

Training course in research methodology,
research protocol development and scientific
writing 2023

Course overview

**Geneva Foundation for Medical Education & Research
in partnership with Oxford Maternal & Perinatal Health Institute
(OMPHI) and the Department of Sexual and Reproductive
Health & Research, World Health Organization (WHO)**

Dr Raqibat Idris, MBBS, DO, MPH





Training course in research methodology, research protocol development and scientific writing 2023

Collaborating partners:

- **Geneva Foundation for Medical Education and Research (GFMER),**
- **Oxford Maternal & Perinatal Health Institute (OMPHI) and**
- **The Department of Sexual and Reproductive Health & Research, World Health Organization (WHO)**

Course coordinators



Dr Moazzam Ali
Department of Sexual and
Reproductive Health &
Research, World Health
Organization



Prof Jane Hirst
Nuffield Department of
Women's & Reproductive
Health, University of
Oxford (UK)



Dr Karim Abawi
Geneva Foundation for
Medical Education and
Research

Course objective

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

The course will enhance participants' understanding 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



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



Scientific writing: Provides instruction on scientific writing, such as articles or reports, based on academic criteria



Course topics & dates

06 September 2023 - 31 October 2023 (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

06 Sep.

13 Sep.

20 Sep.

27 Sep.

04 Oct.

11 Oct.

18 Oct.

25 Oct.

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

IV. Systematic
review and
Implementation
research

VI. Qualitative
study design

VIII. Research
protocol
development and
scientific writing

Research protocol development

Research protocol submission
deadline: 12 December 2023



What each course module will contain

**Each
module
contains:**

- Slide sets
- Reference documents/ resources
- Links to useful videos
- Assignments
 - Written assignments (weekly)
 - 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 coach and guide.**
- **Your mentor will review your paperwork assignments & research protocols, and 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**
- **Read all accompanying documents**
- **Complete the short assignments and the end of course MCQs**
- **Attend the live webinars and/ or watch the recordings**
- **Participate in the course Google Groups forum**
- **Participate in the end-of-course ZOOM meeting**



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



Teaching-learning methods cont'd

Google Groups:

- You will receive an invitation to join the group.
- You will need a Google account to join and post in the group.
- You can create a Google account without changing your email address. Alternatively, you can create a new Gmail address. Learn how at:
<https://accounts.google.com/SignUpWithoutGmail>
- Once you become a group member, you can create a new topic for discussion or response to any topic through email or direct access to the group website.
- Google has clear online instructions on how to access and participate in the group at:
<https://support.google.com/groups/answer/1067205>

[#join](#)



Online meeting schedules

| Activity | Description | Date and time |
|---------------------------------|--|--|
| Orientation session for coaches | To provide guidance on expectations and role to coaches | Tuesday 05 September 2023 Time: 2 PM CET (Geneva time) |
| Webinar 1 | To respond to questions from participants and coaches on Weeks 1 to 3 topics Panelist: Dr Moazzam Ali (WHO) | Thursday 21 September 2023 Time: 3 PM CET (Geneva time) |
| Webinar 2 | To respond to questions from participants and coaches on qualitative study design Panelist: Dr Khalifa Elmusharaf (University of Birmingham) | Wednesday 11 October 2023 Time: 11 AM CET (Geneva time) |
| Webinar 3 | Online teaching session on: <ul style="list-style-type: none"> • Critical appraisal of research publication • Scientific writing Panelist: Prof Jane Hirst (University of Oxford) | Thursday 19 October 2023 Time: 3 PM CET (Geneva time) |
| End of course meeting | For participants, coaches, course organizers, course resource persons to reflect on the course | To be decided |

Communication

- Email
Course email: researchmethodology@gfmer.org
- Google Groups
Group name: RM2023
<https://groups.google.com>
- WhatsApp – WhatsApp groups
- Zoom

Networking:

- [Picture of the week](#)
- Facebook <http://www.facebook.com/gfmer>
- Instagram <https://www.instagram.com/gfmer.srhr>



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

GFMER core team

- Prof Aldo Campana, GFMER Director
- Dr Raqibat Idris, GFMER Course Manager
raqibat.idris@gfmer.org
- Ms. Fionna Poon, GFMER Course Administrator
fionna.poon@gfmer.org
- Dr Aseel Mugahed
- Dr Fariza Rahman

Course coordinators

- Dr Moazzam Ali, Department of Sexual and Reproductive Health and Research, WHO
- Prof Jane Hirst, University of Oxford (UK)
- Karim Abawi, Executive Committee member, GFMER

Thank you!

**Welcome to
the course!**

