

MLA Hinari / Research4Life Grant Progress Report

March 2017

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Timeline to date:

August 2016:

- Awarded Grant

January 2017:

- Conducted In-Person Hinari training at Kilimanjaro Christian Medical Centre (KCMC) in Moshi, Tanzania
- Needs assessment for Hinaritraining.org tutorials:
 - Interviewed medical students at KCMC as part of needs assessment for tutorial revision
 - Distributed survey to existing Hinaritraining.org tutorial email list

In-Person Hinari Training

In-person Hinari training was held at Kilimanjaro Christian Medical Centre from January 16 – 20, 2017. Four primary groups received training: KCMC library staff, 4th year medical students, 3rd year nursing students, and students in 3rd year BSc Physiotherapy, 3rd year BSc Prosthetic and Orthotics, and 3rd year BSc Lab programs. In addition, 2 Hinari training sessions were offered to interested faculty and staff, brief overviews of Hinari were presented at the campus-wide Clinical Conference and internal medicine morning report, and individual consultations were provided to 4 faculty. In total, over 490 participants were reached. Each group participated in at least 2 sessions: An Introduction to Hinari and a database searching session. Learning objectives for sessions are provided in Appendix A.

In addition to delivering 16 hours of Hinari training to end users, 10 hours were invested in small group work with the KCMC library staff to prepare them to lead Hinari training themselves. During these 10 hours, library staff first learned and then practiced the Hinari content. Three KCMC library staff volunteered to teach sections of the program to students, while the other 4 volunteered to offer help as floaters during the sessions. All KCMC library staff floated at all training sessions, and on day 4 of the training, the KCMC library staff were integral trainers and at two Intro to Hinari sessions for KCMC students.

This work was facilitated by the simultaneous visit of librarian Tove Faber Frandsen, from Odense University Hospital in Denmark, who has been partnering with the KCMC library staff for several years. Though we had previously not met, Tove and I were able to strategize about appropriate goals for the library staff based on her existing work with them and the Hinari training I was delivering that week.

Logistical arrangements and student expectations were made possible by Dativa Tibyampansha and Gloria Ibrahim, Learning Management System Specialists. Funding for the trip was cost-shared by the Hinari / Research4Life Training Grant and Duke University Medical Center Library.

See Appendix B for photos.

Needs Assessment for Hinaritraining.org Revision

Planning for tutorial revisions is underway. In this period, needs assessment activities have taken place to assess current needs.

Informal Focus Group:

10 medical students offered feedback for the Hinari tutorial revision. In a 1 hour meeting, they discussed their preferred learning styles for online help material and their perceived challenges and benefits of using Hinari. This information is summarized below.

Most important things to know about Hinari and searching

- How to search for journals
- Browse by subject
- Scopus
- Books
- PubMed
- Breaking questions into PICO

What is hard about using Hinari

- Term selection
- Not having complete information for a journal
- Navigating the system
- Knowing what's available

What kind of help information is useful on the web

- Videos – less than 4 minutes
- Also offer other formats as data can be expensive for watching videos:
 - Pictures and steps
- Smaller chunks of content that are short, whole thing should take no more than 20 minutes

The tutorials will be developed along the following principles

- Short
- Task-based
- Videos and step-by-step instructions
- Hosted on Duke Wordpress to enable easy uploading and revisions

Survey to Hinaritraining.org Email List:

A survey was developed in Qualtrics and sent to the Hinaritraining.org email list. Please see Appendix C for the full list of questions.

Appendix A: Schedule of Training

Meetings with Librarians

January 16, 8:00 – 10:00

- Introductions, goals for the week

Session 1: January 16, 10:30 – 12:30 and 2:00 – 4:00

- Sit in on Faculty and staff Intro to Hinari and PubMed/Scopus searching sessions

January 17, 8:00 – 10:00 and 10:30 – 12:30

- Breaking apart citations – what do you need to know to find what you are looking for?
- Finding journals
- Finding articles
- Finding books
- Finding material by subject
- Summon

January 18, 10:30 – 12:30

- More practice with...
 - Finding journals
 - Finding articles
 - Finding books
 - Finding material by subject
 - Summon

January 19 8:00 – 10:00

- Practice teaching...
 - Finding journals
 - Finding articles
 - Finding books
 - Finding material by subject
 - Summon

Faculty & Staff

Session 1: January 16, 10:30 – 12:30

Introduction to Hinari and Research4Life Resources: How to Access Articles, E-Books, and Other Scholarly Content

Session will include discussion, demonstration, and hands-on activities for all participants.

- HINARI/Research4Life overview
- Finding e-journals by title, subject, language and publisher
- Summon search engine for Hinari
- Evidence-based practice materials in Hinari
- E-Books in Hinari
- Additional E-books available online

Session 2: January 16, 14:00 – 16:00

How to Use PubMed and Scopus: Tips and Tricks for Finding the Best Articles for Your Research, Patients, and Academic Assignments

Session will include discussion, demonstration, and hands-on activities for all participants.

- Connecting to Hinari/Scopus
- Connecting to Hinari/PubMed
- Conducting advanced searches using subject headings and filters
- Customizing PubMed with MY NCBI

Presentation at Clinical Conference: January 18, 8:00 – 10:00

- HINARI/Research4Life overview
- Types of content available in Hinari
- How to get help

Medical Students Year 4:

Session 1: January 17, 14:00 – 16:00

Introduction to Hinari and Research4Life Resources: How to Access Articles, E-Books, and Other Scholarly Content

Session will include discussion, demonstration, and hands-on activities for all participants.

- HINARI/Research4Life overview
- Finding e-journals by title, subject, language and publisher
- Summon search engine for Hinari
- Evidence-based practice materials in Hinari
- E-Books in Hinari
- Additional E-books available online

Session 2: January 18, 14:00 – 16:00

How to Use PubMed and Scopus: Tips and Tricks for Finding the Best Articles for Your Research, Patients, and Academic Assignments

Session will include discussion, demonstration, and hands-on activities for all participants.

- Connecting to Hinari/Scopus
- Connecting to Hinari/PubMed
- Conducting advanced searches using subject headings and filters
- Customizing PubMed with MY NCBI

Nursing Students Year 3:

Session 1: January 19, 14:00 – 16:00

Introduction to Hinari and Research4Life Resources: How to Access Articles, E-Books, and Other Scholarly Content

Session will include discussion, demonstration, and hands-on activities for all participants.

- HINARI/Research4Life overview
- Finding e-journals by title, subject, language and publisher
- Summon search engine for Hinari
- Evidence-based practice materials in Hinari
- E-Books in Hinari
- Additional E-books available online

Session 2: January 20, 14:00 – 16:00

How to Use PubMed and CINAHL: Tips and Tricks for Finding the Best Articles for Your Research, Patients, and Academic Assignments

Session will include discussion, demonstration, and hands-on activities for all participants.

- Scholarly vs. non-scholarly sources
 - Connecting to Hinari/CINAHL
 - Conducting advanced searches using subject headings and filters
 - Connecting to Hinari/Scopus
 - Conducting advanced searches using subject headings and filters
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BSc Lab year 3, BSc Physiotherapy year 3, BSc Prosthetic and Orthotic year 3

Session 1: January 19, 10:30 – 12:30

Introduction to Hinari and Research4Life Resources: How to Access Articles, E-Books, and Other Scholarly Content

Session will include discussion, demonstration, and hands-on activities for all participants.

- HINARI/Research4Life overview
- Finding e-journals by title, subject, language and publisher
- Summon search engine for Hinari
- Evidence-based practice materials in Hinari
- E-Books in Hinari
- Additional E-books available online

Session 2: January 20, 08:00 – 10:00

How to Search Databases in Hinari: Tips and Tricks for Finding the Best Articles for Your Research, Patients, and Academic Assignments

Session will include discussion, demonstration, and hands-on activities for all participants.

- Scholarly vs. non-scholarly sources
- Searching Hinari/Scopus
- Searching Hinari/PubMed

Appendix B: Hinari Training Photos





Appendix B: Survey Questions

Questions for all respondents:

1. What country are you located in?
2. What is the name of your institution?
3. What type of institution is this?
 - a. University
 - b. Non-Governmental Organization
 - c. Other
4. What is your primary role at the institution? (please select one)
 - a. Student
 - b. Faculty
 - c. Researcher
 - d. Staff
 - e. Librarian
 - f. Other (please specify)
5. For what purposes do you use Hinari (please select all that apply)
 - a. Academic assignments
 - b. Research
 - c. Clinical care
 - d. Teaching
 - e. Other (please specify)
6. Please select the tasks in Hinari in which you would like training? (please select all that apply)
 - a. Understanding the interface
 - b. Browsing content
 - c. Finding a full text article
 - d. Searching PubMed
 - e. Searching CINAHL
 - f. Using E-books
 - g. Solving problems
 - h. Other (please specify)
7. Please rank the following training formats by their effectiveness:
 - a. Video (extremely effective – somewhat effective – not very effective – not at all effective)
 - b. Text transcript (extremely effective – somewhat effective – not very effective – not at all effective)
 - c. Audio (extremely effective – somewhat effective – not very effective – not at all effective)
 - d. Quizzes (extremely effective – somewhat effective – not very effective – not at all effective)
8. If training videos were available on YouTube, would you be able to watch them where needed?
 - a. Yes
 - b. No
9. Comments or suggestions for how we can make training videos more effective?
10. May we contact you to ask further questions?
11. Have you ever viewed, used, or recommended the training content at Hinaritraining.org
 - a. Yes
 - b. No

Additional questions for users of Hinaritraining.org (questions show using branching logic)

1. How do you use the training from Hinaritraining.org (please select all that apply)
 - a. For personal education

- b. Recommend to others at institution
 - c. Require others to complete at institution
 - d. Other (please specify)
- 2. How effective was the Hinaritraining.org training overall
 - a. 1 (Extremely effective) – 2 – 3 – 4 – 5 – 6 (Not effective at all)
- 3. How effective did you find each of the training modules?
 - a. Module 1: What is Hinari (extremely effective – somewhat effective – not very effective – not at all effective – unsure/did not use)
 - b. Module 2: How to find the full text of an article (extremely effective – somewhat effective – not very effective – not at all effective – unsure/did not use)
 - c. Module 3: How to search PubMed through Hinari (extremely effective – somewhat effective – not very effective – not at all effective – unsure/did not use)
 - d. Module 4: Advanced PubMed searching (extremely effective – somewhat effective – not very effective – not at all effective – unsure/did not use)
 - e. Module 5: Resource access problems and solutions (extremely effective – somewhat effective – not very effective – not at all effective – unsure/did not use)
- 4. Please list other tasks within Hinari in which you would like training:
- 5. Did this training meet your needs?
- 6. How did you find out about the Hinaritraining.org videos? (please select all that apply)
 - a. Colleague
 - b. Librarian
 - c. World Health Organization
 - d. Other
- 7. How did you primarily access the training?
 - a. On the internet
 - b. On a CD that was mailed to me
 - c. Downloaded directly from the internet onto local servers / computers
- 8. Comments or suggestions for how we can make the videos more effective?