DESENVOLVENDO PROGRAMAS E SERVIÇOS INTERNET E WWW NA ÁREA DE INFORMAÇÃO PARA A SAÚDE: workshop

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Realizou-se no dia 17 de novembro de 1997 workshop de treinamento para o Desenvolvimento de Programas e Serviços Internet e WWW na área de Informação para a Saúde no Laboratório de Informática do programa de pós-gra-duação em Biblioteconomia da PUC de Campinas. A professora responsável é presidente da *Kovacs Consulting - Internet & World Wide Web Training & Consulting*, editora-chefe do *The Directory of Scholarly and Professional Electronic Conferences e do Electronic Journal on Virtual Culture*. Autora de *The Cybrarian's Guide to Developing Successful Internet Programs and Services e The Internet Trainer's Guide*, recebeu em 1992 o prêmio *Apple Corporation Library's Internet Citizen* e a primeira a receber em 1996 o prêmio *Young Leadership Award* da University of Illinois *Graduate School of Library and Information Science.*

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ACTIVITY 1 - SEARCH ENGINES FOR HEALTH AND MEDICINE

OVERVIEW OF THIS ACTIVITY:

This activity involves the use and evaluation of some international search engines with directories with links to Medical information

Hint: Try Dr. Richard J. Smith's "Web Search Chest Sheet" at: http://www.colosys.net/search

Hint: Remember to page down the screen using your scrollbar to see the results of your search. Many of the search engines will display your results below advertisements and other kinds of system messages.

Hint: Look for correlations betwen your search topic and the kind of advertisements you get on each search engine.

See Also: "Choose the best engine for your purpose"

http://www.nueva.pvt.k12.ca.us/~debbie/library/research/adviceengine.html

and: "Advanced Searching: Tricks of the Trade"

http://www.onlineinc.com/onlinemag/MayOL/zorn5.html

STEP 1. Here is a list of eight popular U.S. Web search engines with their URL's. Using your Web browser, you will connect to each site and look for:

1. The box where your search is typed.

2. The button to press to begin your search.

Yahoo	http://yahoo.com
Alta Vista	http:/altavista.digital.com
Excite	http://www.excite.com
HotBot	http://www.hotbot.com
Infoseek	http://guide.infoseek.com
Magellan	http://www.mchinley.com
Webcrawler	http://webcrawler.com
Lycos	http://www.lycos.com

   3. The directions for searching.

STEP 2. Using your Web browser, connect to each Web search engine site and type in the search: "medicine and brazil" or use a search of your own...just use the same search in each search engine. Look for:

   1. the number of results you get.

   2. Of the first 10 results, which seem relevant to your search?

   3. How many of the first 10 results are Internet training (or other kinds if you did your own search) company pages? How many are offering Web Based Internet training?

   4. How many of the first 10 results are just advertisements or college course listings?

OTHER THINGS TO TRY:

   Medguide*http://www.medguide.net*

Brazilian Search Engines and Directories

BRAZILIS Index	http://www.brazilis.com.br/
Cade?	http://www.cade.com.br/
GuiaWEB	http://www.guiaweb.com/
Surf - sistema de busca da internet Brasil e America Latina	http://www.surf.com.br/
Web Central Brasil	http://www.magics.com/bus/ brazil/brasil.htm
Webra	http://www.webra.com.br/

Brazilian Search Engines and Directories

ACTIVITY 2 - PRACTICAL RESEAREH PRACTICE: HEALTH AND MEDICINE

OVERVIEW OF THIS ACTIVITY:

The goal of this activity is to give you hands-on experience with practical use of the Internet for research. There is an answer key at the end of each set of questions, but it is meant only to give you an idea of how you might have answered the question and a general idea of the answers.

A general practitioner believes that a female patient might have cluster headaches. Where can she find a report on headache diagnosis and treatment?

1. My osteopath, who knows I do Internet research, asked me if I could find information for him on any complications that a drug called Coumadin might have on a patient who has just had a hip transplant.

2. You're a medical student who needs to review brain anatomy before a practical examination the next day. The library and laboratory are closed. Where can you find an Internet sites interactive human anatomy graphics, especially of the brain?

3. Redux has been in the news lately. It is supposed to be a miracle drug for weight loss.

   Where can I find good information about its approval by the FDA?

4. Your doctor has advised you to concentrate on Wellness. That is improve your diet and exercise more. You want to find out more about the Wellness concept. Where do you find information on the Internet?

5. An nurse-midwife wants information on supporting new parents with premature babies. Where can she find information and support groups on the Internet?

   Peek ahead to**Module 3** to find good sites to find groups.

6. Your daughter wants to go to medical school, where can you find scholarshi information, medical school descriptions and entrance requirements as well as practical advice for new medical students on the Internet?

7. A Gynecologist has heard that it is not necessary to perform a hysterectomy to remove uterine leiomyomas (fibroids). Where can he find information on the surgical or drug treatment of uterine leiomyomas on the Internet?

Extra Credit:

My brother-in-law just finished Emergency Medical Technician training and certification. I've heard there is a really neat site that has EMT and Paramedic Humor.

Some samples from the site's "Frequently Asked Stupid Questions" have been passed around :

Q. What's the patient's name? What's the patient's name?!! (on a cardiac arrest victim).

A. I don't know, I asked him four times after he coded and he wouldn't answer me once!

Q. What are the vitals? (different nurse, same code).

A. If we're doing CPR right he should have a pulse rate of 80-100/min, 24 respirations min. and a blood pressure of maybe 40 systolic.

Q. Can the patient sign the insurance and permission forms?
A. Only if they use your pen.

ANSWERS:

1. Use the MH search engine to find a current comprehensive report on headache diagnosis and treatment.

2. Drug information is still scanty on the Internet. Access one of the free Medline sites though and find lots of article citations. The Doctor then just needs to get copies of the articles from the library or ask the librarians to give him a summary of the articles (many hospitals have that kind of service).

3. Search on "brain anatomy" in Medguide. You'll find several sites with lots of graphics.

   The Brain Atlas site *(http://www.med.harvard.edu/AANLIB/home.html)* is very comprehensive. You'll also find the Martináale's Health Science Guide *http://www-sci.lib.uci.edu/HSG/HSGuide.html*

4. Use either one of the free medline sites (listed in Module 1) or start with the MH page *http://www.nih.gov*

5. If you search Yahoo with the term "wellness", among other things you'll find the Online Consumer Health Irrformation site. *http://www.hirs.com/constemp.html* You'll find a listing of sites with all sorts of health and wealth information.

6. Use the Directory of Scholarly and Professional E-Conferences

   http://www.n2h2.com/KOVACS or the Liszt List of Lists *http://www.liszt.com* to search for the keywords "Premature Babies". You'll find preemie-l@ vicnet.net.au

7. There are two ways to approach this. Search any of the search engines for the name of a particular medical school or Search any of the search engines by keywords such as "Medical Schools snd Scholarships". In HotBot *http://www.hotbot.com*that search retrieves among other things, a link to Finaid httg://www.finaid.org, which has a tremendous about scholarships and financial aid for all kinds of academic programs.

   Use the MedGuide Search engine *http://www.medguide.net* to search on the words "Uterine leiomyomas" You'll find nothing useful. Searching with the other search engines will yield lots of stuff..not much useful. This is the time to search for a known database such as Medline to see if it accessible through the Internet or visit your local library to search with Medline. Medline is accessible for free on the Internet at *http://www.healthgate.com/ or at http://www.avicenna.com/*Medline provides citation to scientific articles in the medical literature which can be retrieved from many libraries.