

Training course in research methodology and
research protocol development 2022

Course overview

**Geneva Foundation for Medical Education & Research
in partnership with the World Health Organisation, Geneva,
Switzerland**



**Training course
in research
methodology
and research
protocol
development
2022**

**Organized by the Geneva
Foundation for Medical
Education and Research in
collaboration with the
Department of Sexual and
Reproductive Health &
Research, World Health
Organization (WHO)**

Course coordinators



Moazzam Ali
Course coordinator
WHO HQ (Geneva)



Karim Abawi
Course coordinator
GFMER

Course objectives

To provide knowledge and skills in research methodology and research protocol development to health professionals in sexual and reproductive health field.

The course will enhance participants' knowledge of research methodology and how to develop research protocols and improve their scientific writing.

Thematic areas



**Literature search and referral to biomedical documents:
Conducting a literature search and referencing**



**Epidemiologic studies: Provides basic knowledge on different
epidemiological studies used to conduct research projects**



**Scientific writing: Provides instruction on scientific writing, such as
article, report, presentation based on academic criteria**



**Research protocol development: Provides practical instructions on
how to develop a research protocol according to the WHO
recommended format**

Course topics & dates

21 September 2022 - 15 November 2022 (8 modules)

I. Introduction:
Research topic
selection, research
question and
research problem
statement

III. Epidemiologic
studies

V. Sampling
(sample size and
sampling
technique) and
quantitative data
collection

VII. Research ethics
and Critical
appraisal of
research
publication

21 Sep.

28 Sep.

5 Oct.

12 Oct.

19 Oct.

26 Oct.

2 Nov.

9 Nov.

II. Types of
research, Effective
literature search
and citing
biomedical
documents and
sources

IV. Systematic
review and
Implementation
research

VI. Qualitative
study design

VIII. Scientific
writing and
Standard research
protocol format

What each course module will contain

**Each
module
contains:**

- A set of slides
- Reference documents
- Other audio-visual materials
- Weekly written assignments which will be reviewed by your coach
- Multiple-choice questions (end of course)

Teaching-learning methods

What the course organizers will do to support the participants:

- **A GFMER mentor will be assigned to you at the start of the course, to serve as your tutor and as a guide.**
- **Your mentor will review your paperwork assignment & provide you with feedback promptly.**
- **You can reach out to your mentor by email whenever required or if needed by phone.**
- **You can always contact the GFMER secretariat with questions or concerns.**



Teaching-learning methods cont'd

What is required of you (the course participants):

- To connect with your mentors at the start of the course & to reach out to them when needed
- To develop and submit a research protocol under the guidance of your mentor
- To complete & submit the end of course evaluation

For each module:

- Study the slide sets and or video presentations
- Read all accompanying documents
- Complete the short assignments and the end of course MCQs
- Contribute to group discussions
- Participate in the end-of-course ZOOM meeting with the organizers and resource persons



Each module will take about 6 hours of work/week (total 60 hours of work including research protocol development)

Certificates

- **In order to validate the course and obtain the certificate, the participants are required to develop a research protocol relevant to their professional practice and under the guidance of their personal coach.**

Organizing team: Names and designations

- Raqibat Idris, GFMER Course Manager
raqibat.idris@gfmer.org
- Fiona Poon, GFMER Course Administrator
fionna.poon@gfmer.org

Course coordinators

- Moazzam Ali, Department of Sexual and Reproductive Health and Research, WHO
- Tomas Allen, WHO HQ Library
- Karim Abawi, Executive Committee member, GFMER

**Welcome to
the course!**

