

# Guide for Research During Medical Internship

## Introduction

Medical internships are a pivotal stage in a healthcare professional's journey, where hands-on experience meets the opportunity for academic and clinical growth. Amidst the rigors of patient care and clinical rotations, internships also present an exciting chance to engage in research. Engaging in research enhances your medical education, contributes to the medical community, and prepares you for a fulfilling and impactful career in healthcare. Embrace these opportunities to grow as a medical professional and make a meaningful difference in the world of medicine

## Research Time Line

All GME Interns will have a two-weeks block where they will be expected to work a research project with the assistance of a supervisor. The interns will be divided in groups and each group will be assigned a topic by the Internship Director.

### *Week 1*

- Literature review

In the early stages of any research project, one of your initial tasks is to explore existing literature related to your topic. This literature review process serves multiple purposes: it provides essential background knowledge, identifies gaps in current understanding, and helps you refine your project's focus.

Numerous bibliographic databases are available, each with its own strengths and focus. Choosing the right ones and selecting effective keywords are crucial steps. Additionally, understanding how search engines work, using citation indices to gauge the importance of references, and employing reference managers for organization are all valuable skills.

- [Write a research proposal](#)

After completing your literature review and stating your aim and objectives you will write a research proposal using the template that will be provided to you and guided by your supervisor. You need to include all the relevant details that are applicable to your study and present the proposal to the Internship Program Director for final approval.

### *Week 2*

- [Complete data collection and analysis](#)

Data will be provided by your supervisor and will include secondary or open data that do not require IRB approval. If you select a topic that involves gathering data from human subjects using a validated tool, it will be necessary to submit your research proposal for IRB approval to start the data collection process. In case your data requires analysis, you can meet with the biostatistician to guide you on the proper data analysis tools that will help you answer your research question and achieve your aim and objectives.

- [Prepare a poster](#)

A poster template will be shared with you to be completed in addition to the poster guide. You will need to ensure that your poster has all details of your project and reviewed by your supervisor.

## Research Support Contact Details

- Al Maktoum Medical Library and Writing Center

[library@mbru.ac.ae](mailto:library@mbru.ac.ae)

- IRB Submission Inquiries

[srenold@dubaihealth.ae](mailto:srenold@dubaihealth.ae)

- Biostatistics Consultation

[fnahli@dubaihealth.ae](mailto:fnahli@dubaihealth.ae)

- General Inquiries

[fnahli@dubaihealth.ae](mailto:fnahli@dubaihealth.ae)