



Professional Development of Graduates Lecture Series

Research Writing

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13 October 2024



Professional Development of Graduates

- Lack of time and guidance
- Mutual Benefits of Collaboration



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Collaboration with Alumni Institutions

Research Unit Role:

- Allot the research supervisors to alumni
- Guide the alumni during the research journey till publication

Alumni Role:

- Alumni should collect the required research-related data from their institutions
- Ethical Approval
- Coordination with a research supervisor



Why Research?

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Milestone Research in Medical

- Antibiotic: the epitome of a wonder drug
- **Penicillin:** In 1929 Alexander Fleming, at St Mary's Hospital Medical School in London, reported his observation that the culture medium on which a penicillium mould had grown attacked certain bacteria.

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CELEBRATION AT DRUG-RESISTANT BACTERIA H.Q.

OBOY!
CALIFORNIA SHELVED
THEIR LIVESTOCK
ANTIBIOTICS BILL!

WOOHOO!

I COULD
EAT A COW!



Milestone Research in Medical

- Anaesthesia: symbol of humanity
- That William Morton succeeded in establishing the use of **ether** by demonstrating its effects at the Massachusetts General Hospital in October 1846 is due partly to serendipity (the ether worked and did not cause asphyxia) and partly to Morton's great ambition to expand his dental business with a method of numbing the pain of teeth extraction. Within six months news of ether had spread worldwide.



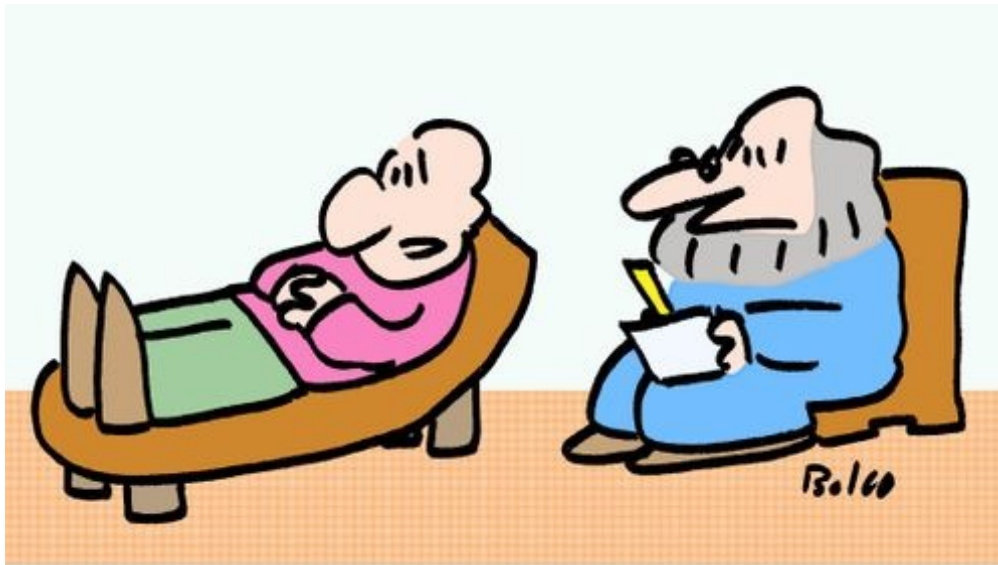


Milestone Research in Medical

- **Chlorpromazine:**
unlocking psychosis
- on 19 January 1952, a 24-year-old man who had mania was injected with chlorpromazine. Their report to a meeting of the Paris Medico-Psychological Society described how he lay calm for several hours with his eyes shut.



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"I don't want to scare you, but
my last three psychiatrists all
came down with paranoia."

Milestone Research in Medical

- Antibiotic: the epitome of a wonder drug
- Anaesthesia: symbol of humanitarianism
- Chlorpromazine: unlocking psychosis
- Vaccines: conquering untreatable diseases
- Oral rehydration therapy: the simple solution for saving lives
- Immunology: making magic bullets
- Discovery of structure of DNA: the best is yet to come



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How to start?

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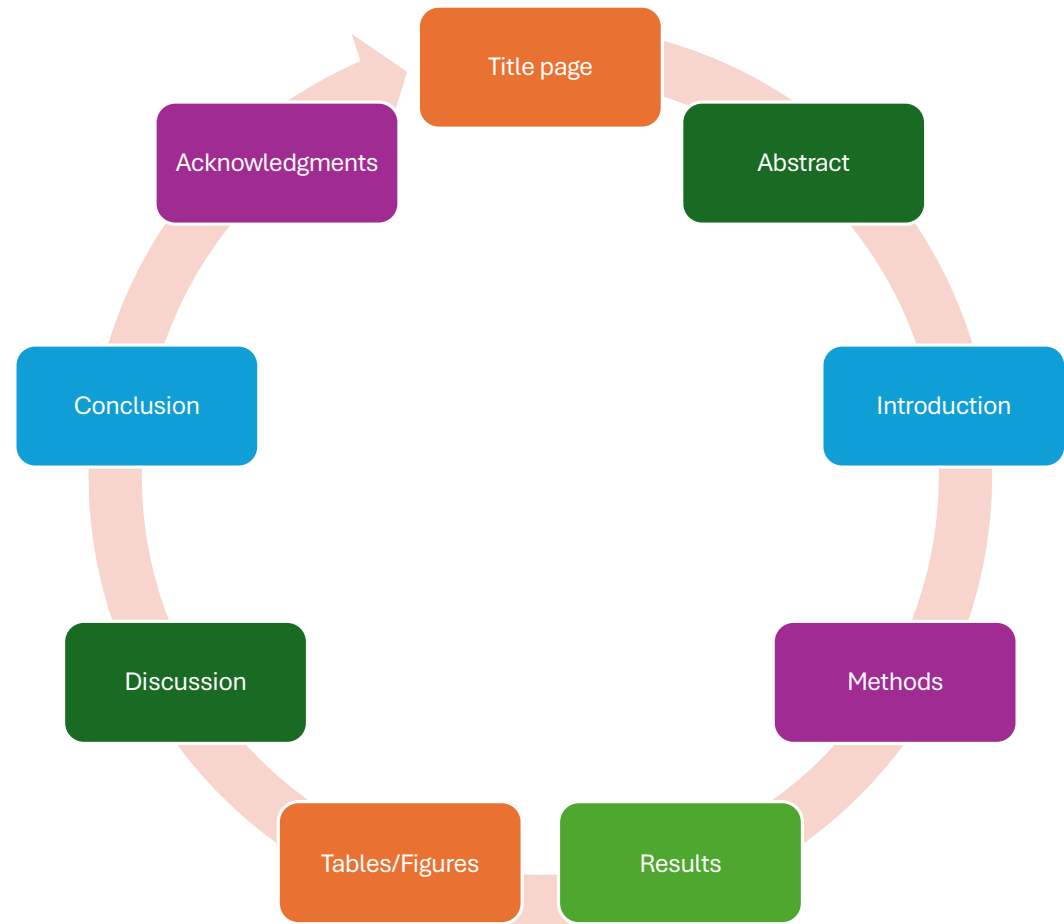
Daily Grind

Many operations involved

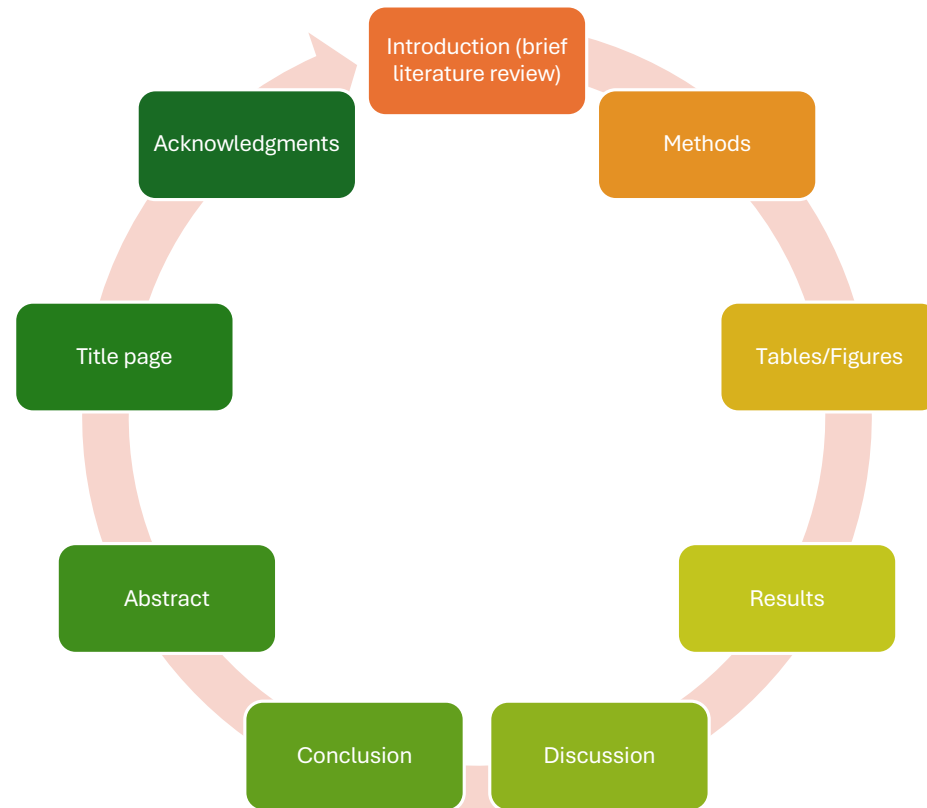
- Reading papers-selective
- Writing reviews of papers & tracking papers
- Discussing ideas
- Having brilliant ideas and discovering which ones are worth bothering with
- Keeping a journal



Anatomy of Manuscript



Writing Order



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Abstract



**BACKGROUND
INTRODUCTION**
(WHAT HAS BEEN DONE
BEFORE/ISSUES)



**AIM OF THE
STUDY**



METHODS



RESULTS



CONCLUSION

Abstract



Background/Introduction:



In the modern era, people assume that epilepsy is still due to evil spirits, and left untreated.



Aim of the Study:



To assess public knowledge, attitude, and beliefs toward epilepsy among local community populations in Shaqra Area, Kingdom of Saudi Arabia.

What?

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Abstract



Methods:



An organized 14 questionnaire was prepared to analyze public knowledge attitudes and beliefs about epilepsy. The study was conducted randomly in public places in Shaqra City, Saudi Arabia, during April and May 2016. The sample size includes 155 males and 130 females from Shaqra, Saudi Arabia.

How?

Abstract

Results:

- The study analyzed the 285 local public including 155 male and 130 female contributors. About 68.38% of male contributors and 63.07% of female contributors studied in Diploma or Bachelor education programs.
- Female contributors (71.53%) were aware of epilepsy as compared with male contributors (58.70%).
- A maximum number of female contributors (82.30%) believe that epilepsy is treated by medication as compared with male contributors (58.70%).





Abstract

Conclusion:

The knowledge, awareness, and attitudes of epilepsy are found to be much improved in the local community of Saudi Arabia.

Public awareness and educational campaigns should be included in modern methods of education to develop a well-knowledge community, which will improve the quality of life of epileptic patients.

Significance

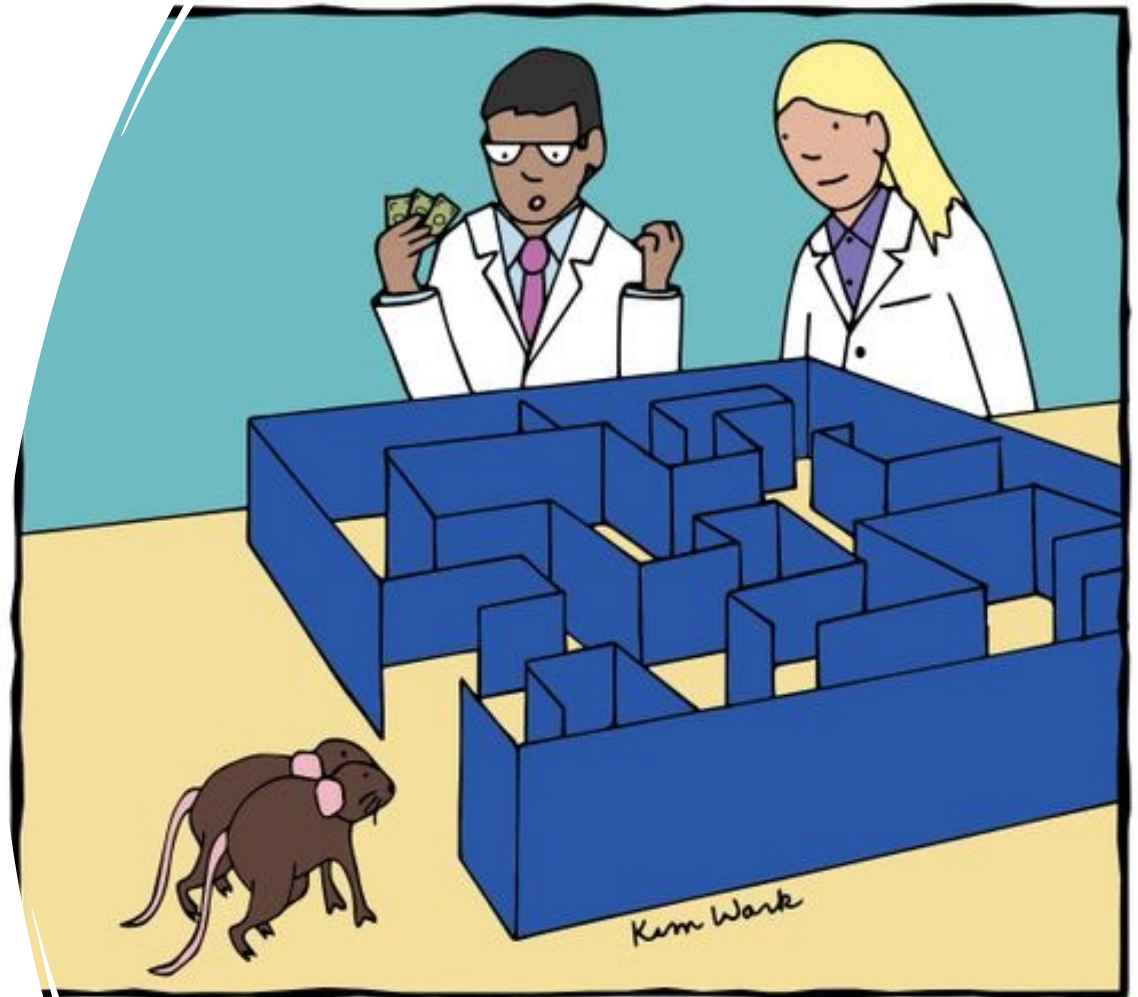
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Literature Review

Artificial Intelligence

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Thank you



*"Care to make this more interesting
than just 'statistically significant'?"*