



Conducting, Writing & Publishing a Medical Study

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Clinical Pharmacy Department

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Main presentation sessions

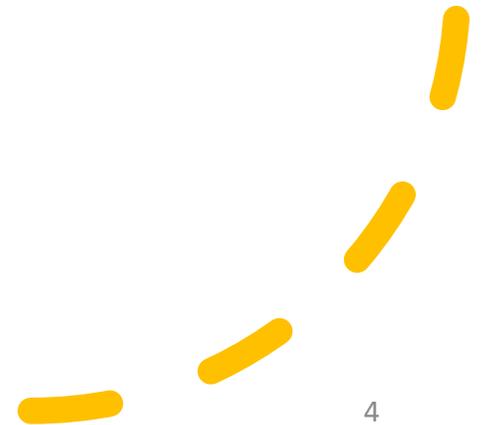
1. Research objectives
2. Conducting literature review
3. Choosing study design(s)
4. Research methods/data collection/statistical analyses
5. Demonstrates results and discussion
6. Ethics of medical research (Helsinki Declaration, Avoid Plagiarism)
7. Referencing/in-text citation (Reference Manager)
8. Publishing a medical manuscript –Avoid Predator journals, writing cover letter, answering reviewer comments, reviewing pre-proof draft.
9. Summary of the presentation

Scientific Research Steps

1	• Research question / Problem	<i>What are you interested in?</i> <i>What do you have to know about it?</i>
2	• Background / Observation	Make observations & gather background information about the problem
3	• Formulate hypothesis	<i>An educated guess ...</i> It shall be possible to measure / test it. It should help answer the original question
4	• Design experiment	How will you test your hypothesis? What tests will answer your question?
5	• Test hypothesis / Collect data	Test your hypothesis by executing your experiments. Collect data from them
6	• Interpret / Analyze results	What do your results tell you? Do they prove or disprove the hypothesis. It is OK to be wrong
7	• Publish findings	Write papers for conferences & journals. Write thesis

Section-1

Study Goals/ Objectives



Implications/ Significance of your study

What new knowledge will the proposed project produce that we do not already know?

Why is it worth knowing, what are the major implications?

Are you going to help saving patient lives? Improve their quality of life? Developing new drug formulation?

Title page

Contains short, descriptive title of the proposed thesis project (should be fairly self-explanatory),

and author names, degrees, institution, department, research mentor (for theses)

Corresponding author contact information (for manuscript)

[Source: http://ir.uiowa.edu/pharmacy_etd/](http://ir.uiowa.edu/pharmacy_etd/)

Introduction

This section sets the context for your proposed project and must capture the reader's interest.

Explain the background of your study starting from a broad picture narrowing in on your research question

Review what is known about your research topic as far as it is relevant to your thesis

Cite relevant references

The introduction should be at a level that makes it easy to understand for readers with a general science background (researchers in your fields/ healthcare providers).

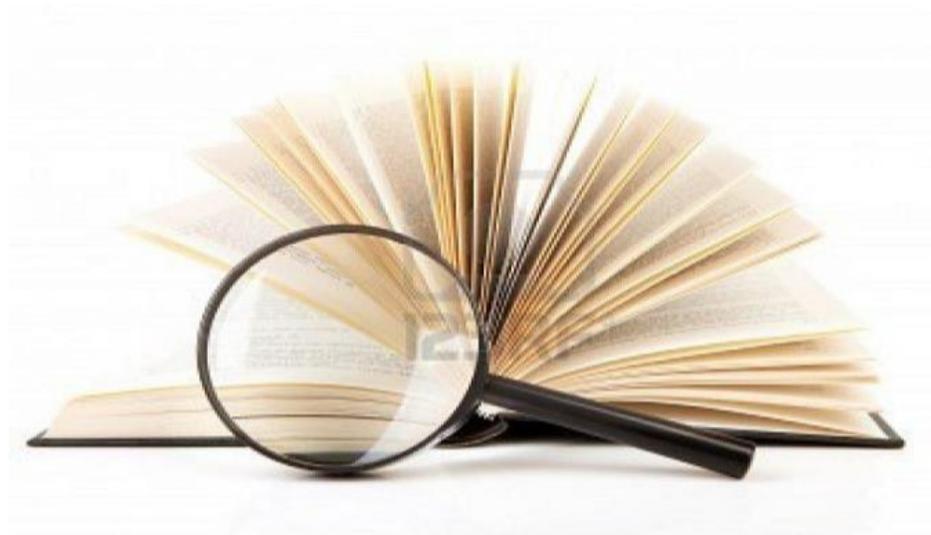
Section -2

Conducting Literature review



What is a “Literature Review”?

- A literature review is a search and evaluation of the available literature in your given subject or chosen topic area.
- The literature review includes:
- Scientific peer-reviewed articles,
- Conference proceedings,
- Books,
- Medical journals,
- Governmental publications,
- Dissertations and other sources [...]



Literature Review

Advantages of Literature Review

Assessment of the current state of research on a topic.

Identify new ways to interpret and detect any gaps in previous research.

Identify key questions about a topic that need further research.

Determination of methodologies used in past studies of the same or similar topics.

Identify areas of prior research to prevent duplication of effort.

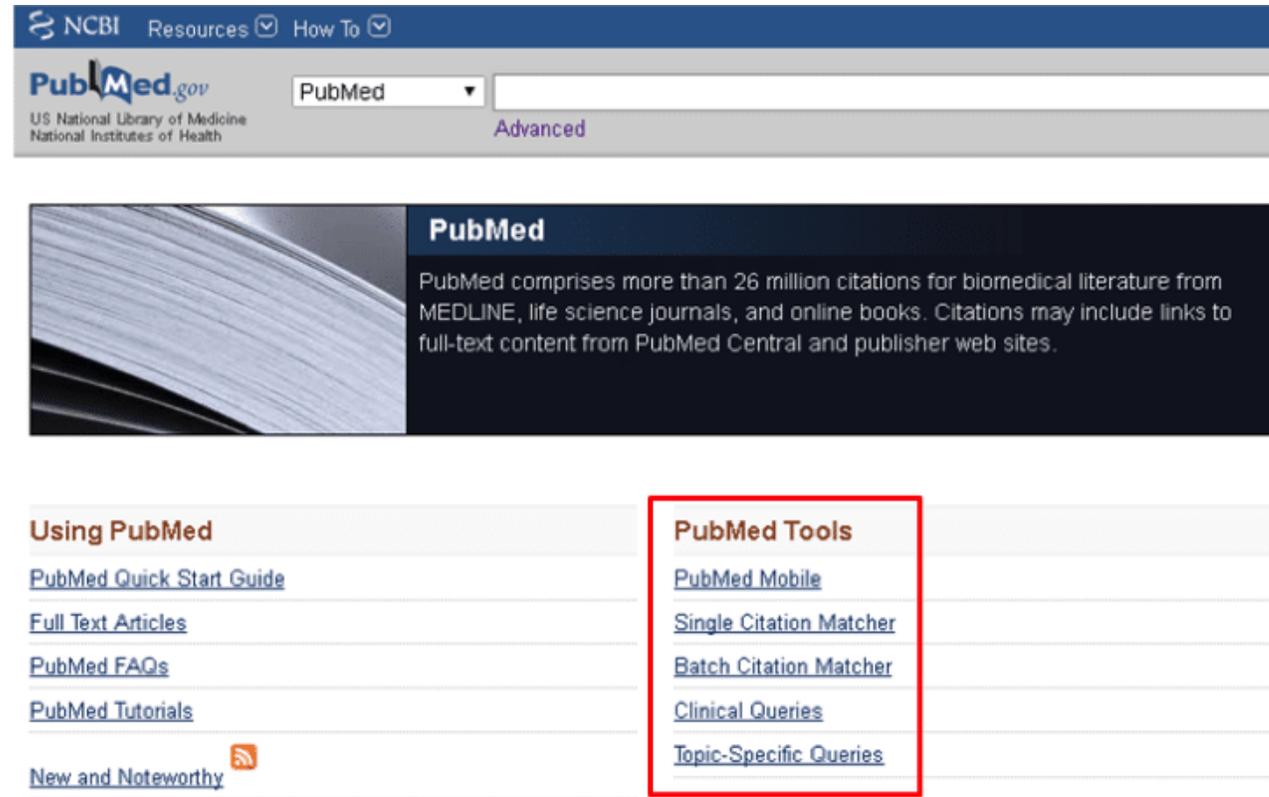
Source: Thomas G Carpenter Library, University of North Florida
(<https://libguides.unf.edu/c.php?g=177129&p=1163732>)

Health Science Search Engines

- PubMed
- CINHAL (EBSCOhost)
- Google scholar
- ResearchGate

Conducting a Literature Review

Pubmed (biomedical journals-search engine): We need to find our related topic keywords to conduct the search



The screenshot shows the PubMed website interface. At the top, there is a navigation bar with "NCBI Resources" and "How To" links. Below this is the PubMed logo and the text "US National Library of Medicine National Institutes of Health". A search bar is present with a dropdown menu set to "PubMed" and a search button labeled "Advanced".

Below the search bar is a section titled "PubMed" with a description: "PubMed comprises more than 26 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites."

At the bottom, there are two columns of links. The left column is titled "Using PubMed" and includes links for "PubMed Quick Start Guide", "Full Text Articles", "PubMed FAQs", "PubMed Tutorials", and "New and Noteworthy" (with an RSS icon). The right column is titled "PubMed Tools" and includes links for "PubMed Mobile", "Single Citation Matcher", "Batch Citation Matcher", "Clinical Queries", and "Topic-Specific Queries". The "PubMed Tools" column is highlighted with a red border.

Google Scholar (broad search)



Articles (include patents) Case law



Searching: **CINAHL Plus** | [Choose Databases](#)

Suggest Subject Terms

Select a Field (optional) ▾

Search

AND ▾

Select a Field (optional) ▾

Clear [?](#)

AND ▾

Select a Field (optional) ▾



[Basic Search](#) [Advanced Search](#) [Search History](#)

CINHAL
(EBSCOhost)

Search Options

Search Modes and Expanders

Search modes [?](#)

- Boolean/Phrase
- Find all my search terms
- Find any of my search terms
- SmartText Searching [Hint](#)

Apply related words

Also search within the full text of the articles

Apply equivalent subjects

Limit your results

Published Date

Month ▾ Year: — Month ▾ Year:

Research Article

Publication Year

ResearchGate (Free full text articles)

://www.researchgate.net/profile/Ali_Azeez_Al-Jumaili

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18 1



Ali Azeez Al-Jumaili
19.03 · BS Pharm, MS , PhD in Pharmacy, MPH · [Edit](#)

[Add new research](#) +

Overview **Research** Experience **New** Stats Scores Research you follow

About me [Edit](#)

Introduction
Received a PhD degree in Pharmaceutical Socioeconomics from the University of Iowa College of Pharmacy, MPH degree from the UI College of Public Health, and Graduate Certificates in Biostatistics and College Teaching from the University of Iowa , USA; Bachelor in Pharmacy and Master in Clinical Pharmacy from University of Baghdad College of Pharmacy, Iraq. Lecturer (full-time instructor) at University of Baghdad College of Pharmacy and Adjunct Assistant Professor at the University of Iowa College of Pharmacy.

Languages
Arabic · English

Disciplines
Pharmacy Quantitative Social Research Socioeconomics

Skills and expertise (32)
Qualitative Analysis Research Methodology Data Analysis Statistical Analysis
Quantitative Analysis Quantitative Data Analysis Survey Methodology and Data Analysis

Current affiliation [Edit](#)

University of Iowa

Location
Iowa City, United States



Department
Department of Pharmacy Practice and Science

Position
Professor (Assistant)

Time period
Dec 2017 - Present

Role
Adjunct Assistant Professor

William richard Doucette's Lab

Lab head
 William richard Doucette

ClinicalTrials.gov is a database of privately and publicly funded clinical studies conducted around the world.

Explore 330,998 research studies in all 50 states and in 209 countries.

ClinicalTrials.gov is a resource provided by the U.S. National Library of Medicine.

IMPORTANT: Listing a study does not mean it has been evaluated by the U.S. Federal Government. Read our [disclaimer](#) for details.

Before participating in a study, talk to your health care provider and learn about the [risks and potential benefits](#).

Find a study (all fields optional)

Status ⓘ

- Recruiting and not yet recruiting studies
- All studies

Condition or disease ⓘ (For example: breast cancer)

Other terms ⓘ (For example: NCT number, drug name, investigator name)

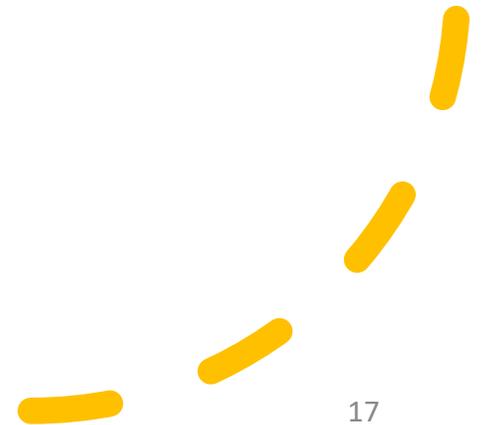
Country ⓘ

Search

[Advanced Search](#)

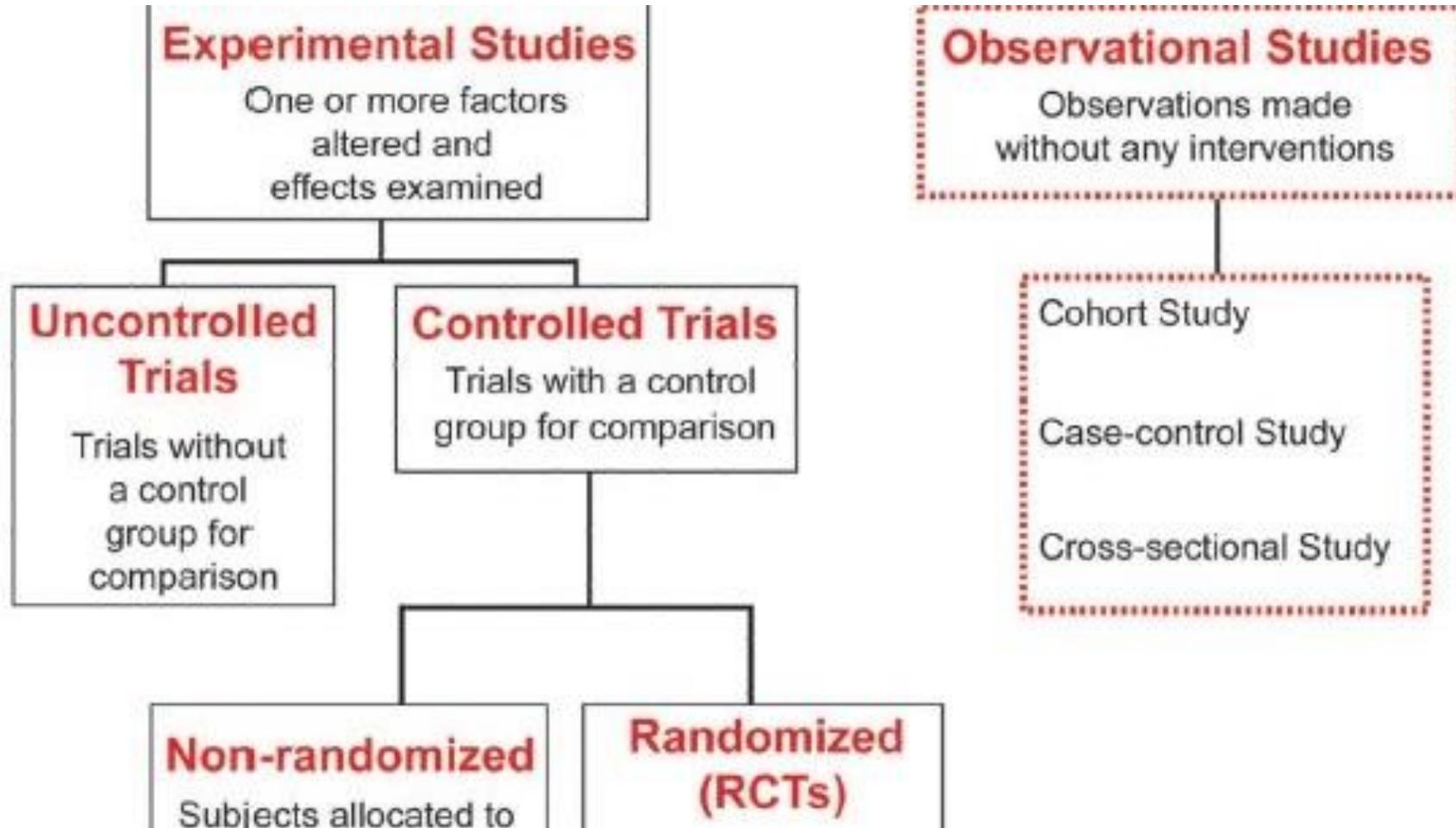
Section-3

Choosing Study Design



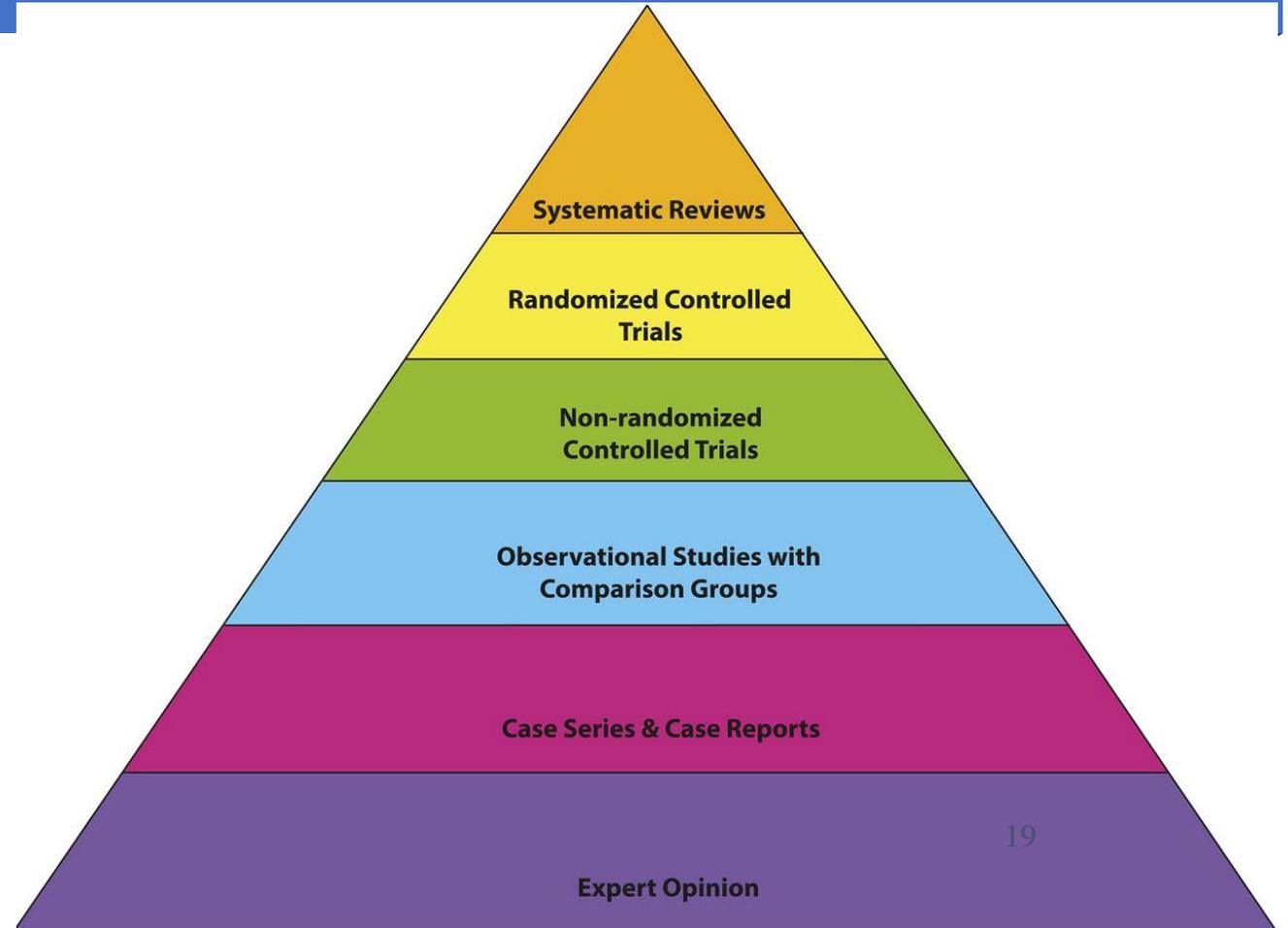
Study Designs

Experimental (Interventional) vs Non-Experimental (Observational)

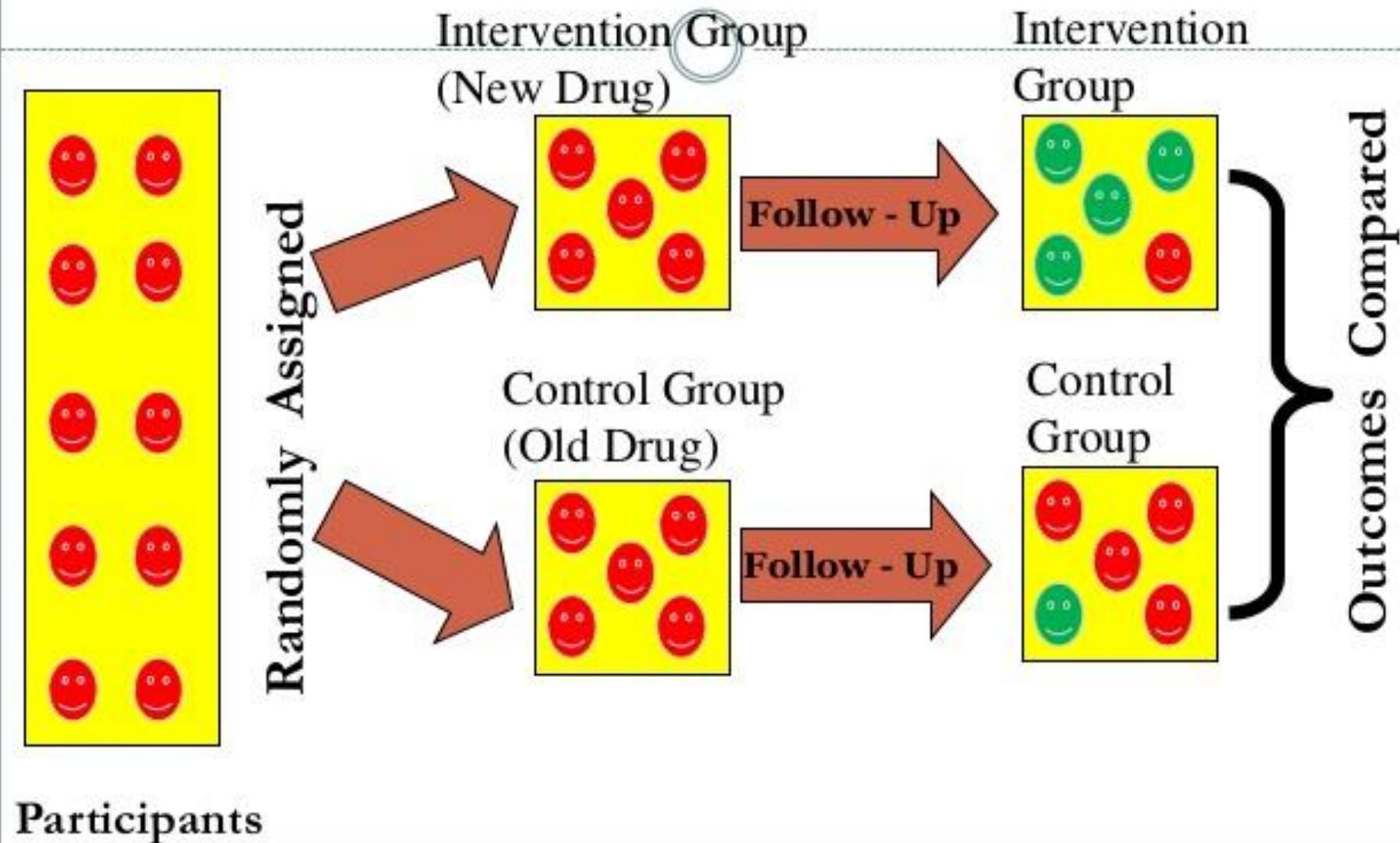


Categorizing Evidence by Quality of Its Source (in descending order of quality)

- Intervention (pre and after intervention) (also called experimental) Studies
- Cohort or Case-control Studies
- Case-series Studies



Randomized Clinical Trials



Section-4

Research
Methods

Data collection

Approach/Methods

This section contains an overall description of your approach, materials, and procedures

- What methods will be used?
- How will data be collected and analyzed?
- What materials/participants will be used/recruited?

Include calculations, technique, procedure, equipment, participants and calibration graphs

STROBE CHECK LIST FOR OBSRVATIONA STUDIES



	Item No	Recommendation
Title and abstract	+	1
		(a) Indicate the study's design with a commonly used term in the title or the abstract (b) Provide in the abstract an informative and balanced summary of what was done and what was found
Introduction		
Background/rationale	+	2
Objectives	+	3
Methods		
Study design	+	4
Setting	+	5
Participants		6
		(a) <i>Cohort study</i> —Give the eligibility criteria, and the sources and methods of selection of participants. Describe methods of follow-up <i>Case-control study</i> —Give the eligibility criteria, and the sources and methods of case ascertainment and control selection. Give the rationale for the choice of cases and controls
	+	<i>Cross-sectional study</i> —Give the eligibility criteria, and the sources and methods of selection of participants



CONSORT 2010 checklist of information to include when reporting a randomised trial*

Section/Topic	Item No	Checklist item	Reported on page No
Title and abstract			
	1a	Identification as a randomised trial in the title	_____
	1b	Structured summary of trial design, methods, results, and conclusions (for specific guidance see CONSORT for abstracts)	_____
Introduction			
Background and objectives	2a	Scientific background and explanation of rationale	_____
	2b	Specific objectives or hypotheses	_____
Methods			
Trial design	3a	Description of trial design (such as parallel, factorial) including allocation ratio	_____
	3b	Important changes to methods after trial commencement (such as eligibility criteria), with reasons	_____
Participants	4a	Eligibility criteria for participants	_____
	4b	Settings and locations where the data were collected	_____
Interventions	5	The interventions for each group with sufficient details to allow replication, including how and when they were <u>actually administered</u>	_____
Outcomes	6a	Completely defined pre-specified primary and secondary outcome measures, including how and when they were assessed	_____
	6b	Any changes to trial outcomes after the trial commenced, with reasons	_____
Sample size	7a	How sample size was determined	_____
	7b	When applicable, explanation of any interim analyses and stopping guidelines	_____
Randomisation:			
Sequence generation	8a	Method used to generate the random allocation sequence	_____
	8b	Type of randomisation; details of any restriction (such as blocking and block size)	_____
Allocation concealment mechanism	9	Mechanism used to implement the random allocation sequence (such as sequentially numbered containers), describing any steps taken to conceal the sequence until interventions were assigned	_____
Implementation	10	Who generated the random allocation sequence, who enrolled participants, and who assigned participants to interventions	_____
Blinding	11a	If done, who was blinded after assignment to interventions (for example, participants, care providers, those	_____

Creating a Research Plan

- The research asks you to manage your time and undertake a variety of tasks.

March -May	Write research proposal	Literature review	Complete literature review and conduct pilot study	Main data collection
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June-July	Complete data collection	Analyze data	Organize results in tables data	Write manuscript plan, then begin first draft
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August-September	Complete first draft	Discuss draft with co-authors/supervisor	Second draft	Proofing/checking	Final draft
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Where I conducted my PhD Research?



Pilot studies

Was it easier or harder than you thought it was going to be?

Did it take longer than you thought it was going to?

Did participants, chemicals, processes behave in the way you expected?

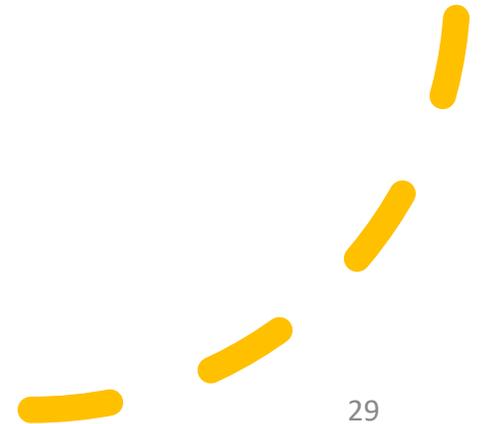
What impact did it have on you as a researcher?

Conducting statistical analyses

- Think about your statistical analysis, main outcome and independent measures/variables/factors before start your data collection.
- Enter your data into excel sheet
- Choose appropriate statistical analysis test (parametric vs non-parametric) relying on your variables (continues, scale, binary, categorical)
- **Choosing a wrong test leads to wrong findings**
- Train to use a statistical software (e.g. SPSS, Graph Prism)

Section 5

Results, discussion & conclusions

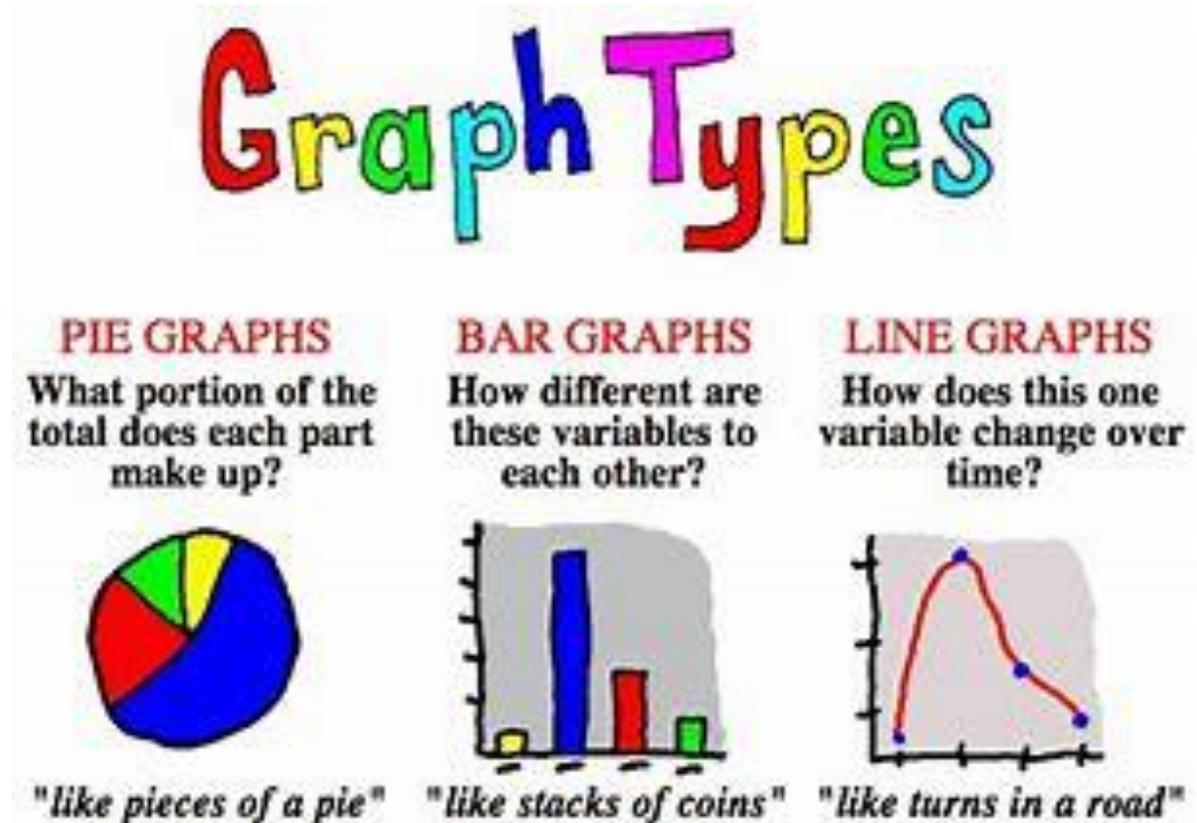


Results

- Present any results you already have obtained.
- Demonstrate your results as text, figures and tables

Variable	Cases (n)	(%)	Controls (n)	(%)
Age (years):				
< 40	19	59.4	25	56.8
40-65	13	40.6	19	43.2
Sex:				
male	6	18.8	21	47.7
female	26	81.2	23	52.3
Smoking status:				
current	6	18.8	11	25
former	6	18.8	4	9.1
never	20	62.4	29	65.9
Alcohol status:				
current	2	6.1	1	2.3
former	5	15.6	-	-
never	27	84.3	43	97.7
Histology:				
papillar	26	81.2	-	-
follicular	6	18.8	-	-

Source: Curr Med Res Opin © 2003 Librapharm Limited



Discussion



Discuss how they fit in the framework of your study.



Justify/explain your results



Compare your results with previous study findings



Cite some previous related studies

Conclusions



Last section of your manuscript



Summarize your findings (without detailed repetitions)



Answer your research question



Give take home message



You can provide practical recommendations

Abstract



Write abstract after finishing manuscript writing.



The abstract is a brief summary of your research.



Its length should be between 200 and 300 words
(depend on the journal)



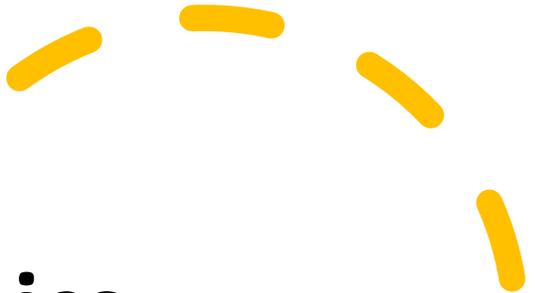
Structured abstract includes: Objectives, methods,
results, conclusions



May include a practical implications



Section 6



Medical Study Ethics

Basic ethical principles that must be followed in medical research

The Belmont Report identified basic ethical principles that should be followed

- Respect for persons (autonomy) (participation should be voluntary)
- Beneficence
- Avoid patient harm
- Justice
- Privacy and confidentiality
- Honest reporting of research results (veracity)
- Avoid plagiarism in writing

History of Declaration of Helsinki

Nexus Oncology

- Adopted in June 1964
- Has undergone 6 revisions
- 2 clarifications
- First significant effort by medical community to regulate research
- Prior to Nuremberg Code only specific countries had national policies (Germany for example)
- Forms basis of most subsequent documents



Gift/ghost authorship

Gift authorship

Making someone an author when they do not deserve it (friends, colleagues, etc.)

- Try to make paper more prestigious by adding a 'big name'
- Adding the department head to every paper from their department
- Thanking someone for a contributed material

Ghost authorship

Not making someone an author when they do deserve it

- Hide conflict of interest (e.g., company employee)
- If someone did not conduct the study, but wrote the paper (e.g., 'ghost writer')

Inappropriate academic behaviors

How to avoid plagiarism?

- If we need to quote an author, we need to rely on and cite the original paper.
- In the introduction section, authors borrow data from other research papers.
- Paraphrasing is a restatement of the author's original thought and meaning.
- Summarization is the condensing of a passage or thought into a much smaller package.

Picture source: <http://uj.ac.za.libguides.com/c.php?g=581225&p=4012227>

KEYS TO PREVENTING PLAGIARISM

Here's what to do when you want to include someone else's information in your writing:

- 1. Quote it.** Copy the exact wording and place the information inside quotation marks.
- 2. Summarize it.** Put the main ideas into your own words.
- 3. Paraphrase it.** Use your own words to restate the information.

When you do ANY of these, you must cite your sources!

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General Writing ▶

Non-Purdue College Level Instructors and Students

For access to all OWL resources, [click here](#). Please click on the links below to access resources for non-Purdue college level instructors and students:

Process

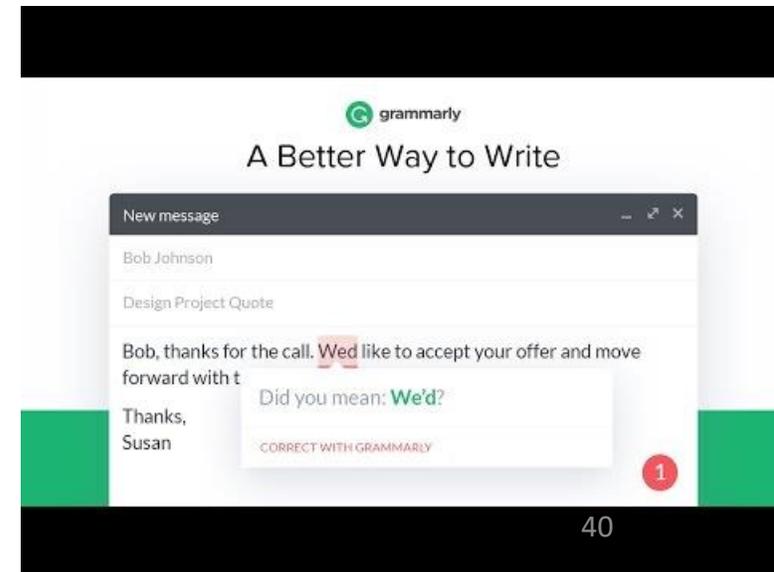
Starting the Writing Process - This resource contains tips for instructors and student on beginning writing.

Prewriting - This section explains the prewriting (invention) stage of the composing process. It includes processes, strategies, and questions to help you begin to write.

Writer's Block / Writer's Anxiety - This resource contains help for overcoming writer's block and a

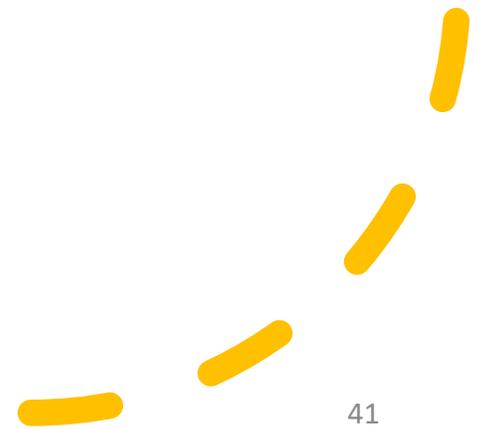
Writing Tips

- Poor grammar and spelling distract from the content of the manuscript.
- The reader focuses on the grammar and spelling problems and misses keys points made in the text.
- Modern word processing programs have grammar and spell checkers. Use them.
- Example: Grammarly
- <https://www.youtube.com/watch?v=0Tp6J8yaTmo>



Section 7

In-text citation/ bibliography (References)



In-text citation

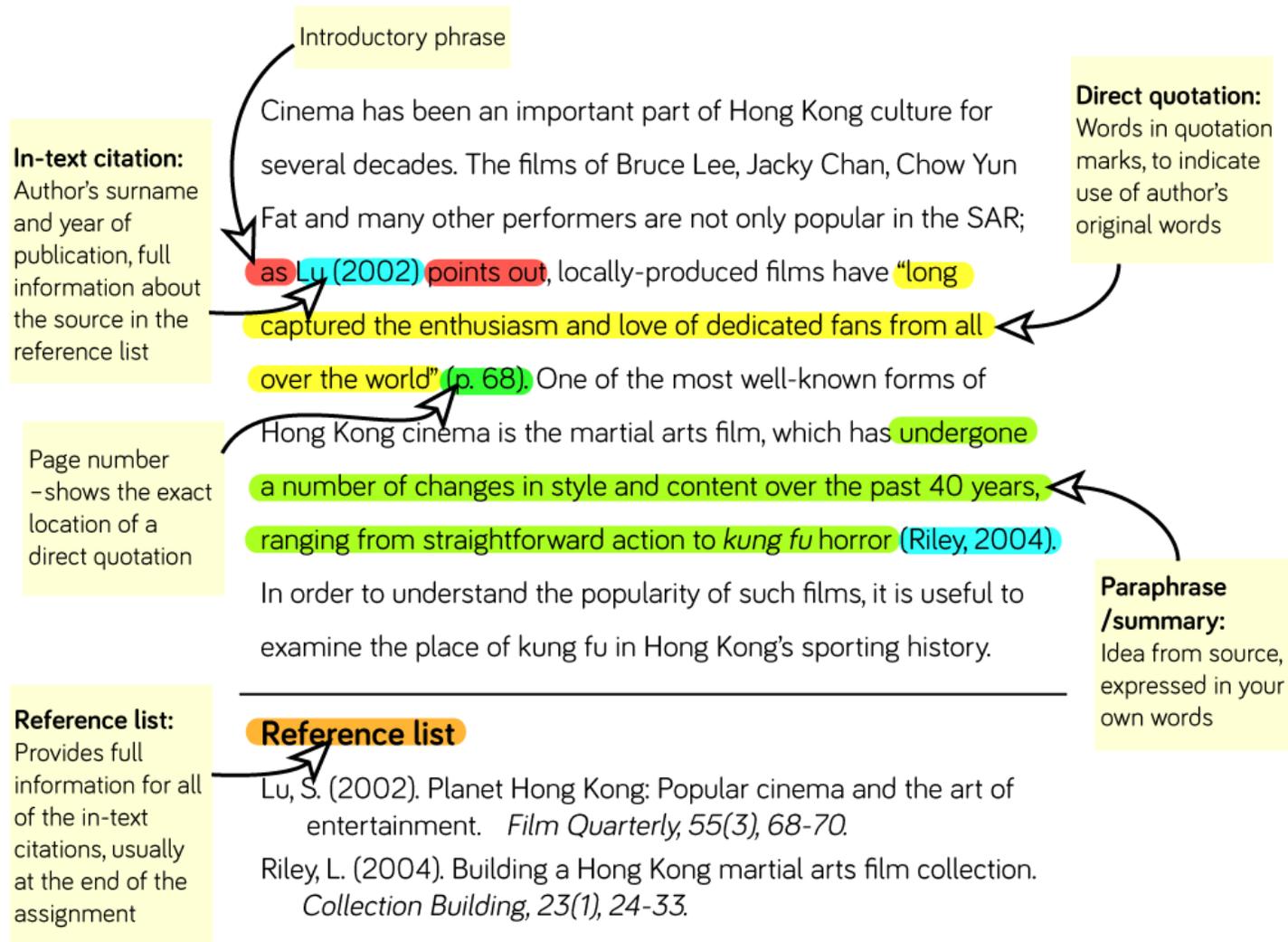
performance on tasks utilizing low-dimensional stimuli as these rely on more online support from language.

An earlier study (Lupyan, 2009), using verbal interference in normal populations, yielded very similar patterns of selective effects. Verbal interference disrupted categorization that was based on the ability to isolate perceptual dimensions readily amenable to verbalization, such as color, but not categorization that required knowledge of thematic relationships between objects (e.g., *potato* is the odd one out in the triad *potato*, *balloon*, and *cake* because the latter two are linked by the

In-text citation

The findings reviewed above, taken in conjunction with the current results, suggest more generally that when participants are used to relying on prior linguistic knowledge to make classification decisions, such as encoding features of stimuli like colors and, in this case, the aspectual proper-

Types of citations



Citations of different sources

<p>ARTICLE IN A JOURNAL</p> <p><i>*journal titles often abbreviated</i></p>	<p><i>Author(s)</i> <i>Article Title</i> <i>Volume/Issue</i> <i>Page no.(s)</i></p> <p>Weaire, D. 2013. A fresh start for foam physics. <i>Science</i>. 340(6133). 693-694.</p> <p><i>Date</i> <i>Journal title*</i></p>
<p>BOOK</p>	<p><i>Author(s)</i> <i>Book Title</i> <i>Publisher Info</i></p> <p>Van Emden, R. 2012. <i>Boys Soldiers of the Great War</i>. Bloomsbury Publishing, London.</p> <p><i>Date</i></p>
<p>CHAPTER or ARTICLE IN A BOOK</p> <p><i>hint: look for the word</i></p>	<p><i>Author(s)</i> <i>Date</i> <i>Article/Chapter Title</i> <i>Book Title</i></p> <p>Buskirk, J. W. & Uetz, G.W. 1982. Sociality in the Arachnida. In: <i>Social Insects</i> (H. R. Hermann, ed), pp. 281-367. Academic Press, London.</p> <p><i>Book author(s)</i> <i>Page no.(s)</i> <i>Publisher Info</i></p>

Popular Citation Styles

And Who Uses Them!



MLA

English
Literature
Foreign Language
Communications
Religious Studies



APA

Psychology
Education
Business/Economics
Nursing
Linguistic Studies



Chicago

History
Art History
Fine Arts
Anthropology
Philosophy



IEEE

Engineering
Computer Science
Information Science



CSE

Biology
Physics
Chemistry
Geology

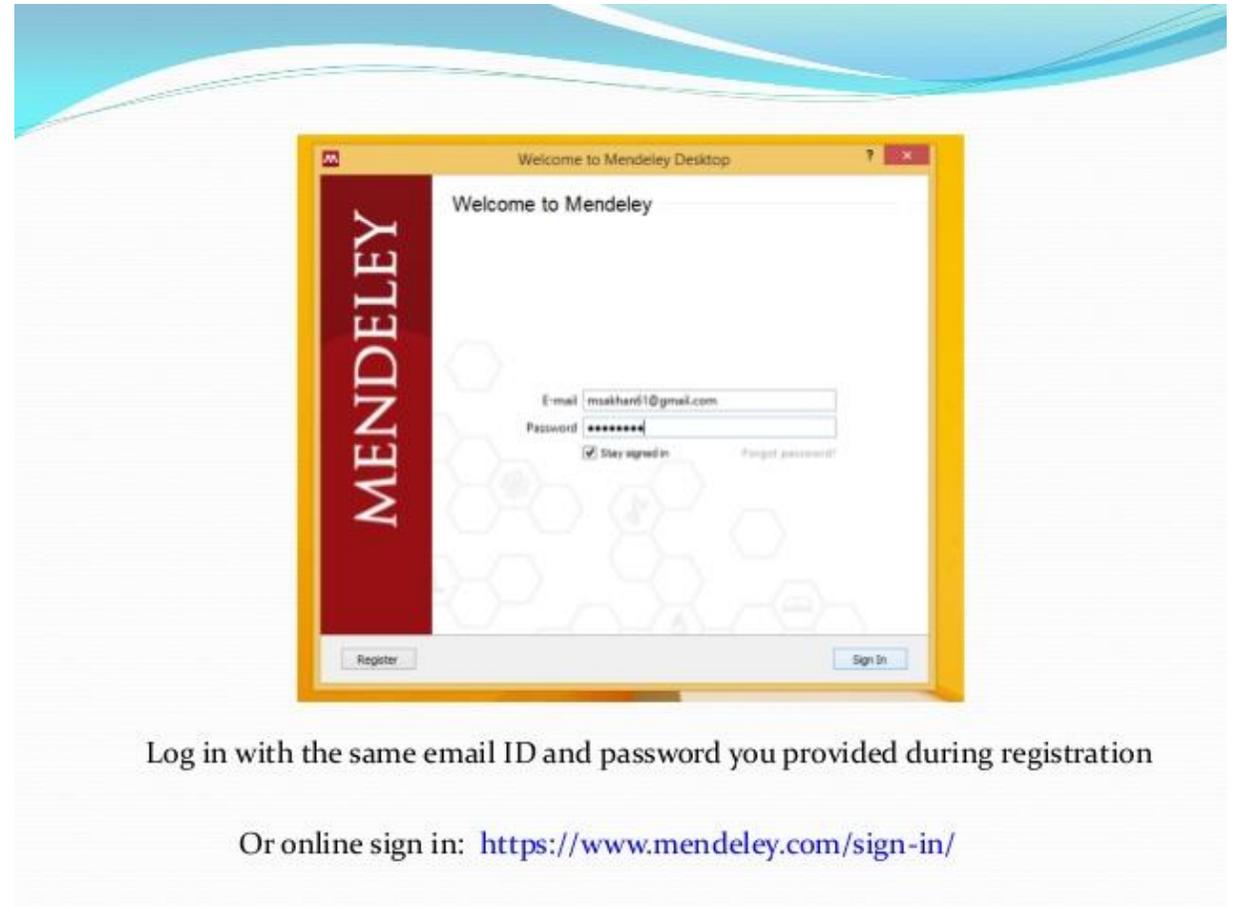
Always check with your instructor about what style to use!

Reference Management Software

EndNote is the industry standard software tool for publishing and managing bibliographies, citations and references on the Windows and Macintosh desktop.

<https://www.youtube.com/watch?v=S3xo6ZjBV6U>

Thomson Reuters
EndNote®
Advance your Research and Publish Instantly

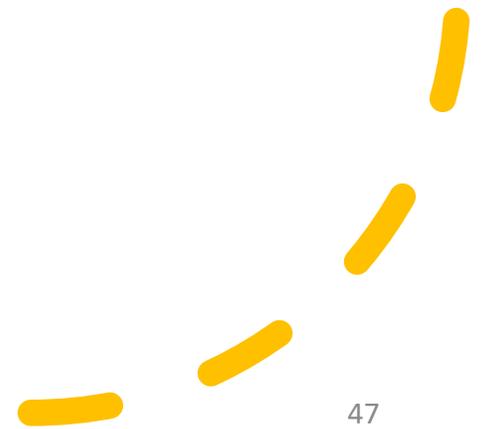


Log in with the same email ID and password you provided during registration

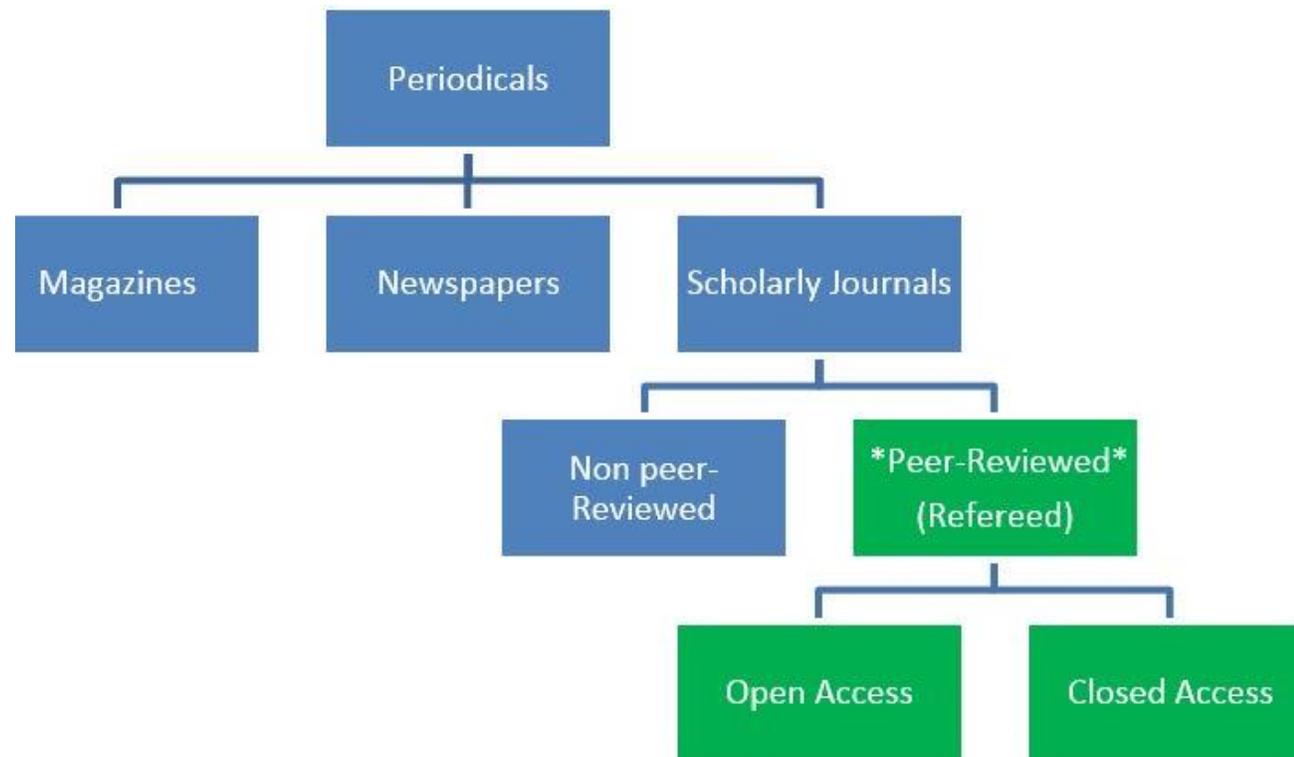
Or online sign in: <https://www.mendeley.com/sign-in/>

Section 7

Publishing a medical manuscript



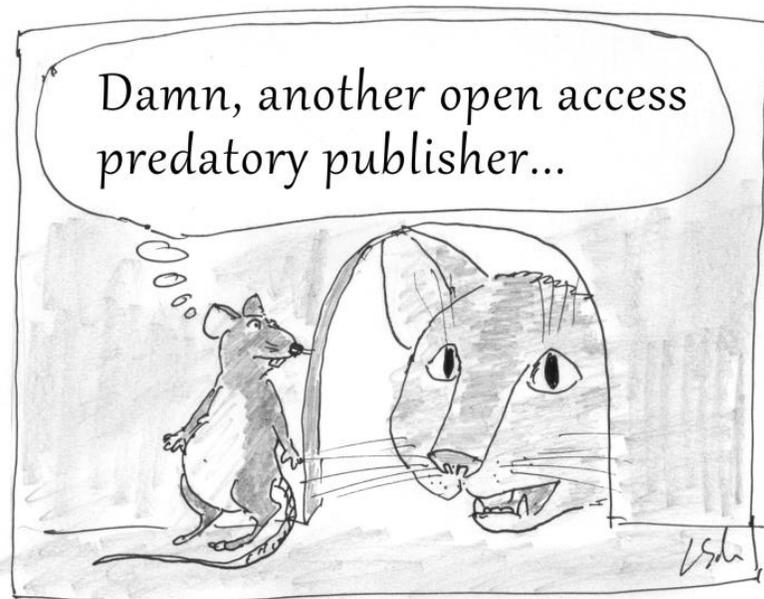
Types of publications



- **Avoid predatory Journals**

Why are they called predatory journals?

- **“Pay fees and Publish anything You want”**
- Basically because they predate researchers and publish low-quality manuscripts quickly just to make financial profit.
- Entities that prioritize self-interest at the expense of scholarship



Suspected Journal Adds

IF YOUR RESEARCH WORK WAS COMPLETED AND WANT TO PUBLISH YOUR
RESEARCH ARTICLE IN A TRUSTED JOURNAL, THEN

DON'T WORRY !!! WE CARE FOR YOUR PAPER

**SHARE YOUR SUCCESS STORY TO THE WORLD COMMUNITY
BY THE HELP OF THIS INTERNATIONAL JOURNAL AND GET A
HIGH IMPACT VALUE OF YOUR PAPER**

GOOD NEWS FOR AUTHORS

Submit Two articles in single article price

USE PROMO CODE : **2IN1** ON SUBJECT LINE OF YOUR EMAIL

ENJOY UPTO

50% OFF

ON PUBLICATION CHARGE (ONLINE ONLY)



Risk of Predatory Journals?

- Predatory journals are a global threat.
- They accept articles for publication — along with authors' fees (Range \$100-900) —
- without performing promised quality checks for issues such as
- Plagiarism or
- Ethical approval.
- Rare to be cited

List of Predatory Journals

Stop Predatory Journals

[About](#) [Contribute](#) [Hijacked](#) [Journals](#) [Me](#)

List of Predatory Journals

This is a list of possibly [predatory journals](#). The kernel for this list was extracted from the Beall's list at web.archive.org. It will be updated as new information or suggested edits found by the maintainers of this site.

This list is only for individual journals. See the other list for [publishers](#) potentially engaging in predatory practices.

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#)

A

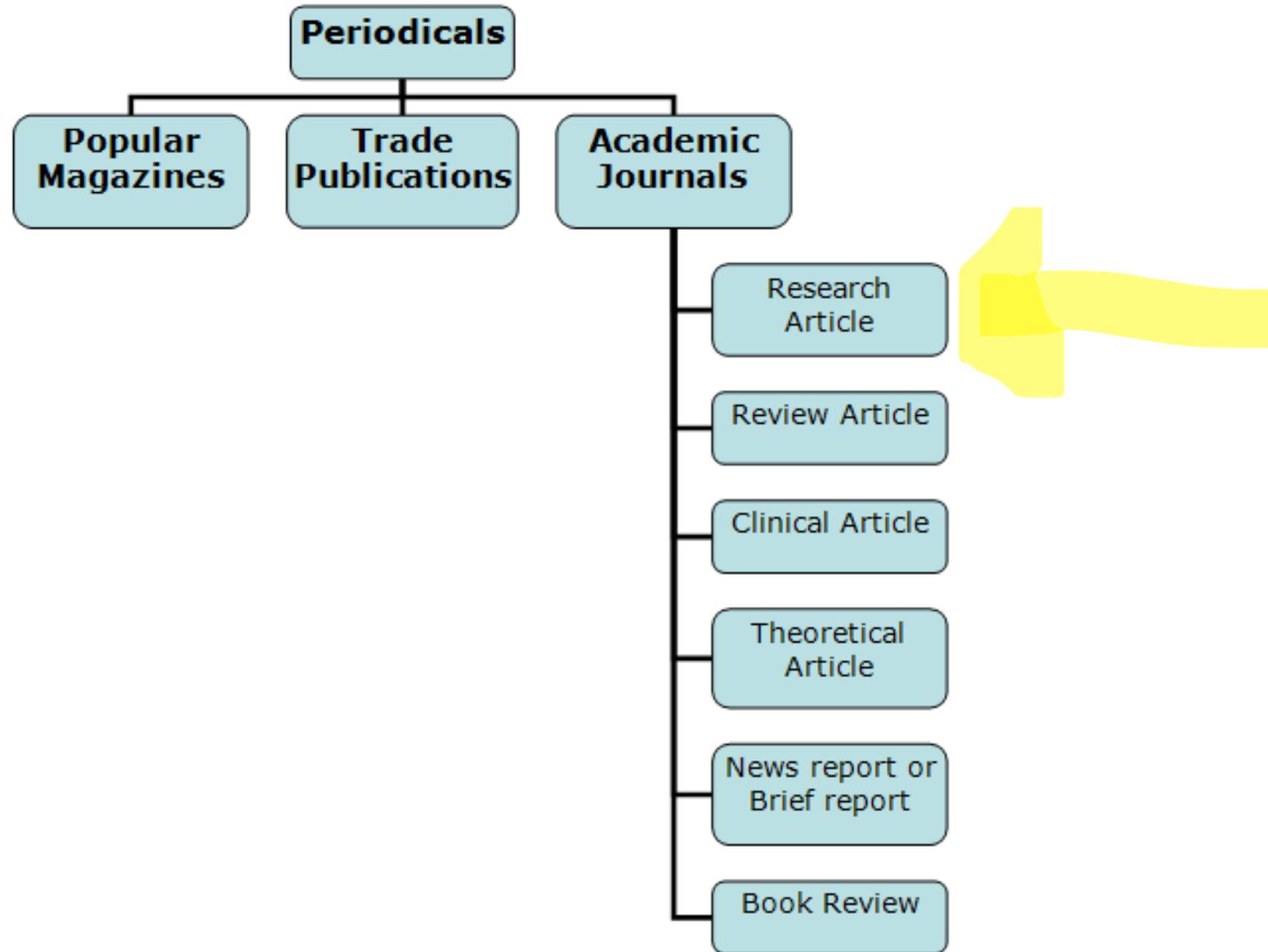
- [Academic Exchange Quarterly](#)
- [Academic Research Reviews](#)
- [Academy of Contemporary Research Journal \(AOCRJ\)](#)

- [International Journal of Advancements in Research & Technology \(IJOART\)](#)
- [International Journal of Advances in Applied Mathematics and Mechanics \(IJAAMM\)](#)
- [International Journal of Advances in Engineering \(IJAE\)](#)
- [International Journal of Advances in Engineering & Technology \(IJAET\)](#)
- [International Journal of Advances in Interdisciplinary Research \(IJAIDR\)](#)
- [International Journal of Advances in Management and Economics \(IJAME\)](#)
- [International Journal of Advances in Management, Economics and Entrepreneurship \(IJAMEE\)](#)
- [International Journal of Advances in Mathematics](#)
- [International Journal of Advances in Pharmaceutical Research](#)
- [International Journal of Advances in Power Systems \(IJAPS\)](#)
- [International Journal of Advances in Social Science and Humanities \(IJASSH\)](#)
- [International Journal of Advent Research in Computer and Electronics \(IJARCE\)](#)
- [International Journal of Aerospace and Medical Engineering](#)
- [International Journal of Agriculture and Crop Sciences \(IJACS\)](#)
- [International Journal of Agriculture and Environmental Research \(IJAER\)](#)
- [International Journal of Agriculture Innovations and Research \(IJAIR\)](#)
- [International Journal of Agricultural, Forestry & Plantation \(IJAFP\)](#)
- [International Journal of Agricultural Sciences and Veterinary Medicine \(IJASVM\)](#)
- [International Journal of Agronomy & Plant Production](#)
- [International Journal of All Research Education & Scientific Methods \(IJARESM\)](#)
- [International Journal of Application or Innovation in Engineering & Management \(IJAIEM\)](#)
- [International Journal of Applied and Pure Science and Agriculture \(IJAPSA\)](#)

List of Predatory Journals

- Asian Pacific Journal of Natural Products (APJNP)
- Asian Pacific Journal of Pharmacy and Phytochemistry (APJPP)
- Asia-Pacific Journal of Research
- Asian Journal of Applied Science and Engineering
- Asian Journal of Biomedical and Pharmaceutical Sciences
- Asian Journal of Chemistry
- Asian Journal of Health and Medical Sciences
- Asian Journal of Humanities and Social Sciences
- Asian Journal of Business and Management Sciences (AJBMS)
- Asian Journal of Mathematics and Applications
- Asian Journal of Multidisciplinary Studies
- Asian Journal of Pharmaceutical and Health Sciences
- Asian Journal of Pharmacy and Life Science
- Asian Journal of Pharmaceutical Research and Health Care (AJPRHC)
- Asian Journal of Science and Technology (Science and Technology Asian Journal)
- Asian Pacific Journal of Health Sciences (APJHS)
- Asian Pacific Journal of Tropical Disease
- Asian Research Journal of Business Management (ARJBM)
- Australasian Journal of Herpetology
- Australasian Medical Journal (AMJ)
- Australian Journal of Basic and Applied Sciences
- Australian Journal of Business and Management Research (AJBMR)
- Indian Journal of Advances in Chemical Science (IJACS)
- Indian Journal of Applied-Basic Medical Sciences
- Indian Journal of Applied Research
- Indian Journal of Drugs
- Indian Journal of Medical Research and Pharmaceutical Sciences (IJMRPS)
- Indian Journal of Natural Sciences (IJONS)
- Indian Journal of Pharmaceutical and Biological Research (IJPBR)
- Indian Journal of Pharmaceutical Science & Research (IJPSR)
- Indian Journal of Research Anvikshiki
- Indian Journal of Research in Pharmacy and Biotechnology (IJRPB)
- Indian Journal of Scientific Research (IJSR)
- Indian Journal of Scientific Research and Technology (INDJSRT)
- Indian Research Journal of Pharmacy and Science
- Indian Scholar
- Indian Streams Research Journal
- Indo American Journal of Pharmaceutical Research
- Indo American Journal of Pharmaceutical Sciences (IAJPS)
- Indo-Global Journal of Pharmaceutical Sciences
- Industrial Science Journal
- INFORMATION An International Interdisciplinary Journal
- Innovations in Pharmaceuticals and Pharmacotherapy (IPP)
- Institute of Electrical & Electronics Engineers Advanced Journal (IEEEAJ)
- International Journal of Basic & Applied Science (IJBAS)

Types of publications



Steps of publishing a manuscript

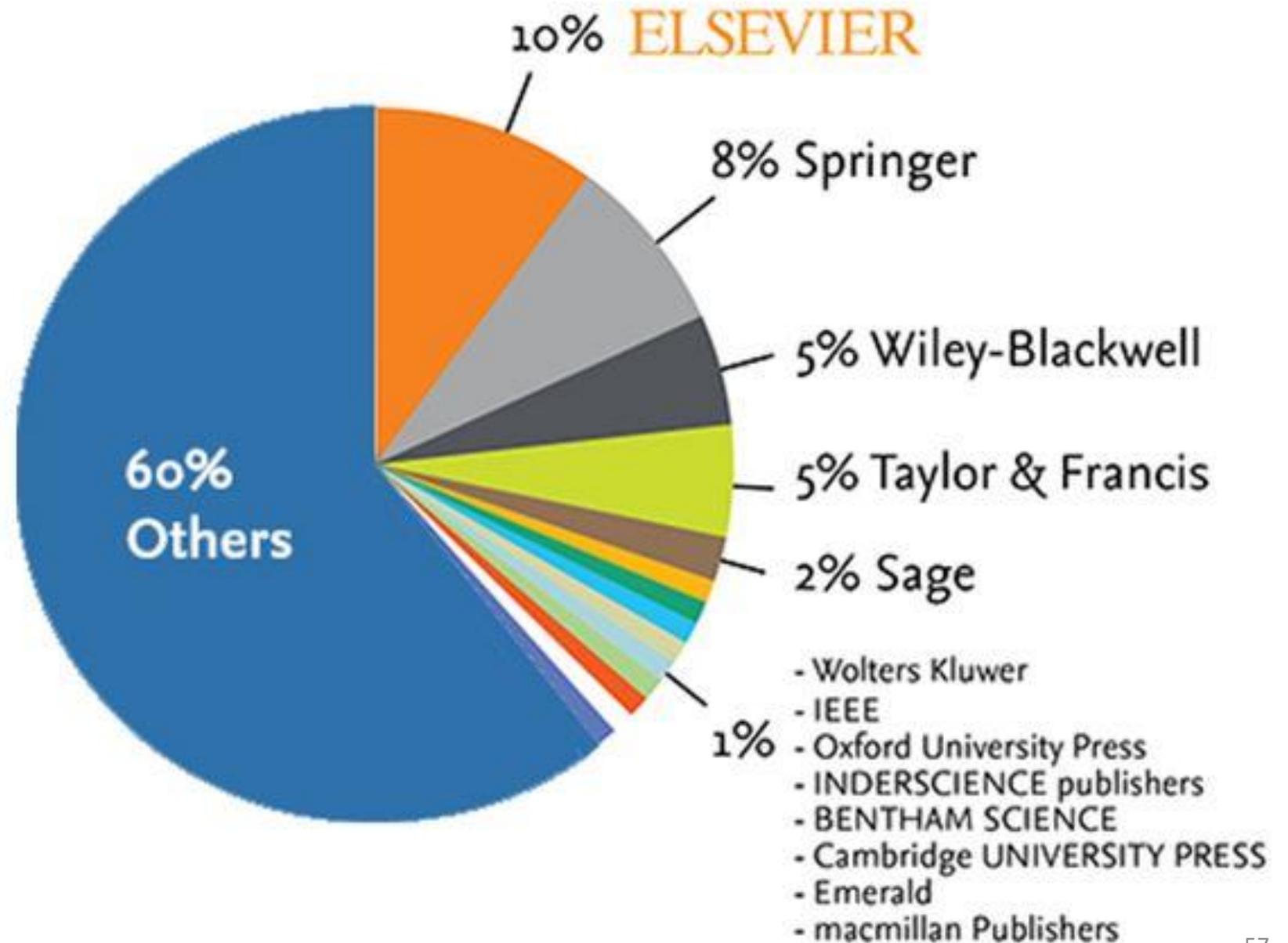
1. Search for an appropriate journal (not a predatory) and your field (in the study scope).
2. Prepare your manuscript by following journal author instructions and style), write a specific/customize cover letter, and suggest reviewers.
3. Prepare Ethical Approval letter
4. Writing cover letter & find suggested reviewers

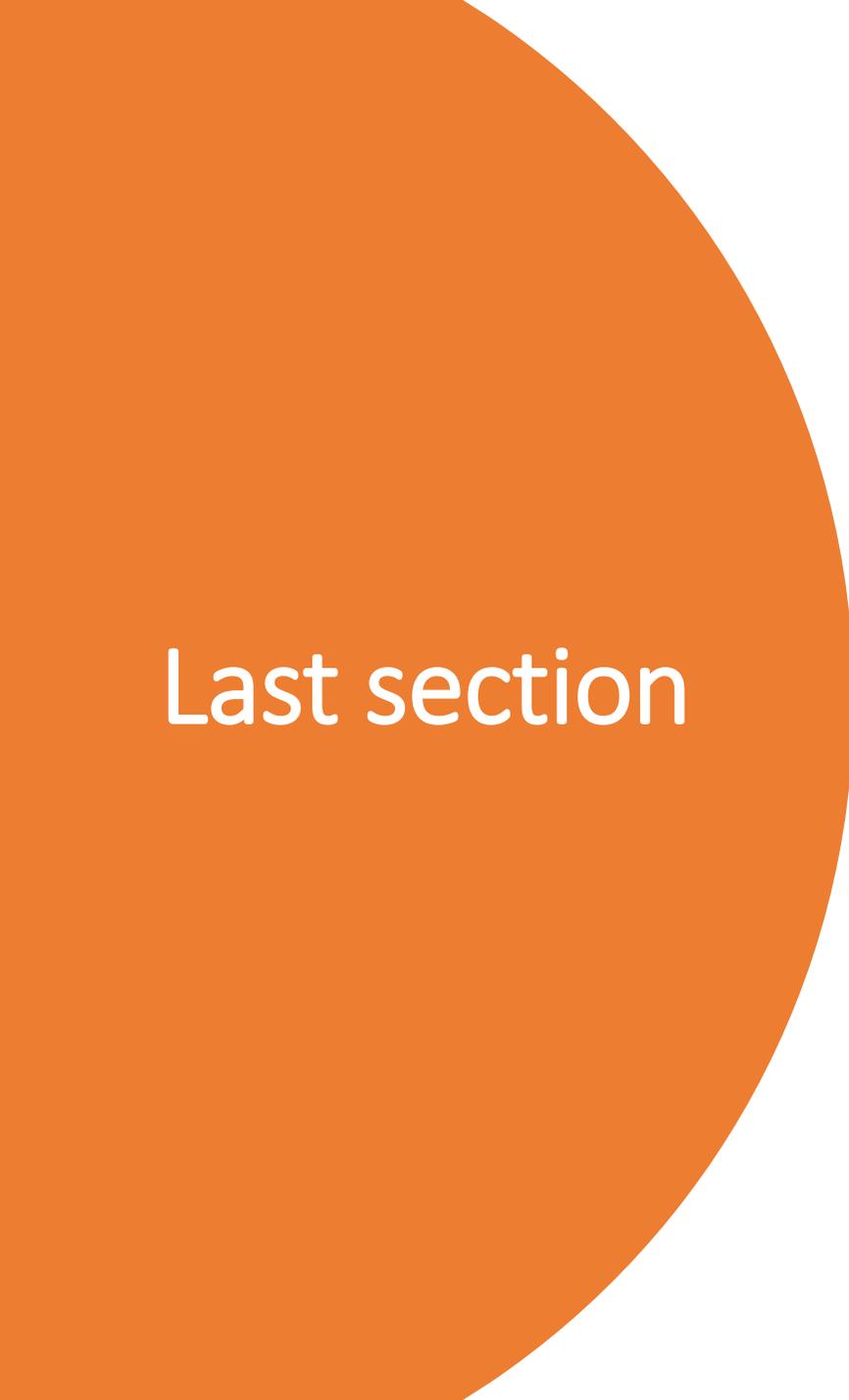
Steps of publishing a manuscript

5. Submit the manuscript to the journal and follow-up with the journal about the status of your manuscript
6. Do reviewer revisions as required/requested then resubmit it to the journal.
7. You may need to resubmit your manuscript to another journal when it is rejected by the first journal.
8. Your manuscript gets published -----
Disseminate your study article

Well
known
publishers

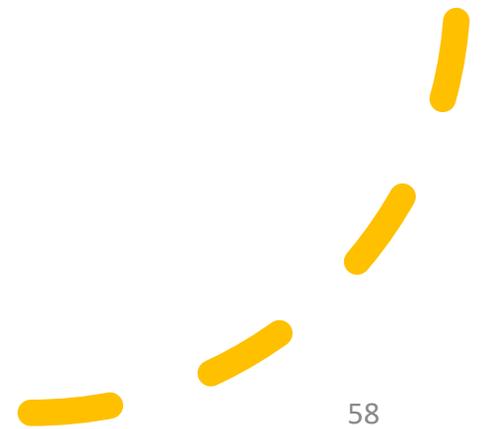
Publishers indexed in Scopus



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Last section

Summary of the presentation



Summary of the Research Process



Smart Objectives

S

SPECIFIC

Details exactly what needs to be done

M

MEASURABLE

Achievement or progress can be measured

A

ACHIEVABLE

Objective is accepted by those responsible for achieving it

R

REALISTIC

Objective is possible to attain (important for motivational effect)

T

TIMED

Time period for achievement is clearly stated

The components of a manuscript

Title, (with author names, affiliations and contact information)

Introduction

Objectives

Methods (Design, Setting, Participants, Recruitments, instruments, materials, Dates, Statistical analyses).

Consort list for RCTs and STROBE check list for observational studies.

Results (Text/Tables/Figures)

The components of a manuscript

Discussions (Discuss your results & compare with previous studies),

Limitations,

Conclusions,

Recommendations,

References (Mendeley , Endnote reference manager),

Appendices.

Acknowledgments

References

- <https://www2.le.ac.uk/offices/ld/resources/writing/writing-resources/planning-dissertation>
- The University of Leicester Library Catalogue;
- http://ir.uiowa.edu/pharmacy_etd/
- <https://owl.english.purdue.edu/owl/resource/588/01/>

Audience questions??

