

ETHICS IN PUBLICATIONS

APPROACHES

PRINCIPLES

1. **Non – maleficence** – not doing harm
2. **Beneficence** – doing good
3. **Autonomy** – promotion of self – determination of others
4. **Justice** – fairness
5. **Universalizability** – applicability in other such circumstances
6. **Rationality** – ability to give good reasons

DIFFERENCE BETWEEN ETHICS vs ETIQUETTE

AUTHENTICITY

ACCURACY

- Providing complete data (not only those supporting your hypothesis)
- Avoiding inappropriate manipulation of images such as photographs
- Using appropriate statistical procedures

ORIGINALITY

- Not republishing the same findings (except under special circumstances, with the original source cited)
- Not submitting the same manuscript to 2 or more journals at once
- Not dividing 1 modest – sized research project into many little papers

CREDIT

- Citing sources of information and ideas (also aids credibility, helps in finding out more)
- **Avoiding excessive use of other's words –**
 - Recording sources when copying items / faking notes
 - Placing in quotation marks / indenting / Items used verbatim
 - Perhaps drafting some items while not looking at the source materials
- **Observing copyright and obtaining needed permissions**
- **Assigning authorship appropriately –**
 - Avoiding guest authors and ghost authors
 - If applicable, assigning contributionship
 - Acknowledging sources of assistance

ETHICAL TREATMENT OF HUMANS AND ANIMALS (and documentation thereof in publications)

DISCLOSURE OF CONFLICTS OF INTEREST

1. Financial
2. Other

SOME AREAS WHERE GRADUATE STUDENTS MAY FACE ETHICAL ISSUES

1. Authorship
2. Choice of journals
3. Collaboration in peer reviewing
4. Other

ETHICAL PUBLICATION

- Not only avoiding bad practices (fabrication, falsification, plagiarism etc) but also doing good
- Therefore – obligations –
 1. To publish
 2. To present work in a way that is readily understood



On Being a Scientist: Responsible Conduct in Research, 3rd edition (2009)

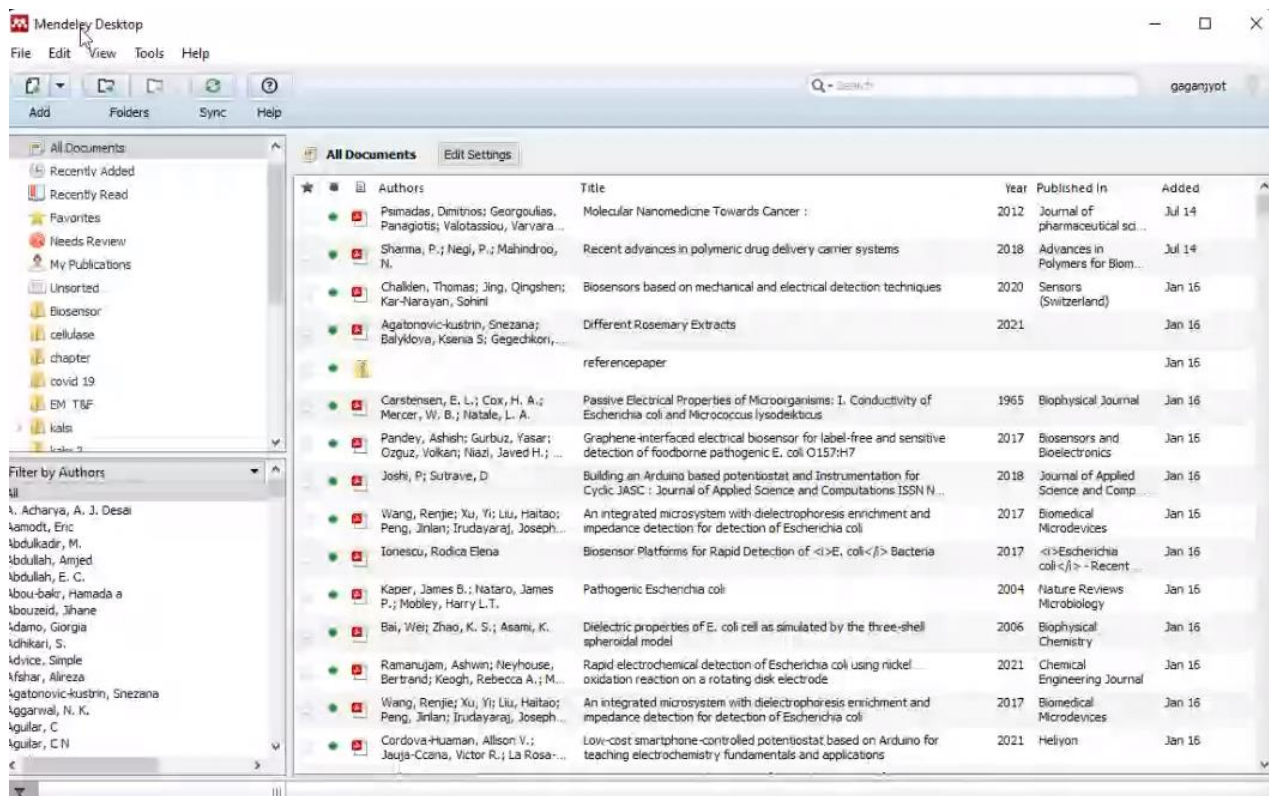
- From the US National Academies
- Largely for graduate students
- Available at http://www.nap.edu/catalog.php?record_id=12192
- Video also posted

Other Resources

- CSE's *White Paper on Promoting Integrity in Scientific Journal Publications*, 2009 update
 - From the Council of Science Editors
 - Posted at <http://www.councilscienceeditors.org/i4a/pages/index.cfm?pageid=3331>
- *How to Write and Publish a Scientific Paper*, 7th edition, by Robert A. Day and Barbara Gastel

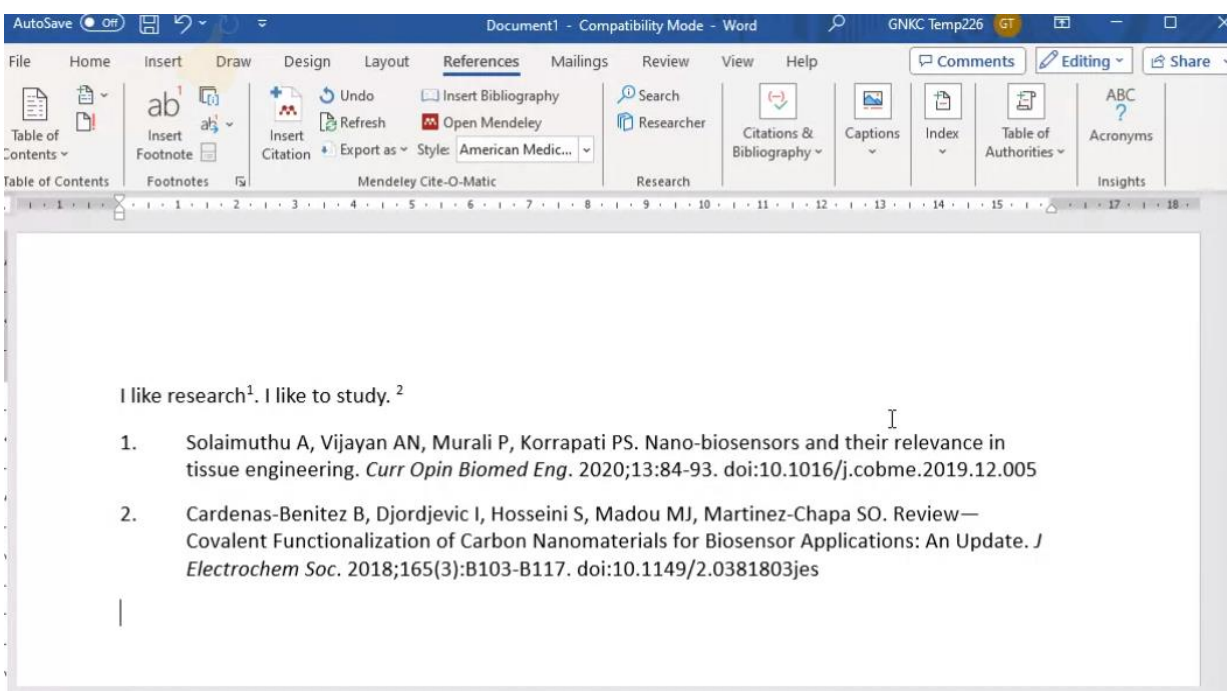


AuthorAID (www.authoraid.info)



SOFTWARE – MENDELEY DESKTOP

- Stores journals, publications and papers → stores author – wise
- Similar to marking / creating notes / highlighting in pdf
- Reference manager – Go to word doc → ‘REFERENCES’ tab → ‘Open Mendeley’ → ‘Insert Citation’ (for citing the content) → ‘Insert Bibliography’ (to list all the references)



PAPER PATTERN

PAPER NAME & CODE: - Research Methodology Paper	
Duration: 2 Hrs.]	[Total Marks:50]
Instructions-	
1.All questions are compulsory.	
2.Figures to the right indicate full marks.	
Q.1 Answer the following	15
a. (7 Marks)	
OR	
b. (7 Marks)	
c. (8 Marks)	
OR	
d. (8 Marks)	
Q.2 Answer the following	15
a. (7 Marks)	
OR	
b. (7 Marks)	
c. (8 Marks)	
OR	
d. (8 Marks)	
Q.3 Answer the following (Any 2)	20
a.	
b.	
c.	
d.	

Q3 is from a. to e.

Q3 – 5M each – attempt any 4

NO BIOSTATISTICS for 18th December

UNIT 1 AND 2 ONLY FOR PAPER ON 18th December

DIFFERENT PAPER FOR UNIT 3 AND 4 – BIOSTATS (25M) – INTERNAL DEPARTMENTAL LEVEL – TO BE CONFIRMED BY TEACHERS