings accurately and truthfully.
2. Prior to publication, researchers should recognize the potential societal impact of their research and act responsibly as experts.

**Article 13 (Authorship)**

1. Only those who have made scholarly or technical contributions to research activities should be designated as authors. Those who have not contributed academically or technically should not be included as authors.
2. Researchers may acknowledge contributions from individuals who provided research funding, data collection, data entry, or translation, without including them as authors.

**Article 14 (Affiliation of Authors)**

Authors must indicate their affiliation at the time the research was conducted. However, if different practices are common in a specific field, those practices may be followed.

**Article 15 (Authorship of Special Relations)**

Researchers must not include individuals who do not meet the requirements for authorship, such as spouses, direct relatives, or minors, as co-authors in their publications.

**Article 16 (Maintaining Academic Integrity)**

Researchers must uphold academic integrity by avoiding participation in low-quality academic exchanges, such as publishing in disreputable journals or attending questionable conferences. Researchers should ensure they understand the nature and standards of the journal or conference prior to submission.

**Article 17 (Security Management in National Research and Development Projects)**

1. Researchers must take necessary measures to prevent unauthorized leaks of major information related to national research and development projects.
2. Matters related to research security management in national research projects shall be governed by the "CNU Research Security Guidelines."

## **Article 18 (Protection of Information in International Collaboration)**

1. Researchers must maintain confidentiality when collaborating with foreign researchers or institutions.
  2. For projects related to national core technologies or designated as security projects, research materials provided to foreign institutions must undergo review and approval.
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## **Chapter 4: Prevention and Management of Conflicts of Interest**

### **Article 19 (Definition of Conflict of Interest)**

“Conflict of Interest” refers to situations where personal interests may compromise or appear to compromise the impartiality of research activities.

### **Article 20 (Scope of Conflict of Interest)**

Conflicts of interest encompass cases that may impair objectivity or impartial judgment, including financial, personal, professional, and intellectual conflicts.

### **Article 21 (Management and Disclosure of Conflicts of Interest)**

1. Researchers must disclose any potential conflicts of interest to ensure transparency and accountability.
  2. Researchers must report situations where personal benefits could compromise research integrity and should not distort results based on financial interests.
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## **Chapter 5: Ethics in Human and Animal Research**

### **Article 22 (Ethics in Human Research)**

1. When conducting research involving humans or human-derived materials, researchers must obtain prior review and approval from the University’s Institutional Review Board (IRB).
2. The operation of the IRB shall follow the “CNU IRB Regulations.”

### **Article 23 (Ethics in Animal Research)**

1. Researchers conducting animal experiments must obtain prior review and approval from the University’s Animal Ethics Committee.
  2. The operation of the Animal Ethics Committee shall follow the “CNU Animal Ethics Committee Regulations.”
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## **Chapter 6: Establishing a Healthy Research Culture**

#### **Article 24 (Protection of Researchers' Rights and Welfare)**

1. Researchers should respect others' rights and ensure that no infringement of rights occurs.
2. Principal investigators should protect the human rights and welfare of researchers and treat all researchers fairly, without discrimination.

#### **Article 25 (Fairness and Conflict Management among Researchers)**

Researchers should foster a collaborative research culture and ensure clear roles and responsibilities in joint research projects.

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### **Chapter 7: Research Ethics Education**

#### **Article 28 (Research Ethics Education)**

1. The University shall provide research ethics education to promote ethical awareness among researchers.
2. The University shall endeavor to secure educational materials and resources to support research ethics education.

#### **Article 29 (Duties of Researchers)**

1. Researchers shall be familiar with these regulations and abide by them.
  2. Researchers shall participate actively in the University's research ethics education programs.
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#### **Supplementary Provisions (Regulation No. 2085, February 21, 2023)**

These regulations shall take effect on the date of promulgation.

#### **Supplementary Provisions (Regulation No. 2149, October 29, 2024)**

These regulations shall take effect on the date of promulgation.