

Accessing Evidence-based resources and Conducting Systematic Reviews in Resource-limited Settings
IL Training Laboratory, Main Library
University of Zimbabwe
Harare, Zimbabwe, July 22-26, 2019

PROGRAMME OF ACTIVITIES

5-day in-person workshop / W1: 2 days - access to resources; W2: 3 days - systematic reviews & publishing

W1 Day 1 - EBP Introduction / Access to literature via Hinari Summon, Google Scholar, Hinari PubMed

08:30 – 9:30 Sign-In / Welcome

Greetings – Professor Paul Mapfumo, Vice Chancellor, University of Zimbabwe
 Group Photo
 Agenda Overview / Icebreaker

09:30 – 10:00 Module 1: Research4Life & Hinari

Overview
 Practical exercises

10:00 – 10:45 Module 2: Internet Searching & Google Scholar

Information sources
 Search Engines VS Portals VS Databases
 Google Scholar linkout to full text articles
 Evaluating Web Information
 Practical exercises

10:45 – 11:00 Break / Refreshments

11:00– 12:15 Module 3: Hinari Portal & Summon Search

Developing a search strategy
 Hinari Summon Country Search
 Hinari portal search options
 Practical exercises

12:15 – 01:15 Lunch

01:15 – 02:45 Module 4: Evidence-based Practice (EBP) – Definition and Background

Definition and Background
 Cochrane Database of Systematic Reviews
 PubMed Clinical Queries - filter for EBP
 3IE - Int'l Initiative for Impact Evaluation
 Eldis
 Practical exercise

02:45 – 03:30 Module 5A: Hinari PubMed

Searching / navigating Hinari PubMed
 Display options
 Export citations
 Practical exercises

03:30– 03:45 Break / Refreshments

03:45 – 04:30 **Module 5B: Hinari PubMed – Advanced Searching**
Filters – by age, language, publication date, type of article
Email / share search results
Advanced searching / Boolean
Migration to new PubMed platform
Practical exercises

W1 Day 2 – Other Databases / Open Access / Grey Literature / Training & Marketing Material / Complete W1

08:30 – 08:45 **Sign-in / Questions**

08:45 – 10:15 **Module 6: Other Databases**

6.1 SCOPUS
6.2 Dimensions
6.3 Clinical Key
Practical Exercises

10:15 – 10:30 **Break / Refreshments**

10:30 – 11:45 **Module 7: Health Information Resources on the Internet / Open Access Resources**

Free e-journals
Open Access Resources
Agency Resources
Topic Specific Resources
Practical Exercises

11:45 – 12:30 **Module 8: e-Book Resources**

FreeBookCentre.net
PubMed Bookshelf
National Academies Press
INTECH Open Access Book Publisher
Hesperian Online Library
Research as Practice textbook

Practical exercises

12:30 – 01:30 **Lunch**

01:30 – 03:00 **Module 9: Grey Literature**

Grey Literature Guides
Search Engines
Clinical Trials
Theses and Dissertations
Practical exercises

03:00 – 03:15 **Break / Refreshments**

03:15 – 04:15 **Module 10: Research4Life & Hinari Training & Marketing Material**

Training Material
Marketing Resources
Practical Exercises

04:15 – 04:30 **Post-workshop Survey / Certificates / End of W1**

W2 Day 1: Introduction to Systematic Reviews/ Developing your research question

08:30 – 08:45 **Sign-In / Agenda Overview**

09:30 – 11:00 **Module 1: An overview of evidence synthesis**

Purpose of research synthesis and SRs

Different types of research synthesis: scoping reviews, systematic maps, and rapid reviews

Steps of a systematic review

Guidelines and standards

11:00 – 11:15 **Break / Refreshments**

11:15 – 12:15 **Module 2: Preparing for a systematic review—protocols, bias and reproducibility**

Assembling your team

Developing and registering a systematic review protocol

Reproducibility, documentation and bias

12:15 – 01:15 **Lunch**

01:15 – 03:15 **Module 3: Refining your systematic review question**

Scoping the literature

Using frameworks (PICO)

03:15 – 03:30 **Break / Refreshments**

03:30 – 04:30 **Module 3 (cont): Refining your systematic review question**

Defining your PICO

Intro to eligibility criteria

W2 Day 2 - Systematic Reviews: Developing Inclusion and exclusion criteria/ PubMed Search Strategies

08:30 – 8:45 **Sign-in**

08:45 – 10:30 **Module 4: Developing eligibility criteria**

Developing and using criteria for inclusion/exclusion

10:30 – 10:45 **Break / Refreshments**

10:45 – 11:45 **Module 5: Overview of the search process**

Identifying databases

Intro to database syntax

11:45 – 12:45 **Lunch**

12:45 – 02:45 **Module 6: PubMed Searching**

Using Medical Subject Headings

Term harvesting and putting together a search strategy

Role of filters and hedges

02:45 – 03:00 **Break / Refreshments**

03:00 – 04:30 **Group work drafting PubMed search strategies**



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W2 Day 3 - Systematic Reviews: Protocol writing / Reference Management Software / Publishing

08:30 – 8:45 **Sign-in**

08:45 – 10:30 **Protocol-writing session**

Search strategy peer review
Consultation sessions

10:30 – 10:45 **Break / Refreshments**

10:45 – 11:00 **Next steps and wrap-up**

Project timeline development
Overview of webinar series

11:00 – 12:30 **Module 7: Reference Management Software - participants can bring laptops**

Review of Mendeley features (set up collections, download citations and pdfs)
Cite while you write feature / create bibliographies (MS Word)
Practical exercises

12:30 – 01:30 **Lunch**

01:30 – 02:30 **Module 8A: Author Skills – Writing Resources**

Plagiarism
Resources for Effective Writing
Journal Selection Tools
Web Bibliography
Practical exercises

02:30 – 02:45 **Break / Refreshments**

02:45 – 03:30 **Module 8B: Author Skills – Publishing Resources**

Article Submission Overview
Copyright – Author options
Creative Commons
ORCID ID
Google Scholar Citations
Practical exercises

03:30 – 04:00 **Post-workshop Survey / Certificates / Group Photo / End of W2**

Continuing Support – live workshop series delivered remotely via Zoom web-conferencing platform.

These workshops will mirror the systematic review process, and will support the continued application of this methodology for workshop participants. Workshops will be recorded and made available for those who cannot meet during the webinar, or for repeat viewing.

Tentative webinar schedule (the dates/topics are subject to change)**October 2019**

Translating searches across databases and searching grey literature

December 2019

Managing the systematic review process (e.g., Covidence, Zotero)

February 2020

Open session for Q&A and progress reports

June 2020

Assessing study quality and strength of evidence

August 2020

Meta-analysis

Links for Workshop 1 – Accessing Evidence-based Literature

PPT slides, exercises & programme: http://bit.ly/UZim_W1

Pre-Survey: http://bit.ly/UZim_W1_pre

Post-Evaluation: http://bit.ly/UZim_W1_post

Links for Workshop 2 – Conducting Systematic Reviews

PPT slides & exercises: http://bit.ly/UZim_W2

Pre-Survey: http://bit.ly/UZim_W2_pre

Post-Evaluation: http://bit.ly/UZim_W2_post

Sign in links:

Day 1 Mon. July 22, 2019 - <http://bit.ly/UZim-signin-Monday>

Day 2 Tues. July 23, 2019 - <http://bit.ly/UZim-signin-Tuesday>

Day 3 Wed. July 24, 2019 - <http://bit.ly/UZim-signin-Wednesday>

Day 4 Thurs. July 25, 2019 - <http://bit.ly/UZim-signin-Thursday>

Day 5 Fri. July 26, 2019 - <http://bit.ly/UZim-signin-Friday>