HINARI/Internet Resources for Health Information Professionals : Training the Trainers EAHIL CEC 3

HINARI

Research in Health

World Health Organization

AN MLA GLOBAL INITIATIVE

MLA Librarians Without Borders®

MEDICAL LIBRARY ASSOCIATION

www.mlanet.org/resources/global/

INFORMATION TRAINING AND OUTREACH CENTRE FOR AFRICA

ITOCA

NON SOLUS

ELSEVIER

Instructors

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Course Background

- As of June 2010, this material has been taught four times as a Continuing Education course:
  - Medical Library Association (MLA) Meetings – May 2009 & 2010
  - International Congress of Medical Librarianship – September 2009
  - European Health Information and Libraries Meeting – June 2010
- Since September 2010, the course has accessible from Mrooms/MLA (mla.mrooms.org)
- Any interested person can register for the free course; it is not limited to MLA members

Objectives

- Review the basics of HINARI and emphasize what baseline skills users need
- Discuss local environment for HINARI course and trainers' needs (question and answer section)
- Review possible types of HINARI training that you can conduct
- Discuss possible funding sources
- Review HINARI training resources Health Resources on the Internet (Module 1.3) and BabelMeSH (Module 4.6)

Pretest (Exercise 1)

- Have you viewed HINARI online?
- Have you had contact with HINARI eligible students or visitors?
- Have you visited a HINARI eligible institution?
- Are you involved in training/education at your Library?
- Do you regularly use PubMed?

- **What types of HINARI activities can you do?**
  - Train visitors/graduate students from HINARI eligible countries
  - Conduct a training course at a HINARI eligible institution
  - Be a facilitator for a HINARI distance learning course
  - Assist with developing training material
  - Make presentations to interested groups - faculty, students, colleagues, health NGOs, visitors from eligible institutions (see HINARI Overview + AGORA & OARE for visitors from eligible countries)
  - Accompany faculty or students - to outreach activities at institutions in HINARI eligible countries

Information Poverty

'Information poverty is that situation in which individuals and communities … do not have requisite skills, abilities or material means to obtain efficient access to information, interpret it and apply it appropriately … (it's) a lack of essential information and a poorly developed information infrastructure.'

Britz JJ. To know or not to know: a moral reflection on information poverty. *Journal of Information Sciences*. 2004: 30(3):194

Background - 1990s

'The shelves in our libraries are full of outdated books, most of them 15 to 30 years old.'

Patrikios, 1994 - see Kale R.

'Management of medical schools and hospitals are in ‘disarray’ where the local research cultures are extremely fragile, if they exist at all.'

Kale R. Health information for the developing world. *BMJ* 1994 Oct 8;309(6959): 939.

Results of Paucity of Health Information

Negative impact on:

- clinical practice/evidence-based medicine
- education/information seeking skills
- research environment

Information Technology (IT)

- Information Technology is a tool to bridge the 'north/south' health information gap
- Internet is a means of acquiring and sharing information and multilateral communication
- IT has been shown to improve access to health information and the health of populations in developing countries

Odutola, A.B. Developing countries must invest in access to information for health improvements. *JMIR* 2003, 5(1), e5

IT Revolution

For successful implementation, the 'Information Technology Revolution' package must include:

- reliable supply of electricity
- sufficient hardware and telecommunications infrastructure (256 bps bandwidth - minimal)
- free or legally accessible and relevant information - ranging from clinical resources to research outputs and policy papers (e.g. HINARI, OA journals, gray literature)
- training for health professionals to be able to
  - identify, filter, evaluate information
  - use/disseminate information
  - serve as trainers/advocates

Use of Information Technology for delivering information (Exercise 2)

- Name three of the barriers for the successful use of Information Technology to bridge the information gap between industrialized and developing countries.

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Activities completed by Workshop participants

- Presentation made at Lviv National Medical University Medical Library (Ukraine) and Short Courses taught at the State Medical and Pharmaceutical University and Free International University of Moldova (June 2009)
- HINARI Short Course updated and translated into Spanish and Portuguese – for use as self-paced online course
- Developed initial draft of ‘Evidence-based Practice Resources for HINARI Users’ training module

- Short Course presentations made to faculty, residents and students on HINARI and Evidence-based Practice; Ministry of Health, Eritrea (September 2009)
- Short Courses conducted for Mongolian veterinary medicine doctors visiting the University of Florida (February 2010) and for Emerging Pathogens Institute Certificate participants (May 2010 & 2011)
- HINARI workshop completed at the University of Gondor, Ethiopia (September 2010)

- As part of EBM courses, HINARI training was conducted at the Central University Teaching Hospital and Kigali Health Institute, Rwanda; taught by the Royale Tropical Institute, Netherlands (KIT) (March – April 2011)
- KIT also is including HINARI training in library instruction for various Masters programs
- HINARI training conducted at the Mulago Hospital, Kampala, Uganda (April 2011)
- Short Course taught to approximately 80 Masters post-graduate students at the Antwerp Institute of Tropical Medicine (May 2011)

HINARI The Basics

- We will proceed to the 'HINARI Short Course' PowerPoint presentation and Word (exercises) documents
- It will be used for the HINARI overview and 'hands on' activities
- Note – When you conduct training, you must know the publishers' restrictions for the institution – more significant for Band 2 countries but some restrictions in specific Band 1 countries

HINARI Short Course (Exercise 3)

- Did completing the Short Course give you a sufficient view of HINARI to teach a course to individuals from HINARI eligible countries?
- Was completing the exercises useful?
- Which portions of the Short Course did you find most relevant?
- Which sections were not as useful?
- Can you think of any additional material that should be added?

Funding Options

- Elsevier Foundation Grants for 'Innovative Libraries in Developing Countries'
  http://www.elsevierfoundation.org/library.html
- Librarians Without Borders® Grant
  http://www.mlanet.org/resources/global/lwb_mla_grant.html
- Fulbright Senior Specialist Program
  http://www.cies.org/specialists/
- INASP Small Grants Scheme
  http://www.inasp.info/file/a5321bd14b77ff03b4020dea879f03ed/small-grants-scheme.html

Funding Options

- Institution grants
- Institution linkages/foundations
- In-country embassies, aid agencies and non-governmental organizations
- Hospital foundations and local medical groups
- Health related non-governmental organizations
- Rotary Club International, Kiwanis and other service organizations
- Ex-patriot organizations/support groups
- National Guard partnerships

Funding Options (Exercise 4)

- List two funding options that you may be of use to you. How would you try to obtain these funds?
- Do you have any other ideas for funding?

Questions and Answers Session

- How would you choose which countries or libraries you would want to partner with?
- Is there a priority list for future workshops?
- For a country where training has been completed, is it OK to target different groups of health professionals or different locations?
- How do you initiate the first contact?
- Can you get help from WHO or ITOCA?

- For contents of training, do you have a protocol for all of us to use?
- Or could we create our own based on local needs?
- How do I get access to up-to-date material?
- How do I find out about the publisher restrictions for a specific institution or country – Band 1 or Band 2?

- What were the barriers/difficulties you encountered when you initiated the arrangement for training – politically, technically, financially, safety concerns, etc?
- What is the physical environment and skill level of the participants?
- What were the difficulties when conducting a workshop?
- What were the solutions to tackle these problems?

- How much funding is needed for a workshop?
  - Travel/accommodations
  - Local costs
- Is it safe to go to a HINARI eligible country by yourself?
- Is it difficult/easy for an American to get a visa to HINARI eligible countries? Do Embassies or local governments help you?

- **What types of HINARI activities can you do? (Exercise 5)**
  - Train visitors/graduate students from HINARI eligible countries
  - Conduct a training course at a HINARI eligible institution
  - Be a facilitator for a HINARI distance learning course
  - Assist with developing training material
  - Make presentations to interested groups - faculty, students, colleagues, health NGOs, visitors from eligible institutions (see HINARI Overviewfor visitors from eligible countries)
  - Accompany faculty or students - to outreach activities at HINARI eligible institutions

- **How do I obtain a User Name and Password?**
- For users from HINARI eligible institutions at your institution, you can use their User Name and Password (they are NOT based on IP Address).
- From the HINARI 'Register' page, you can access a 'by country' Registered Universities and Professional Schools' list – to confirm registration.
- You can contact hinari@who.int for assistance (e.g. obtaining the institutional contact's email address and the User Name and Password) if necessary.

- What passwords do we use?

  For workshops at HINARI institutions, you will use the Institution's User Name and Password (e.g. SOL001 32658)

  For workshops at your institution with participants from multiple HINARI eligible institutions, you may obtain temporary training HIN account (e.g. HIN018 31110); Contact hinari@who.int

- How do I obtain information about HINARI registered institutions within a country or region?

  From the help desk (hinari@who.int), you also can obtain useful information for training sessions including in-country registered institutions, current contacts and usage statistics.

HINARI Questions & Answers (Exercise 6)

- After reviewing the questions and notes, do you have a sufficient understanding of the teaching environment of HINARI?
- Do you know where to find information on HINARI registered institutions and specific user names and passwords?
- From the ‘questions and answers slides’ which were most useful to you? Why?
- What questions were not relevant? Why?
- Note any ‘questions and answers’ that need further elaboration.

Training Materials Overview

- We will proceed to the 'HINARI Training Materials Overview' PowerPoint presentation
- We also will highlight some of the health-related resources on the Internet and the BabelMeSH option

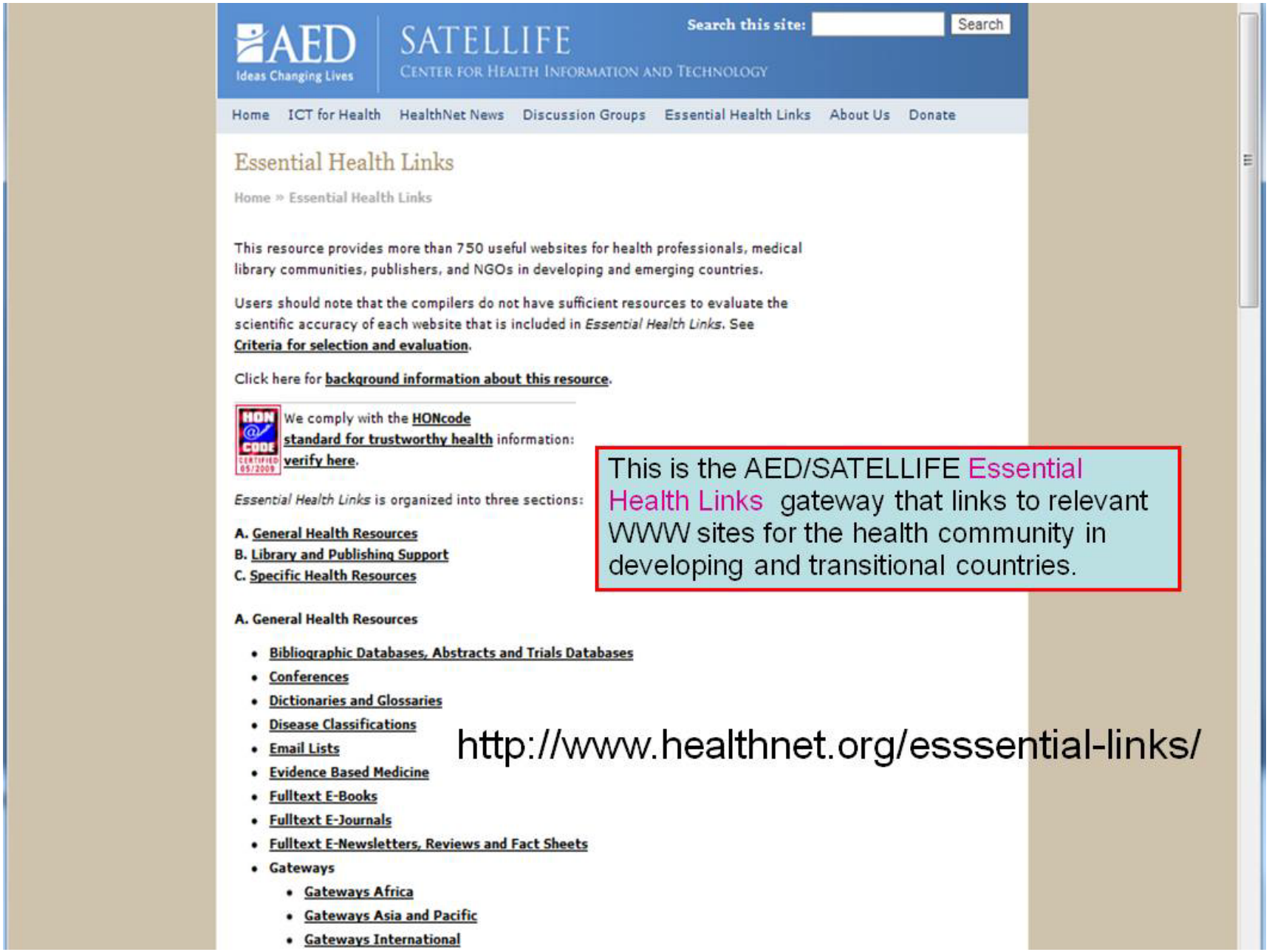
Training Materials Overview (Exercise 7)

- If you are conducting training for visitors or graduates students returning to HINARI eligible institutions, which training material would be of use?
- If you are conducting a 3 or 4 day workshop in a HINARI eligible institution, which training material would you consider using?

Health Resources on the Internet

- Essential Health Links Gateway
- Diseases, Disorders and Related Topics
- Popline
- Health Sciences Online'
- Free Books 4 Doctors

See HINARI Module 1.3 for more health-related Internet resources


AED
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SATELLIFE
Center for Health Information and Technology
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Discussion Groups
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This resource provides more than 750 useful websites for health professionals, medical library communities, publishers, and NGOs in developing and emerging countries.
Users should note that the compilers do not have sufficient resources to evaluate the scientific accuracy of each website that is included in Essential Health Links. See Criteria for selection and evaluation.
Click here for background information about this resource.
We comply with the HONcode standard for trustworthy health information: verify here.
Essential Health Links is organized into three sections:
A. General Health Resources
B. Library and Publishing Support
C. Specific Health Resources
A. General Health Resources
Bibliographic Databases, Abstracts and Trials Databases
Conferences
Dictionaries and Glossaries
Disease Classifications
Email Lists
Evidence Based Medicine
Fulltext E-Books
Fulltext E-Journals
Fulltext E-Newsletters, Reviews and Fact Sheets
Gateways
Gateways Africa
Gateways Asia and Pacific
Gateways International
This is the AED/SATELLIFE Essential Health Links gateway that links to relevant WWW sites for the health community in developing and transitional countries.
http://www.healthnet.org/esssential-links/

Diseases, Disorders and Related Topics

This the Diseases, Disorders and Related Topics gateway. Users can link to specific websites by keyword searching, alphabetical listing or broad subject categories.

www.mic.stacken.kth.se/Diseases

"MeSH Classified" Resources on Internet

for

the general public and health care professionals.

Alphabetical List of Diseases

Information & Disclaimer

Bacterial Infections and Mycoses
Virus Diseases
Parasitic Diseases
Neoplasms (Cancer)
Musculoskeletal Diseases
Digestive System Diseases

K4Health
Knowledge for Health
JOHNS HOPKINS BLOOMBERG SCHOOL of PUBLIC HEALTH
POPLINE
Your connection to the world's reproductive health literature
This is the Johns Hopkins' Knowledge for Health Popline database. Individuals can request up to 15 full-text articles per day that are mailed by post to their address. Popline contains numerous articles on reproductive and related topics.
BOOKMARK
Search Tips
Use & (and) between terms; finds records with all the terms
Use / (or) between terms; finds records with any one of the terms
Use ! (not) before a word; finds all records without that word
Type * (truncation) after part of a word; finds all records with words that start the same way
Keyword Guide
Using Boolean Operators
Advanced Search
Document Delivery Policy
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Enter words or phrases in the boxes below. Then click the Search button.
If searching more than one concept, separate with '&' for AND; '/' for OR.
Example: adolescent* & contraception
SUBJECT:
http://popline/org/
AUTHOR:
Check the box to search only peer reviewed journals.
Results Per Page: 50
SEARCH
CLEAR
Use Advanced Search to build more targeted searches
To watch the POPLINE Search Tutorial click here
Instant Searches
Results limited to records added in l
Adolescent Pregnancy
Adolescents & Reproductive Health
Advocacy
Age at First Intercourse
AIDS and Men
AIDS and Women
Antiretroviral Therapy
Behavior Change
Breastfeeding
Condoms
Contraceptive Security
Disaster Relief
See:Haiti Relief To
Entertainment Education
Faith-based Initiatives
Family Planning Logistics
Family Planning Methods
Female Condom
Female Genital Cutting
Gender and Development
HIV/AIDS Prevention
HIV/FP Integration
See: FP/HIV Inte
IEC
Injectables
See: K4Health Injectabl
Implants
Haiti Relief Toolkit: Essential Knowledge and Resources for Relief Efforts
2009 Photoshare Photo Contest Winners
Photo by Indian Photographer Honored in 6th Annual Photoshare Photo Contest Sponsored By Hopkins' Knowledge for Health (K4Health) Project

Health Sciences Online HSO - Mozilla Firefox
File Edit View History Bookmarks Tools Help
http://hso.info/hso/cgi-bin/query-meta?v%3aframe=form&frontpage=1&v%3
Google
Health Sciences Online HSO
www.hso.info
Health Sciences Online
Search
Contact HSO
Survey
About
Help
http://hso.info
HSO Links
PubMed
All
Search
Choose Search Language: English
Translation is powered by Google™
Health Sciences Online is a searchable portal with over 50,000 reviewed articles on courses, references, guidelines and other learning resources. It was launched in late 2008 and includes the Google Translation option.
HSO Founding Collaborators and Funders
American College of Preventive Medicine
Annenberg Physician Training Program
US Centers for Disease Control and Prevention
NATO Science for Peace
University of British Columbia
World Bank
World Health Organization
World Medical Association
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2. Title
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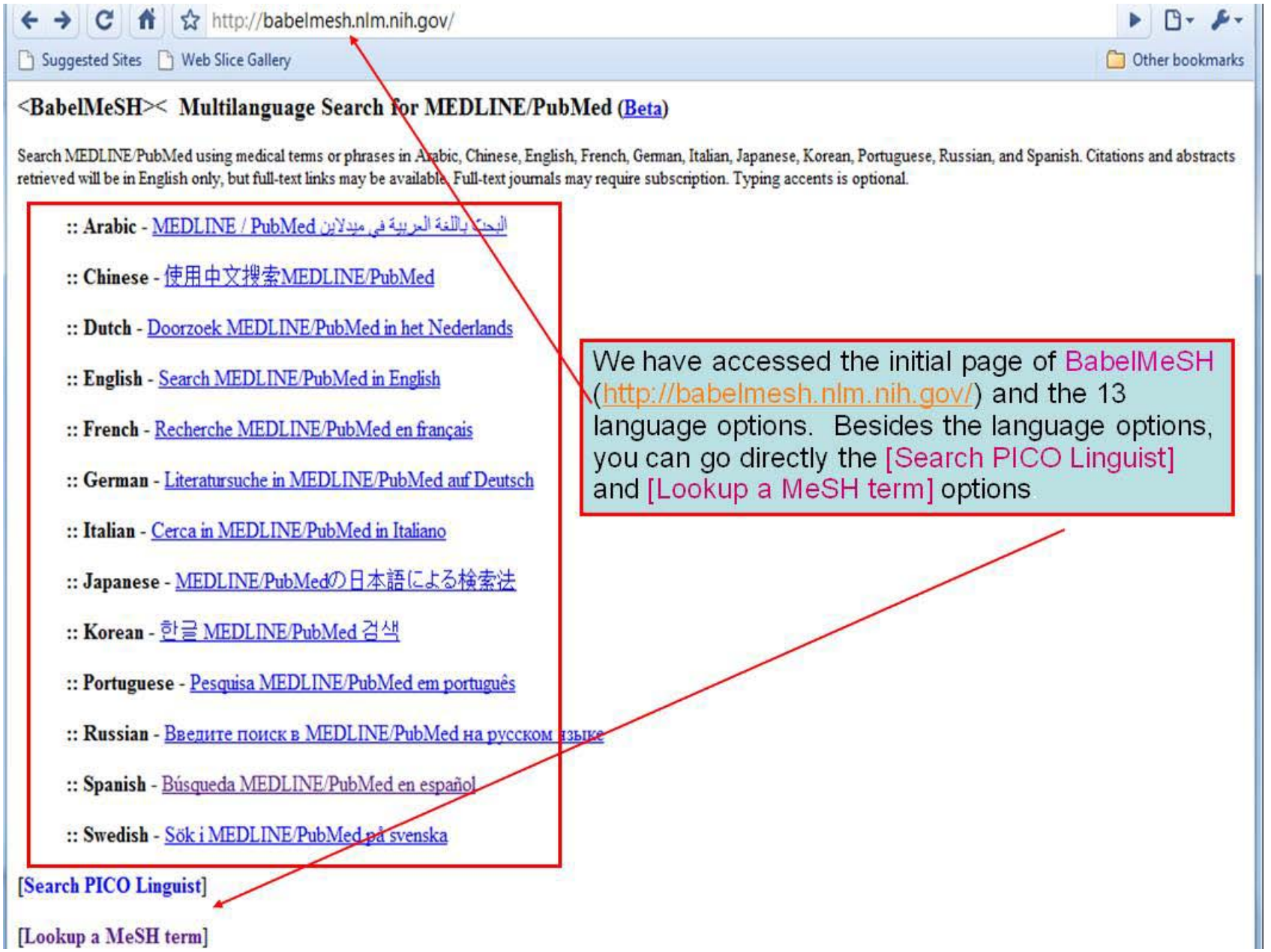
D - E
F - H
I - M
N - S
T - Z
French
German
Spanish
other languages
Donations
Book Alert
About
Amedeo - The Medical Literature Service
10 Years, >100.000 Subscribers
Free Subscription
Sorted by specialty
http://www.freebooks4doctors.com
AIDS (21)
Addiction (9)
Allergy (2)
Anatomy (14)
Andrology (1)
Anesthesiology (2)
Basic Science
Biochemistry
Biographies (1)
Biology (8)
Biotechnology (1)
Cardiac Surgery (1)
Cardiology (20)
Cardiovascular Diseases (4)
Careers (1)
Cell Biology (1)
Chemistry (1)
Classifications (2)
Climate and Health (1)
Clinical Trials (6)
Critical Care (3)
Dentistry (2)
Dermatology (12)
Intensive Care (2)
Laboratory Medicine (6)
Laparoscopy (1)
Legal Medicine (1)
Library (1)
Medical Writing (2)
Musculoskeletal Disorders (2)
Nanomedicine (1)
Nephrology (3)
Neurology (12)
Neurophysiology (1)
Neurosurgery (1)
Nuclear Medicine (3)
Nutrition (7)
Obstetrics (3)
Occupational Medicine (1)
Oncology (19)
Ophthalmology (5)
Optometry (1)
FreeBooks4Doctors is a gateway with links to 600+ full text e-books.


http://babelmesh.nlm.nih.gov/
Suggested Sites
Web Slice Gallery
Other bookmarks
<BabelMeSH>< Multilanguage Search for MEDLINE/PubMed (Beta)
Search MEDLINE/PubMed using medical terms or phrases in Arabic, Chinese, English, French, German, Italian, Japanese, Korean, Portuguese, Russian, and Spanish. Citations and abstracts retrieved will be in English only, but full-text links may be available. Full-text journals may require subscription. Typing accents is optional.
:: Arabic - MEDLINE / PubMed البحث باللغة العربية في ميدلاين
:: Chinese - 使用中文搜索MEDLINE/PubMed
:: Dutch - Doorzoek MEDLINE/PubMed in het Nederlands
:: English - Search MEDLINE/PubMed in English
:: French - Recherche MEDLINE/PubMed en français
:: German - Literatursuche in MEDLINE/PubMed auf Deutsch
:: Italian - Cerca in MEDLINE/PubMed in Italiano
:: Japanese - MEDLINE/PubMedの日本語による検索法
:: Korean - 한글 MEDLINE/PubMed 검색
:: Portuguese - Pesquisa MEDLINE/PubMed em português
:: Russian - Введите поиск в MEDLINE/PubMed на русском языке
:: Spanish - Búsqueda MEDLINE/PubMed en español
:: Swedish - Sök i MEDLINE/PubMed på svenska
[Search PICO Linguist]
[Lookup a MeSH term]
We have accessed the initial page of BabelMeSH (http://babelmesh.nlm.nih.gov/) and the 13 language options. Besides the language options, you can go directly the [Search PICO Linguist] and [Lookup a MeSH term] options

Health Information on the Internet (Exercise 8)

- Depending on the makeup of a workshop or who is visiting your institution, do you think that this type of information would be relevant? If so, why?

UF Certificate Course Participants

Health Information Workshop - Zanzibar

HINARI Workshop – The Gambia

Hanoi Traffic – Via Motorbike