

A Course on Ethics

Research Integrity

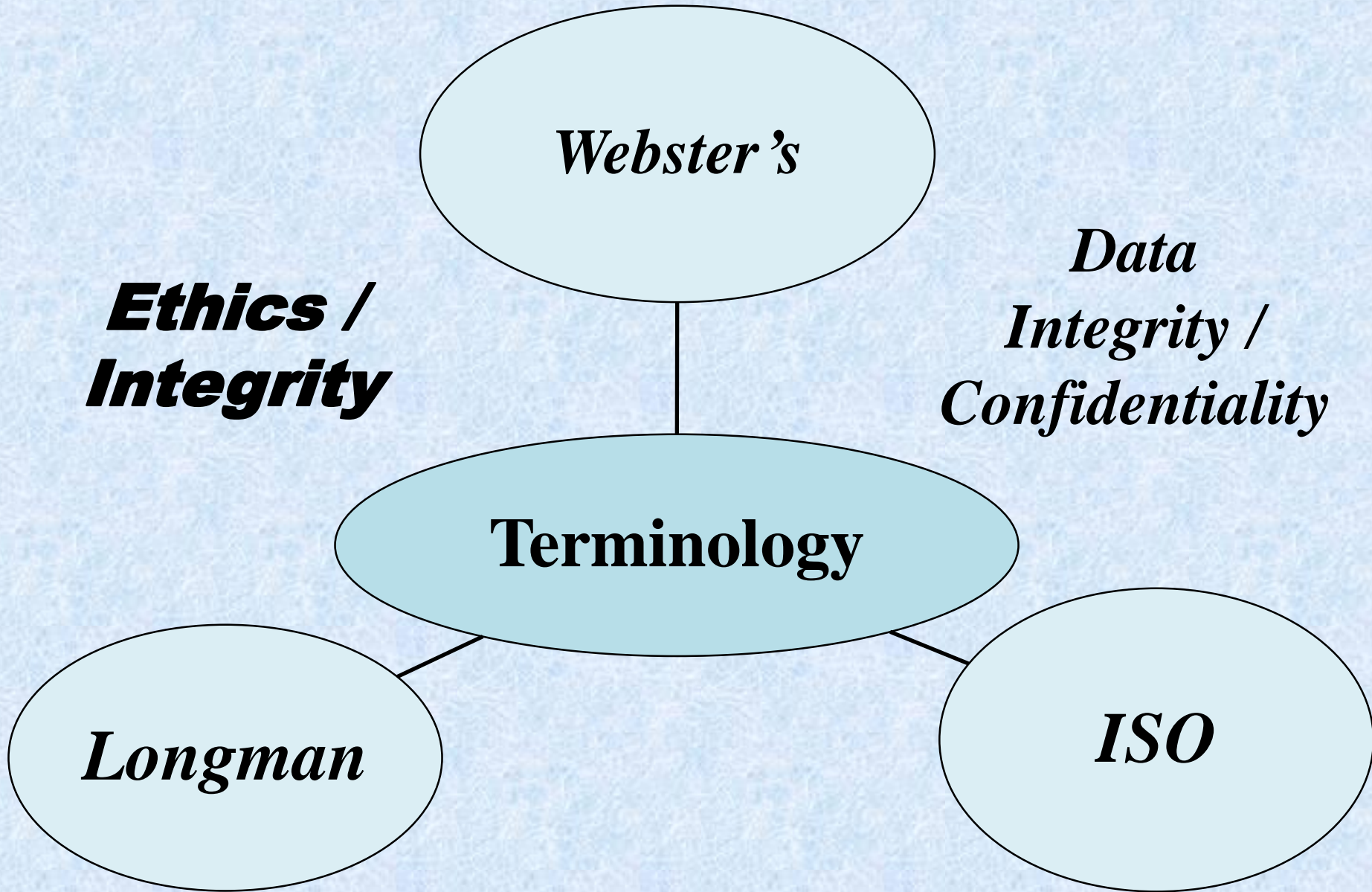
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Research Integrity

Terminology

Organizations

K Sharing



Terminology: *Webster's*

Integrity

*State of Quality: of
being Complete*

**Undivided /
Unbroken**

Purity / Moral

Honesty Webster's, 1961

Ethical

*Of or Relating to
Moral Action or
Motive*

**Conforming to
Professional
Standard of Conduct**

Webster's, 1961

Terminology: *Longman*

Integrity

Honesty

High Moral Standard

State of being

United as

One Complete Thing

Longman, 2001

Ethical

Relating to the

Principles of

Right or Wrong

**Morally Good or
Correct**

Longman, 2001

Terminology: *ISO*

Data Integrity

The “*data*” *quality* that exists as long as accidental or malicious destruction, alternation, or loss of “*data*” does not occur.

ISO 2382

Confidentiality

Ensuring that information is accessible only to those authorized to have access.

ISO 2000



NEH: *National Endowment for the Humanities*

An Agency (US Gov.): *Grants for supporting research, education, preservation, and public programs in humanities.*

Strengthen teaching and learning in the humanities in schools and colleges across the nation

Facilitate research and original scholarship

Provide opportunities for lifelong learning

Preserve and provide access to cultural and educational resources

Strengthen the institutional base of the humanities

Has a “Research Misconduct Policy”

NEH: *Research Misconduct Policy*

Definition	<i>Procedures for Adjudication and Appeal</i>
Findings	<i>Closing of the Case</i>
Responsibility for Inquiry, Investigation, and Adjudication of Allegations	Timeliness: <i>within six months with extension allowance</i>
Response to an Allegation	<i>Safeguards for Informants</i>
Procedures for Inquiry and Investigation	<i>Safeguards for Subjects of Allegations</i>
Notification of the subject of the allegation	Confidentiality: <i>during the inquiry, investigation, and decision-making Processes</i>

NEH: *Definition of Research Misconduct*

Definition	“Fabrication, Falsification, or Plagiarism (FFP)” <i>in proposing, performing, reporting, or reviewing research (& research results)</i>
Fabrication	Making up (& reporting) <i>data or results</i>
Falsification	Manipulating research <i>materials, equipment, or processes, or changing data or results</i> such that research is not accurately represented.
Plagiarism	Appropriation of <i>another person's ideas, processes, results, or words</i> without giving appropriate credit.
Exception	Honest errors or differences of opinion.

COPE: Committee on Publication Ethics

A charity registered in the UK (1997)

<http://publicationethics.org>

Integrity of peer-reviewed papers: science *particularly biomedicine*.

Editors of ([Elsevier](#), [Wiley–Blackwell](#), [Springer](#), [Taylor & Francis](#), [Palgrave Macmillan](#) and [BMJ Publishing Group](#)) are COPE members (5200).

COPE Council: Editors, writers, publishers, ethicists, lawyers (+)

Publishes a **Code of Conduct** for Editors

Flowcharts to handle common publication misconduct problems

Funds **research** on issues relating to publication misconduct

COPE: *Best Practice Issues for Editors*

Duties & Responsibilities		Quality Assurance
Relations with	<i>Readers</i>	Protecting Individual Data
	<i>Authors</i>	Academic Integrity
	<i>Reviewers</i>	Integrity of Academic Records
	<i>Editorial Board Members</i>	Intellectual Property
	<i>Owners / Publishers</i>	Commercial Considerations
Peer Review Processes		Conflict of Interest

UK RIO: *UK Research Integrity Office*

RIO: Research Integrity Office (UK)

An independent advisory body, hosted by UK Universities

Launched in 2006

Supported by: *the government and the major regulators and funders of health and biomedical research.*

Supports: *research organisations & individual researchers*

Promotes: *good governance, management & research conduct*

Shares: *good practice on how to address misconduct in research*

Provides: *advice & guidance on specific cases*

UK RIO: *Principles (Org. & Researchers)*

Excellence	Research outcome: <i>highest quality</i>
Honesty	Research culture: <i>honesty</i>
Integrity	Comply with: <i>legal & ethical requirements</i>
	Declare & resolve: <i>conflict of interest</i>
Cooperation	Exchange: <i>ideas, methods, data and results</i>
	Consideration of: <i>confidentiality</i>
Accountability	Accountability to the: <i>general public</i>
	Follow requirements of: <i>professional bodies</i>
Training	For acquiring: <i>research skills</i>
Safety	For all: <i>dignity, rights, safety and wellbeing</i>
	Taking risks: <i>justified benefits</i>

UK RIO: *Standards (Org. & Researchers)*

1	Guidance on: <i>research practices</i>
2	<i>Leadership & supervision</i>
3	<i>Training & Mentoring</i>
4	<i>Research design</i>
5	<i>Collaborative working</i>
6	<i>Conflicts of interest</i>
7	<i>Research involving human participants, human material, or personal data</i>
8	<i>Research involving animals</i>

UK RIO: *Standards (Org. & Researchers)*

9	<i>Health & safety</i>
10	<i>Intellectual property</i>
11	<i>Finance</i>
12	<i>Collection & retention of data</i>
13	<i>Monitoring & audit</i>
14	<i>Peer review</i>
15	<i>Publication & authorship</i>
16	<i>Misconduct in research (*)</i>

UK RIO: *Misconduct in research* (*)

a	<i>Fabrication</i>		
b	<i>Falsification</i>		
c	<i>Misrepresentation of data, interests, and involvement</i>		
d	<i>Plagiarism</i>		
e	Failures to follow accepted procedures	<i>Avoiding unreasonable risk or harm</i>	1 <i>Human</i>
			2 <i>Animals</i>
			3 <i>The environment</i>
		<i>The proper handling of privileged or private information on individuals collected during the research.</i>	

ESF: *European Science Foundation*

**An association of devoted to scientific research:
*Started in 1974 ; Members 79 Org. in 30 European countries;***

Purpose: *To promote high quality science in Europe “in all fields”*

World Conference on Research Integrity:

Lisbon, Portugal (16-19 September 2007)

Addressing: *the urgent need for fighting fraud, forgery and plagiarism in science world-wide*

2nd World Conference on Research Integrity:

Nanyang Technological University (NTU), Singapore (21-24 July, 2010)

Addressing RI: *Issues; Commitment; Public Confidence*

AREC: Association of Research Ethics Committees

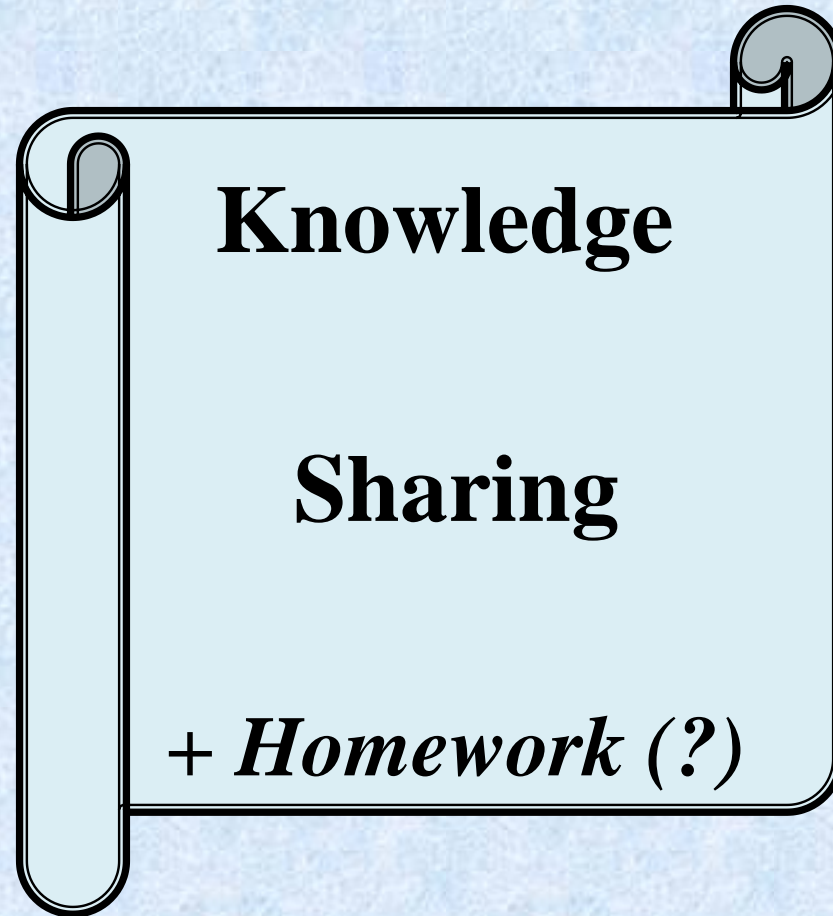
AREC is an independent, self-governing body of Research Ethics Committees, local and multi-centre (UK)

**REC(s) review proposals for research on human participants so as to protect them from unduly risky or unethical research
While also encouraging research of high quality.**

Vision is of Human Health and Well-Being: attained through ethical research and the application of its results.

Journal (Research Ethics Review: RER): interested in research ethics and the procedures and process of ethical review;

RER: publishes original papers, review articles and case studies.



Knowledge

Sharing

+ *Homework* (?)