| Academic Integrity | |
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| How to do it right | |
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| Why it matters | |
| Virtually everything we know has come to us | |
| because someone else has taken the time to think about it, research it, and then share what | |
| they have learned. | |
| All academic research is built on previous research and therefore, accurate, valid | |
| information is essential.If you wanted to follow up on the previous | |
| research, you would need the relevant citations | |
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| Imagine | |
| Imagine what would happen —if a new drug therapy was founded on incorrect or | |
| false research —if research that countered the current results was | |
| ignored | |
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Academic culture

- When you become a student, you become part of the academic culture. You are exploring and investigating new areas of interest and locating existing knowledge. This is research even though you may not be contributing new knowledge.
- As part of the academic culture, you have the responsibility to conduct ethical research.
 Accurate citations and fair acknowledgment of information sources are essential.

The Real World

- Plagiarism matters in the real world
- Reporters <u>Jayson Blair</u>, New York Times
- Wikipedia <u>Use of Images</u> > Key principles
- Web sites Plagiarism Today
- Medical profession

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| From | Misconduct in medical research | h, | |
| Lancet | David Evered, Philippe Lazar | <u></u> | |
| | Several incidents of scientific misconduct how hard caused widespread concern. The Buropean/Medica Research Ceanable take this issue very seriority and ar- resolved, as part of their responsibility to government the public, and the scientific community to easure the scientific integrity of the research that they fund. The European Medical Research Councils do no | strongly in favour of each professional body and research establishment drawing up its own guidelines on "good research management" and its own code of good laboratory practice. However, several general principles apply. | |
| Misconduct in me | dical research orn they support urious profession and training the de incutation on n and laborator search institution Council's view is | mining infinishable involved in research the numbers supervised by each summar actuator must be limited to ensure that each mainter receives adequate individual attention. The supervisor about demand attention that are previous about course that second research practice is followed and personnel studied receive guidance in the conduct of the project, data management, and supervis account of publication. 6 Good records between its management, and supervised second 6 Good records and 6 Good records and 6 Good records are supervised as the supervised second 6 Good records and 6 Good records are supervised second 6 Good records are supervised second 6 Good records are supervised second 6 Good records and 6 Good records are supervised second 6 Good records are supe | |
| Several incidents of scientific caused widespread concern. T Research Councils take this issu resolved, as part of their respon the public, and the scientific co | The European Medical to rest with the stigators (who are assibility to governments, mmunity, to ensure the | d readly understood by others and should remain available and accordable for review for a teasir for years following pedication of the week. It may be necessary to keep source data for much leasure previous in some intransecs (e.g. lenguadual pedications) and accord with international best pedications of the pedication of the pedicati | |
| scientific integrity of the research | that they fund. — of a alegations of Scientific misconduct broadly falls into one of thee cargageries: pissy, plagariem, or fraud. The factor responsible for misconduct or fraud are complex and no falls underscood. They clearly include the pressure to misconduct of the complex of the comple | being submitted for publication. Only those who have contributed significantly to the work tould be authors of a publication and they should be authors of a publication and they should sign a declaration to that effect. **Relevant work published by others should be properly cited and acknowledged. **Sufficient experimental detail should be given to allow independent evaluation of the data and reception of the work. | |
| | Education, training, and standards Requestioning for scoring overall standards in education requestions are standard or standards of standards of standards of standards during | | |

Acknowledgement

- Academic research encourages (requires) an examination and awareness of previous research in order to provide a context for new research
- It is expected that previous research that is consulted should be documented and when it is incorporated into new research it should be acknowledged or cited

Acknowledgement

- Work that has been created by another person and used in the creation of a paper, web page or computer code must be cited even if it is not copyrighted – this does not just mean words, it includes images and code
- Images must be cited even if they are
 - -Royalty free or freely available on the web
 - -Altered by the user
 - -Combined with another image

Questions

- Ask yourself
 - -Am I giving people the impression that I created this image when I display it on my web page or in my document?
 - -Am I pretending authorship?
 - Am I assuming people will know I didn't create it
 If yes, then I am also assuming they will know where to
 - access the image where it originally appeared
 —Is the image copyrighted or trademarked?
 - If yes, then I am misusing it if I don't cite the source

Citation for a Web page

- Page Title
- Date of creation or last update
- Author or Company name
- Date it was accessed
- Address of web page

"MySpace launches net music store." 25 September 2008. British Broadcast Corp. 30 Sept. 2008 <

http://news.bbc.co.uk/2/hi/technology/7635416.stm>

Citation for an image

- Artist or company name (if available)
- Title of the work (if available; check alt text)
- Date it was created or trademarked
- Repository, museum, or owner (if applicable)
- · Date it was accessed
- Web site address

Python Software Foundation. Python logo. 1990-2008. Accessed 30 Sept. 2008. http://www.python.org

Paraphrasing

- Goa
 - Provides an understanding of the key points without including exact phrases or maintaining similar order of the original text
 - –Avoids over usage of quotes
 - -Helps you grasp the full meaning of the original

Paraphrasing

 "Students frequently overuse direct quotation in taking notes, and as a result they overuse quotations in the final [research] paper. Probably only about 10% of your final manuscript should appear as directly quoted matter. Therefore, you should strive to limit the amount of exact transcribing of source materials while taking notes." (Lester 46-47)

Lester, James D. <u>Writing Research Papers.</u> 2nd ed. New York: Scott Foresman, 1976.

Unacceptable paraphrase

- Students often use too many direct quotations when they take notes, resulting in too many of them in the final research paper. In fact, probably only about 10% of the final copy should consist of directly quoted material. So it is important to limit the amount of source material copied while taking notes.
- Same organization, order and length; some exact phrases; no acknowledgement

Acceptable Paraphrase

- In research papers students often quote excessively, failing to keep quoted material down to a desirable level. Since the problem usually originates during note taking, it is essential to minimize the material recorded verbatim (Lester 46-47).
- Maintains the sense of the paragraph without using exact phrases or similar order; shorter; acknowledges source

| Questions? | |
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