Welcome to the V3N11 November 2005 issue of the Awareness Watch™ Newsletter. This newsletter is available as a complimentary subscription and will be issued monthly. Each newsletter will feature the following:

Awareness Watch™ Featured Report
Awareness Watch™ Spotters
Awareness Watch™ Book/Paper Review
Subject Tracer™ Information Blogs

I am always open to feedback from readers so please feel free to email with all suggestions, reviews and new resources that you feel would be appropriate for inclusion in an upcoming issue of Awareness Watch™. This is an ongoing work of creativity and you will be observing constant changes, constant updates knowing that “change” is the only thing that will remain constant!!

Awareness Watch™ Featured Report

This month’s featured report will be highlighting Agriculture Resources on the Internet including agricultural, commodity and related sources on the Internet. These resources are constantly updated with Subject Tracer™ bots at the following URL:

http://www.AgricultureResources.info/

Finding the appropriate resources on the Internet is one of the most important tasks a layperson or researcher can accomplish and this November 2005 Awareness Watch Featured Report list many of these free and fee based latest resources for agriculture available on the Internet. These resources are constantly being updated so it would be wise to bookmark this resource and return on a regular basis.
AGRICULTURE RESOURCES

AgBio Forum - The Journal of Agrobiotechnology Management and Economics
http://www.agbioforum.org/

Ag BioTech InfoNet
http://www.biotech-info.net/

AgEcon Search: Research in Agricultural and Applied Economics
http://agecon.lib.umn.edu/

AgEcon Search AgNIC: Agricultural and Applied Economics Resources on the Internet
http://agecon.lib.umn.edu/AgNIC/

Ag Links
http://www.bcca.org/services/lists/noble-creation/aglink.html

Ag-Links - Links for the Agriculture Industry
http://www.gennis.com/aglinks.html

AgNIC Home Page
http://www.agnic.org/

AGORA -- Access to Global Online Research in Agriculture
http://www.aginternetwork.org/en/

Agribiz - Organizing Agricultural Resources on the Internet
http://www.agribiz.com/

AGRICOLA Database
http://agricola.nal.usda.gov/

AgriConcern - Yahoo Group
http://groups.yahoo.com/group/AgriConcern/

Agricultural Biotechnology in Europe (ABE)
http://www.abeurope.info/

Agricultural, Environmental and Food Laws from Portugal, Brazil and other Portuguese-Speaking Countries Blog by Manuel David Masseno
http://delegeagraria.blogspot.com/
Agricultural Law and Rural Law (Multinational and Multilingual)
http://www.estig.ipbeja.pt/~ac_direito/dagrario.html

Agricultural Ontology Service Project (AOS)
http://www.fao.org/agris/aos/default.htm

Agricultural WWW Hot links by Subject
http://www.ageng.ndsu.nodak.edu/HL_subject.html

Agriculture and Agri-Food Canada (Research Server)
http://res.agr.ca/

Agriculture and Food Industry Resources
http://www.oneglobe.com/agriculture/

Agricultural Economics Review
http://www.eng.auth.gr/mattas/eng.htm

Agriculture Index and Web Directory
http://www.ag-x.com/

Agriculture Law
http://www.agriculturelaw.com/

Agriculture Sources

Agriculture WebRing
http://r.webring.com/hub?ring=theagring

AGRFOR - UK's Gateway to High Quality Internet Resources in Agriculture, Food, and Forestry
http://agrifor.ac.uk/

Agripedia: An Agricultural Resource University of Kentucky College of Agriculture
http://www.ca.uky.edu/agripedia/

AgriSurf! - The Farmer's Search Engine
http://www.AgriSurf.com/

Agropedia Collection
http://www.dekker.com/sdek/issues~content=t713589998~db=enc
Institute for Agriculture and Trade Policy
http://www.iatp.org/

International Trade in Agricultural Products: A Research Guide by Lee Peoples
http://www.llrx.com/features/agproducts.htm

Internet for Agriculture, Food and Forestry Tutorial by Virtual Training Suite
http://www.vts.rdn.ac.uk/tutorial/agrifor

LocalHarvest - Farmers Markets / Family Farms / Organic Food
http://www.localharvest.org/

LSU Libraries--Subject Guide for Agrieconomics and Agrieconomics
http://www.lib.lsu.edu/bus/agbus.html

MyPyramid.gov - USDA
http://mypyramid.gov/

NAL Agricultural Thesaurus
http://agclass.nal.usda.gov/agt/agt.htm

National Agricultural Law Centre
http://www.nationalaglawcenter.org/

National Agricultural Library
http://www.nal.usda.gov/

National Association of Agriculture Educators (NAAE)
http://www.naae.org/

National Council of Farmer Cooperatives
http://www.ncfc.org/

NewCROP
http://newcrop.hort.purdue.edu/newcrop/

Open Directory - Agriculture
http://dmoz.org/Science/Agriculture/

Organic Eprints
http://www.orgprints.org/

Plants National Database
http://plants.usda.gov/
Rodale Institute: The New Farm
http://www.newfarm.org/index.shtml

Small Farm Center - Oline Library
http://www.sfc.ucdavis.edu/library/

Soybean Insect Research Information Center (SIRIC)
http://insectweb.inhs.uiuc.edu/Soy/Siric/Home.htm

Sustainable Agriculture - Science Tracer Bullet
http://www.loc.gov/rr/scitech/tracer-bullets/sustainable-agtb.html

The Cyber-Farm
http://www.ag.ohio-state.edu/~farm/

The International Association of Agricultural Economists (IAAE)
http://www.iaae-agecon.org/

The National Agriculture Law Center
http://www.nationalaglawcenter.org/

The Wood Explorer
http://www.thewoodexplorer.com/

Today’s Market Prices - Daily Herbs, Fruit and Vegetables Wholesale Market Prices
http://www.todaymarket.com/

United States Agricultural Information Network (USAIN)
http://usain.org/

USDA Economic Research Service
http://www.ers.usda.gov/

USDA Economics, Statistics, and Market Information System
http://usda.mannlib.cornell.edu/usda/

USDA Rural Development
http://www.rurdev.usda.gov/

U.S. Trade Internet System
http://www.fas.usda.gov/ustrade/
WAICENT Information Finder
http://www.fao.org/waicent/search/

Web-Agri: The First Agricultural Search Engine
http://www.web-agri.com/

World Agricultural Information Centre (WAICENT)
http://www.fao.org/waicent/

World Bank: Sustainable Agriculture
http://snipurl.com/7p3u

COMMODITIES

About Commodity Trading
http://afs.wu-wien.ac.at/usr/h92/h9208766/seit1.html

BarChart
http://www.BarChart.com/

Bloomberg - Commodity Futures

Chicago Board of Trade
http://www.cbot.com/

Commodity Futures Trading Commission (CFTC)
http://www.cftc.gov/cftc/cftchome.htm

Chicago Mercantile Exchange: Futures Exchange: Futures & Options on Futures
http://www.cme.com/

Commodities Now Online
http://www.commodities-now.com/

Commodity Charts & Quotes - Free
http://tfc-charts.w2d.com/

Commodity Resource Corp
http://www.commodity.com/
Commodity Trader - Online Tools for Futures Trading, Forex Trading, and Stock Trading
http://commoditytrader.net/

CSI - Market Data and Trading Tools for Investors
http://www.csidata.com/

Futures and Options Exchanges
http://dir.yahoo.com/Business_and_Economy/Finance_and_Investment/Futures_and_Options/Exchanges/

futuresource.com Futures Quotes, Charts, News & Analysis
http://www.futuresource.com/

Google Directory - Commodities - Futures
http://directory.google.com/Top/Business/Investing/Commodities_and_Futures/

InvestorLinks - Financial Directory
http://www.InvestorLinks.com/

Markets - Commodities
http://money.cnn.com/markets/commodities.html

Open Directory - Commodities - Futures
http://www.dmoz.org/Business/Investing/Commodities,_Futures/

Stocks and Commodities Magazine
http://www.traders.com/

The Clearing Corporation
http://www.clearingcorp.com/

tradingproduce.com - Providing the Digital Marketplace For the Produce Industry
http://www.tradingproduce.com/index.cfm

University of California-Davis Postharvest Technology Research and Information Center
http://rics.ucdavis.edu/postharvest2/Pubs/index.shtml
**Awareness Watch™ Spotters**

**Bioinformation**
http://www.bioinformation.net/
Beyond Bioinformatics: It is free, open access and online immediately upon acceptance. Bioinformation is an online journal publishing research articles in biological knowledge discovery after full peer review. Bioinformation is added in DOAJ and listed in HIWW. All articles are published, without barriers to access, immediately upon acceptance. The abstracts of published papers will be indexed in major indexing databases after the completion of one year from the launch date. Bioinformation publishes original research articles in all aspects of biological knowledge discovery through mathematical and computational analysis of biological data. The journal specifically invites articles describing new biological insights based on primary or derived data. This has been added to Biological Informatics Subject Tracer™ Information Blog.

**Handbook for Bloggers and Cyber-Dissidents**
http://www.rsf.org/rubrique.php3?id_rubrique=542
Blogs get people excited. Or else they disturb and worry them. Some people distrust them. Others see them as the vanguard of a new information revolution. Because they allow and encourage ordinary people to speak up, they’re tremendous tools of freedom of expression. Bloggers are often the only real journalists in countries where the mainstream media is censored or under pressure. Only they provide independent news, at the risk of displeasing the government and sometimes courting arrest. Reporters Without Borders has produced this handbook to help them, with handy tips and technical advice on how to remain anonymous and to get round censorship, by choosing the most suitable method for each situation. It also explains how to set up and make the most of a blog, to publicise it (getting it picked up efficiently by search-engines) and to establish its credibility through observing basic ethical and journalistic principles. This has been added to my presentation resources at Bots, Blogs and News Aggregators.

**RTDinfo: Magazine on European Research**
http://europa.eu.int/comm/research/rtdinfo/index_en.html
RTD info is a quarterly magazine published by the European Commission presenting a mix of research results and debate on scientific subjects of interest to a wide, non-specialised readership. The common theme is Europe. This has been added to Research Resources Subject Tracer™ Information Blog.

**SemaPedia.org - Combining Semacode with Wikipedia**
http://www.semapedia.org/
Their goal is to combine the physical annotation technology of semacode with the availability of high quality information using the free encyclopedia Wikipedia. Imagine your cellphone as your smart travelguide. Their promise is to provide free relevant ad-hoc high quality information to mobile users in the real world. This has been added to the tools section of Research Resources Subject Tracer™ Information Blog.
TypeTester - Compare Screen Type
http://typetester.maratz.com/
The Typetester is an online application for comparison of the fonts for the screen. It's primary role is to make web designer's life easier. As the new fonts are bundled into operating systems, the list of the common fonts will be updated. This has been added to World Wide Web Reference Subject Tracer™ Information Blog.

Don't Buy Junk
http://www.DontButJunk.com/
Their mission is to continue to build a site that can offer you accurate product recommendations for all of your purchases, without allowing these recommendations to be influenced by anything other than real opinions from our users and from around the Web. This has been added to the ShoppingBots Subject Tracer™ Information Blog.

Voo2do - Web Based To Do Lists
http://www.voo2do.com/
voo2do tracks priority, due date, and time estimates for each task. There is no notion of "lists" in voo2do— tasks can be grouped by project, but you can view and edit a bunch of projects together. Voo2do does not yet support sharing your tasks with other people. This has been added to the tools section of Research Resources Subject Tracer™ Information Blog.

Wikis: Disruptive Technologies for Dynamic Possibilities
http://www.public.iastate.edu/~gerrymck/TICER2005.ppt
Gerry McKiernan is pleased to announce the availability of his PowerPoint presentation titled "Wikis: Disruptive Technologies for Dynamic Possibilities" that was delivered at Digital Libraries à la Carte: Choices for the Future, an international workshop held at Tilburg University, The Netherlands late last month. The presentation reviews the general nature and structure of select wikis, the features and functions of popular wiki software engines, and describes the content and use of wikis by select businesses, colleges and universities, and libraries. The presentation also speculates about the wiki as an environment, framework, and venue for Disruptive Scholarship, his proposed model for alternative scholarly authorship, review, and publishing is available at: [http://www.disruptivescholarship.blogspot.com/]. This has been added to my Bots, Blogs and News Aggregators presentation resources page.

IFPMA Clinical Trials Portal Search
http://www.ifpma.org/clinicaltrials.html
This service is provided by the IFPMA, on behalf of its Member Companies and Associations. The portal has been designed as a single entry allowing you to search for comprehensive information on on-going clinical trials (registry) or results of completed trials (database) conducted by the innovative pharmaceutical industry. This has been added to Healthcare Resources Subject Tracer™ Information Blog. This will be added to Healthcare Resources 2005 Internet MiniGuide.
Applied Bionics and Biomechanics
Applied Bionics and Biomechanics is an international, peer reviewed journal of advanced technological developments based on the science of biological systems. While artificial body parts and related devices (both implantable and extracorporeal) will be a strong focus, other applications of synthetic bionic systems also fall within the scope of the journal, particularly those that are medically-oriented. Issues of public policy relating to developments in bionics, as well as basic research underlying this emerging science, are within the journal's scope, provided basic research is accompanied by well-reasoned extrapolation and discussion of potential practical implications for advancing bionics technologies. Applied Bionics and Biomechanics is targeted at readers with an interest in applied aspects of bionics science and technology. Thus, the intended readership includes researchers and practitioners in the fields of biomechanics, bioengineering and synthetic biological systems, developers, manufacturers and distributors of applied bionic technology products, and public policy planners and administrators in the areas of technology and health. This has been added to Biological Informatics Subject Tracer™ Information Blog.

Wikipedia: Researching with Wikipedia
Wikipedia can be a great tool for learning and researching information. However, like all sources, not everything in Wikipedia is accurate, comprehensive, or unbiased. Many of the general rules of thumb for conducting research apply to Wikipedia, including: a) Always be wary of any one single source, or of multiple works that derive from a single source, and b) Where articles have references to external sources (whether online or not) read the references and check whether they really do support what the article says. However, there are also some rules for conducting research that are special to Wikipedia, and some general rules that do not apply to Wikipedia. This has been added to Research Resources Subject Tracer™ Information Blog.

China Information - A Journal on Contemporary China Studies
http://cin.sagepub.com/
China Information presents timely and in-depth analyses of major developments in contemporary China and overseas Chinese communities in the areas of politics, economics, law, ecology, culture, and society, including literature and the arts. China Information pays special attention to views and areas that do not receive sufficient attention in the mainstream discourse on contemporary China. It encourages discussion and debate between different academic traditions, offers a platform to express controversial and dissenting opinions, and promotes research that is historically sensitive and contemporarily relevant. The journal's mission to promote exchanges between different academic traditions is reflected in its awareness of the important contributions made by scholars outside the Anglo-Saxon world. It actively seeks to reflect the diversity of scholarships and research agendas in America, Europe, Japan, and China. The journal includes book reviews that cover publications from mainland China, Taiwan, Hong
Kong, Japan, France, and the German-speaking areas. In addition, China Information transcends the conventional boundaries between social sciences and humanities and encourages cross-fertilization between disciplines. This will be added to International Trade Resources 2005 Internet MiniGuide.

International Journal of Computational Intelligence (IJCI)
http://www.enformatika.org/journals/1304-2386/
International Journal of Computational Intelligence (IJCI), is a scholarly peer-reviewed, interdisciplinary, quarterly, international scientific journal focusing on theories, methods and applications in computational intelligence; artificial neural networks, fuzzy systems, evolutionary computation and hybrid systems. All submitted articles should report original, previously unpublished research results, experimental or theoretical, and will be peer-reviewed. Articles submitted to the journal should meet these criteria and must not be under consideration for publication elsewhere. Manuscripts should follow the style of the journal and are subject to both review and editing. IJCI covers all areas of artificial intelligence, publishing refereed research articles, survey articles, and technical notes. IJCI reviews papers within approximately one month of submission and publishes accepted articles on the internet immediately upon receiving the final versions. This has been added to Artificial Intelligence Resources Subject Tracer™ Information Blog.

MediaMOO - Media Researchers
http://www.cc.gatech.edu/~asb/MediaMoo/
MediaMOO is a professional online community for media researchers. It is a place to come meet colleagues in media studies and related fields and brainstorm, to hold colloquia and conferences, and to explore the serious side of this new medium. MediaMOO is a research project of Amy Bruckman started at the Epistemology and Learning Group at The MIT Media Lab, and is now hosted at the College of Computing at Georgia Tech. This has been added to Research Resources Subject Tracer™ Information Blog.

wURLdBook - Free Web Based Information Aggregator
http://www.wurldbook.com/
wURLdBook's mission is to help people stay connected to information on the Web. wURLdBook is a free web based information aggregator. wURLdBook offers you a new way to unobtrusively navigate, collect, categorize, annotate, clip, archive, find, publish RSS (including enclosures) and share information with others that is important to you on the web. Using wURLdBook's integrated RSS news aggregation technology you can keep up-to-date on your favorite blog, news feed or RSS search. You can also republish RSS content you find to redistribute to friends and colleagues. With wURLdBook you can capture, along with the web site location (URL), meta-information or "micro content" related to your favorite sites or archive whole news stories for later reference to search against. You can add attachments to your web references which is an auxillary URL pointing to a file such as music files, pdf (e.g. manuals, documents), text or movies to have quick reference to them or publish them as RSS enclosures to share with others. To
get you started, you can even import your existing bookmarks to kick-start your web reference collection. This has been added to the tools section of Research Resources Subject Tracer™ Information Blog.

Social Bookmarking
http://en.wikipedia.org/wiki/Social_bookmarking
Social bookmarking is an activity performed over a computer network that allows users to save and categorize (see folksonomy) a personal collection of bookmarks and share them with others. Users may also take bookmarks saved by others and add them to their own collection, as well as to subscribe to the lists of others. - a personal knowledge management tool. Although using social bookmarking growing in popularity one should consider the threat to privacy when using these services. This new part of the web started around late 2003, when del.icio.us was launched. It quickly gained popularity, many similar services appeared online, tagging became widespread in some other online services. In mid-2005, with the launch of My Web 1.0 BETA by Yahoo! the practice of social bookmarking moved much closer to mainstream. Drawbacks of current implementations include: single word categories, although many services allow multi-words to be enclosed in inverted commas, no mechanism to define or refine categories, no synonym/antonym control or related terms and no hierarchy. A useful feature is RSS feeds per category (tag) that you can subscribe to - alerting you to new links in your areas of interest. This has been added to the tools section of Research Resources Subject Tracer™ Information Blog. This has been added to Social Informatics Subject Tracer™ Information Blog.

DataparkSearch Engine
http://www.dataparksearch.org/
DataparkSearch Engine is a full-featured open sources web-based search engine released under the GNU General Public License and designed to organize search within a web-site, group of web-sites, intranet or local system. DataparkSearch consists of two parts. The first part is indexing mechanism (indexer). Indexer walks over html hypertext references and stores found words and new references into database. The second part is web CGI front-end to provide search using data collected by indexer. This will be added to the search engine section of all the 2005 Internet MiniGuides.

Podcasting Tools - Resources for Podcasting
http://www.podcasting-tools.com/
This site is a comprehensive podcasting resource detailing everything you need to know about Podcasting. Podcasting is the process of creating an audio show of some sort available in MP3 format via an RSS 2.0 feed that supports enclosures. Podcasts are designed to include talk shows, tutorials, music, or other audio content. This has been added to the tools section of Research Resources Subject Tracer™ Information Blog.
Economic Commission for Latin America and the Caribbean
http://www.eclac.org/default.asp?idioma=IN
Established in 1948, the Economic Commission for Latin America (ECLA) is part of the United Nations’ broader initiative to foster coordinated economic development schemes and relationships among Latin American nations. Their web presence is quite formidable, and for persons interested in these types of policy endeavors, this site warrants several visits. First-time visitors can get an accurate sense of ECLA’s overall mission by reading the headlines on the homepage, which draw attention to their economic analyses and monitoring of the UN’s Millennium Development Goals. Visitors looking for reports and publications can take a look at some of their more recent works, such as the economic survey of Latin America and the Caribbean as well as papers on foreign investment in the region. The site is rounded out by a very helpful interactive database which provides information on trade for 33 of the region’s countries, along with 15 members of the European Union. This will be added to International Trade Resources 2005 Internet MiniGuide.[From The Scout Report, Copyright Internet Scout Project 1994-2005. http://scout.wisc.edu/]

DANTE (Delivery of Advanced Network Technology to Europe)
http://www.dante.net/
DANTE (Delivery of Advanced Network Technology to Europe) plans, builds and operates pan-European networks for research and education. It is owned by European NRENs (national research and education networks), and works in partnership with them and in cooperation with the European Commission. DANTE provides the data communications infrastructure essential to the success of research projects in Europe today. This has been added to Research Resources Subject Tracer™ Information Blog.

GÉANT Project
http://www.geant.net/
The GÉANT project is a collaboration between 26 National Research and Education Networks representing 30 countries across Europe, the European Commission, and DANTE. Its principal purpose has been to develop the GÉANT network - a multi-gigabit pan-European data communications network, reserved specifically for research and education use. The project also covers a number of other activities relating to research networking. These include network testing, development of new technologies and support for some research projects with specific networking requirements. This has been added to Research Resources Subject Tracer™ Information Blog.

TERENA - Trans-European Research and Education Networking Association
http://www.terena.nl/
TERENA - Trans-European Research and Education Networking Association - was formed in October 1994 by the merger of RARE (Réseaux Associés pour la Recherche Européenne) and EARN (European Academic and Research Network). TERENA carries out technical activities and provides a platform for discussion to encourage the development of a high-quality computer networking infrastructure for the European
research community. This has been added to Research Resources Subject Tracer™ Information Blog.

ISTweb - Information Society Technologies
http://www.cordis.lu/ist/
European research activities are structured around consecutive four-year programmes, or so-called Framework Programmes. The Sixth Framework Programme (FP6) sets out the priorities - including the Information Society Technologies (IST) priority - for the period 2002-2006. This site provides essential information for participating in the IST priority.

National Centre for e-Social Science (NCESS)
http://www.ncess.ac.uk/
The National Centre for e-Social Science (NCESS) is funded by the Economic and Social Research Council (ESRC) to investigate and promote the use of e-science to benefit social science research. The overall goal of NCESS is to stimulate the uptake and use of emerging e-science technologies within the social sciences. To do this, we provide information, training, advice, support and online resources. NCESS also researches the use of e-science technologies and advises on the future strategic direction of e-social science. The Centre is made up of a co-ordinating hub, based at the University of Manchester with support from the UK Data Archive at the University of Essex, plus seven research nodes based at institutions throughout the UK. A series of smaller e-social science projects have been commissioned under the ESRC small grant scheme. This has been added to Research Resources Subject Tracer™ Information Blog.

SIMAC - Foafing the Music - Semantic Interaction with Music Audio Contents
http://foafing-the-music.iua.upf.edu/
SIMAC is about software tools to enhance our music enjoyment experience. The term semantic refers to well-defined representations of knowledge about music, which will improve the cooperation between people and computers. SIMAC is about bringing active involvement in the music listening process, it is about sharing views and music knowledge among music lovers. Interaction means new ways of describing, displaying, explaining, exploiting, discovering, playing and organizing music collections. SIMAC is about music metadata, about what you can say of a piece of music, on what is hidden in a music file, in a collection of music files, and in the collective knowledge of a community of music lovers. Music Audio Content can be automatically extracted with the SIMAC tools in order to open up new navigation and retrieval strategies, or in order to get suggestions for discovering potentially interesting (but unknown!) music. SIMAC will make possible to step beyond music information retrieval and move towards the realm of music content discovery. This has been added to Deep Web Research Subject Tracer™ Information Blog.
Maricopa ePortfolio
http://eport.mcli.dist.maricopa.edu/
An electronic portfolio is a collection of structured (templated) web pages that you can easily build and maintain without any knowledge of programming or web publishing. This software was originally developed at Chandler-Gilbert Community College and has been installed here to share with the other Maricopa Colleges (more...). Interested Maricopa students and employees are invited to submit a request and we will quickly create an account for you. Be sure to see our new getting started guides. Current ePortfolio users can edit their eP at anytime. This has been added to the tools section of Research Resources Subject Tracer™ Information Blog.

OneLook Dictionary Search
http://www.onelook.com/
Think of this web site as a search engine for words and phrases: If you have a word for which you'd like a definition or translation, they will quickly shuttle you to the web-based dictionaries that define or translate that word. If you don't know how to spell the word, they will help you do that too. No word is too obscure: More than 5 million words in more than 900 online dictionaries are indexed by the OneLook® search engine. Here is what you can do at OneLook.com: a) Define words: Type a word into the search box on the front page to retrieve a list of dictionary web sites that define that word. Be sure "Find definitions" is selected, b) Translate words: Type a word into the search box and select "Find translations" to retrieve a list of dictionary web sites that have translations of that word into other languages, c) Find words: Type a pattern consisting of letters and the wildcards * and ? to retrieve a list of words matching your pattern. The asterisk (*) matches any number of letters or symbols. The question mark (?) matches exactly one letter or symbol. This has been added to Reference Resources Subject Tracer™ Information Blog.

Social Work Selector’s Toolbox
http://www.lib.msu.edu/corby/ebss/socialwork/toolbox.html
Social Work Selector's Toolbox includes: a) Book Reviews (Journals, Subscription Services, Web Sites), b) Book Publisher Websites, c) Evaluating the Collection, d) Grant Sources (Guides, Directories, Additional Web Resources), e) Selecting Journals, f) Selecting Reference Books, g) Selecting Tests/Assessments (Identifying Tests, Reviews of Tests, Locating Tests), h) Selecting Statistics/Data (Gateways, Web Sites U.S. Govt. Web Sites Organizations, Web Sites International), and i) Video Vendors. This has been added to the tools section of Research Resources Subject Tracer™ Information Blog.

Systems, Signs & Actions: An International Journal on Communication, Information Technology and Work
http://www.sysiac.org/?pageId=1
The journal is defined by a particular perspective: 1) Action, communication, representation, and interpretation mediated by, 2) Information technology in, and 3) Work organizations. The emphasis may be on any of the three components, as long as the...
others are treated as important parts of the context. For example, technical papers are welcome as long as technology is viewed as media for action and communication. The journal aims at combined theoretical and empirical developments. Theoretical/conceptual papers should contain some practical or empirical illustrations. Papers with emphasis on empirical research must contain theoretical arguments. The journal accepts four kinds of contributions: short position statements, commentary papers (commenting on other papers in the journal), normal journal papers (15-20 pages), and longer contributions (30-40 pages). Systems, Signs & Actions is a scholarly reviewed journal with an international editorial board. The journal is university published and Open Access. Distribution is solely made through electronic media (www).

Computers and Composition
http://www.sciencedirect.com/science/journal/87554615
Computers and Composition: An International Journal is devoted to exploring the use of computers in writing classes, writing programs, and writing research. It provides a forum for discussing issues connected with writing and computer use. It also offers information about integrating computers into writing programs on the basis of sound theoretical and pedagogical decisions, and empirical evidence. It welcomes articles, reviews, and letters to the Editors that may be of interest to readers, including descriptions of computer-aided writing and/or reading instruction, discussions of topics related to computer use of software development; explorations of controversial ethical, legal, or social issues related to the use of computers in writing programs; and to discussions of how computers affect form and content for written discourse, the process by which this discourse is produced, or the impact this discourse has on an audience.

Rollyo - Roll Your Own Search Engine
http://rollyo.com/
Are you tired of wading though thousands of irrelevant search results to get to the information you want? Ever wish you could narrow your search to sites you already know and trust? With Rollyo, you can easily create your own custom search engines, and explore and save those created by others. Rollyo puts the power of Yahoo! Search in your hands, by giving you the tools to create your own personal search engines - with no programming required. All you have to do is pick the sites you want to search, and we'll create a custom search engine for you. This will be added to the search engines section of all the 2005 Internet MiniGuides.

ConsultantCommons.org - Sharing Tools for Nonprofit Technology Support
http://www.consultantcommons.org/
ConsultantCommons.org provides an online collaboration space and community for nonprofit technical assistance providers to collaboratively build and share knowledge. The goal of ConsultantCommons.org is to provide a resource for nonprofit technology assistance providers to share and develop consulting tools and resources. The system is designed so that consultants can find, contribute and collaborate on tools and information.
they use to maintain a consultancy and provide services to nonprofits. This has been added to the tools section of Research Resources Subject Tracer™ Information Blog.

**BlinkList - Personal Start Page and Social Bookmarking Engine**
http://www.blinklist.com/
Organize Your Web, Your Way. Organize all the web pages you find into groups of easily manageable lists of things to buy, music to download, blogs to read...you name it. It's Fun, Free and Saves You Time. Some say its across from Gmail and del.icio.us. This has been added to Social Informatics Subject Tracer™ Information Blog and to the tools section of Research Resources Subject Tracer™ Information Blog.

**Flu Wiki**
http://www.fluwikie.com/
The purpose of the Flu Wiki is to help local communities prepare for and perhaps cope with a possible influenza pandemic. This is a task previously ceded to local, state and national governmental public health agencies. Their goal is to be: a) a reliable source of information, as neutral as possible, about important facts useful for a public health approach to pandemic influenza, b) a venue for anticipating the vast range of problems that may arise if a pandemic does occur, and c) a venue for thinking about implementable solutions to foreseeable problems. This has been added to Healthcare Resources Subject Tracer™ Information Blog. This will be added to Healthcare Resources 2005 Internet MiniGuide.

**World Directory of Medical Libraries**
http://www.who.int/ghl/directory/en/
The WHO Library and Information Networks for Knowledge (LNK) is compiling a World Directory of Medical Libraries. This comprehensive listing of medical/health libraries worldwide will provide a unique resource to facilitate the flow of information between libraries and coordination of global efforts to improve access to health information. This has been added to Healthcare Resources Subject Tracer™ Information Blog. This will be added to Healthcare Resources 2005 Internet MiniGuide.

**Social Bookmarking Tool Comparison**
http://www.consultantcommons.org/node/239
This article looks at the evolving crop of social bookmarking tools, their functionality and examples of use. The goal is to help nonprofits understand the value of using social bookmarking tools and to determine which social bookmarking tool would be serve their needs. This is directed at nonprofit uses of these tools. This has been added to Social Informatics Subject Tracer™ Information Blog.
Healthcare Cost and Utilization Project (HCUP)
http://www.ahrq.gov/data/hcup/
The Healthcare Cost and Utilization Project (HCUP, pronounced "H-Cup") is a family of health care databases and related software tools and products developed through a Federal-State-Industry partnership and sponsored by the Agency for Healthcare Research and Quality (AHRQ). HCUP databases bring together the data collection efforts of State data organizations, hospital associations, private data organizations, and the Federal government to create a national information resource of patient-level health care data (HCUP Partners). HCUP includes the largest collection of longitudinal hospital care data in the United States, with all-payer, encounter-level information beginning in 1988. These databases enable research on a broad range of health policy issues, including cost and quality of health services, medical practice patterns, access to health care programs, and outcomes of treatments at the national, State, and local market levels. This has been added to Healthcare Resources Subject Tracer™ Information Blog. This will be added to Healthcare Resources 2005 Internet MiniGuide.

Project Gutenberg
http://www.gutenberg.org/
Choose among our 16,000 free ebooks in the Project Gutenberg Catalog. All Project Gutenberg ebooks are free for anyone living in the United States: You may download all our ebooks for your personal use for free. Most Project Gutenberg ebooks are also free as in free speech: You may copy them, give them away and use them in any way you like. See the license page for details. If you don't live in the United States, please check the copyright laws of your country before downloading an ebook. Project Gutenberg is the oldest producer of free ebooks on the Internet. Our collection was produced by hundreds of volunteers. This has been added to Reference Resources Subject Tracer™ Information Blog.

Ten Must-Have Bookmarklets by Gina Trapani
A bookmarklet is a snippet of Javascript that can be bookmarked (or saved as a favorite) inside your web browser. Bookmarklets can enhance web pages, add special functionality and make your browsing experience a lot more efficient by offering one-click access to useful tools. In this special feature, I present ten useful bookmarklets that always have a place in my browser chrome. Maybe there’s room in yours, too. This has been added to the tools section of Research Resources Subject tracer™ Information Blog.

Tools for Organizing Thoughts
http://www.ms.lt/ms/projects/toolkinds/organize.htm
Andrius Kulikauskas has created an ever expanding page with tools for organizing thoughts. In this hectic multi-tasking life it is always good to have a source for tools that will help to organize your thinking! This has been added to the tools section of Research Resources Subject Tracer™ Information Blog.
Natural Computing: An International Journal
http://www.springerlink.com/link.asp?id=108905
Natural Computing is a general term referring to computing going on in nature and computing inspired by nature. When complex phenomena going on in nature are viewed as computational processes, our understanding of these phenomena and of the essence of computation is enhanced. In this way one gains valuable insights into both natural sciences and computer science. Characteristic for man-designed computing inspired by nature is the metaphorical use of concepts, principles and mechanisms underlying natural systems. This type of computing includes evolutionary algorithms, neural networks, molecular computing and quantum computing. The research in natural computing is concerned with theory, experiments, and applications, and the journal reports on each of these research lines. Moreover, the journal will cover natural computing in a very broad scope. Thus, e.g., the subarea of evolutionary algorithms will cover also very active research on the boundary of biology and computer science which views the evolution as a computational process, and the subarea of neural networks will also cover computational trends in brain research. This has been added to Artificial Intelligence Subject Tracer™ Information Blog.

COPRAS: Standardization Guidelines for Research
http://www.w3.org/2004/copras/docu/D15.html
COPRAS has published generic guidelines to help researchers integrate standardization into new and existing projects. Participants W3C, The Open Group, CEN, CENELEC and ETSI cooperate to help European research projects find their way through standardization and to increase standards awareness. COPRAS is funded under the European Union's Information Society Technologies (IST) program.

Tools for Thinking
http://www.ms.lt/ms/projects/toolkinds/index.html
Tools for thinking, and the faculties of thought they support. We all come up with new ideas every day. Executives, scientists, politicians, authors, and others who lead large projects need to take a global perspective on thousands of ideas. Minciu Sodas will help team them up with custom programmers who can creatively combine databases, word processors, Internet applications, and tools from this survey. Of special interest to: Project leaders, custom programmers. This survey is a project of ongoing importance at the Minciu Sodas laboratory's working group Thinking Powerfully and their efforts to interconnect software tools for augmenting thinking. They are collecting information on the variety of tools that can or might assist a thinker. A main goal of this survey is to classify these tools according to the faculty of thought supported by each tool. This has been added to the tools section of Research Resources Subject Tracer™ Information Blog
Gnod
http://www.gnod.net/
Gnod is an experiment in the field of artificial intelligence. Its a self-adapting system, living on this server and 'talking' to everyone who comes along. Gnods intention is to learn about the outer world and to learn 'understanding' its visitors. This enables gnod to share all its wisdom with you in an intuitive and efficient way. You might call it a search-engine to find things you don't know about. This has been added to Artificial Intelligence Resources Subject Tracer™ Information Blog.

Project Management Checklists and Templates
http://dijest.editthispage.com/tools/pm
A traditional PM aphorism: "You know you're a successful project manager when you survive the project." I've picked up a few useful tools to keep my projects organized and to help with project initiation and communication. These MS Word, Excel, and Project templates reflect some best practices and hard-earned PM lessons. Like "nail down scope clearly before starting a project;" "line up executive sponsorship;" and "define your acceptance approach up front." An ounce of prevention... This has been added to the tools section of Research Resources Subject Tracer™ Information Blog.

SciTalk - Scientists and Writers Communicating
http://scitalk.org.uk/
Scientists need to show writers — poets, playwrights, novelists – the wealth of possibilities that are opened up to fiction by using science and scientists in their work. Just as a novel with an accountant as a main character need not be about accountancy, a novel with a scientist need not be about science. Scientists need writers to show that they are 'normal people' from all backgrounds, with normal concerns. SciTalk offers a way for scientists to communicate their expertise and their enthusiasm to writers, and a way for writers to find out about science and how scientists ‘work’ — through personal contact and meeting face-to-face, not just by email or phone. Writers: you need no longer fear the apparent mystique and impenetrability of science, or worry about getting facts wrong, or having to resort to the scientist as cliché for a character. As you will discover here, there are scientists for every occasion, for every character. Science is individual or collaborative; scientists may be based in a laboratory or an office or a tent out in the wilds. The language and jargon can be exciting; the images are extraordinary; and the workplaces offer a wealth of different settings and scenarios. Enjoy discovering more and putting your discoveries to good use in your work. You will find here scientists, men and women, who range from technicians to postgraduate research assistants to research group leaders, from academics to bioethicists to those working in commercial companies. Browse the site or search for a particular expertise — then contact the scientists and arrange to meet. This has been added to Research Resources Subject Tracer™ Information Blog.
LearningExpress Library
http://www.learntest.com/LearningExpressLibrary/
LearningExpress Library provides a completely interactive online learning platform of practice tests and tutorial course series designed to help patrons, students, and adult learners succeed on the academic or licensing tests they must pass. You'll get immediate scoring, complete answer explanations, and an individualized analysis of your results. Sign in and start on your path to success right now. This has been added to Tutorial Resources Subject Tracer™ Information Blog.

WebLens Search Portal
http://www.weblens.org/
Access almost 5,000 Internet research tools and resources! WebLens features links to thousands of popular search engines, metasearchers, guides and directories. This site has been added to the tools section of Research Resources Subject Tracer™ Information Blog.

New Thinking Newsletter by Gerry McGovern
http://www.gerrymcgovern.com/new_thinking.htm
New Thinking is a weekly email newsletter which focuses on web content management, information architecture and writing for the Web. It has been published since 1996 and has over 10,000 subscribers. This has been added to World Wide Web Reference Subject Tracer™ Information Blog.

OpenBusiness - Sharing Business Models
http://openbusiness.cc/
This is a platform for sharing innovative Open Business ideas - entrepreneurial ideas which are built around openness, free services and free access. This has been added to Entrepreneurial Resources Subject Tracer™ Information Blog. This will be added to Business Intelligence Subject Tracer™ Information Blog.

The FreeCountry Programming Resources
http://www.thefreecountry.com/
thefreecountry.com's collection of free programming resources, free webmasters' resources and free security resources. This has been added to the World Wide Web Reference Subject Tracer™ Information Blog.

Tiny Applications
http://www.TinyApps.org/
TinyApps.Org provides links to software available on the Internet. As defined by this website, a tiny app (application) is software weighing 1.44mb or less. This ranges from the miniscule Tiny IDEA (a mere 448 bytes), to the awe-inspiring QNX demo disk which pretty much fills a floppy. To qualify for TinyApps, a program must: 1) Not exceed 1.44mb, 2) Not be adware, 3) Not require the VB/MFC/.NET runtimes. Also, preference is given to apps which are 100% self-contained, requiring no installation, registry...
changes, etc., and 4) Preferably be free, and ideally offer source code. Shareware will only be listed if there is no freeware alternative. This has been added to the tools section of Research Resources Subject Tracer™ Information Blog.

Sociolinguistics and CMC
http://sociocmc.blogspot.com/
This is the community blog site for all those interested in the intersection of Sociolinguistics and Computer-Mediated Communication (CMC). This has been added to Social Informatics Subject Tracer™ Information Blog.

Time Tracker - A Personal Time Management Application
http://www.formassembly.com/time-tracker/
Time Tracker - A Personal Time Management Application. Time Tracker is a simple tool to keep track of the time you spend on any given task. Think of it as a to-do-list with a clock. You can login with your Form Assembly account if you already have one, or register for free. This has been added to the tools section of Research Resources Subject Tracer™ Information Blog.

Ning - Social Web Applications
http://www.ning.com/
Ning is a free online service (or, as they like to call it, a Playground) for building and using social applications. Social apps are web applications that enable anyone to match, transact, and communicate with other people. This is an interesting site for those interested in learning more about social interaction and applications available using the Internet in a user-friendly environment. This has been added to Social Informatics Subject Tracer™ Information Blog.

Contributing To Open Source Projects - HowTo
http://www.kegel.com/academy/opensource.html
This page is aimed at programmers new to the Open Source / Free Software world, who want to make a contribution, but aren't sure where to start. The latest version of this document is at www.kegel.com/academy/opensource.html. This has been added to World Wide Web Reference Subject Tracer™ Information Blog.

Writely - The Web Word Processor
http://www.writely.com/
Writely allows you to edit documents online with whomever you choose, and then publish and blog them online. You can: 1) Upload Word documents, HTML or text (or create documents from scratch), 2) Use our simple WSIWYG editor to format your documents, spell-check them, etc., 3) Invite others to share your documents by e-mail address, 4) Edit documents online with whomever you choose, 5) View your documents' complete revision history and roll back to any version, 6) Publish documents online to the world, or to just who you choose, 7) Download documents to your desktop as Word,
HTML or zip, and 8) Post to your documents to your blog. This has been added to the tools section of Research Resources Subject Tracer™ Information Blog.

Chalk - Web 2.0 Collaboration
http://blog.chalk.it/
For many of us, a piece of chalk represents a time in our lives when anything was possible. A time when we were learning, building, communicating and most importantly - having fun. So when they decided to create a great collaborative web application, it seemed like the perfect name. However, like back in school, their imaginations started to run rampant with ideas. It didn't take long for them to realize what they really wanted. Something that takes us back - not to the classroom or playground, but to a world where you can create and collaborate freely, with friends, colleagues or even strangers. Designers, programmers, writers, family, friends - anyone. We all want tools that make us more productive, especially when we're working in groups. Chalk gives any team an immediate, real time collaborative environment thats accessible from any computer in the world. Do you want to share your ideas, code or graphics instantaneously with others? Chalk is already changing the way they work, and we're sure it will for you. Oh, and did we mention Web 2.0 yet? Chalk communication is in real time, powered by the excellent Ruby on Rails and AJAX, and it's fully compatible with Internet Explorer 5+, Firefox, OmniWeb and Safari. Not to mention the excellent social features we're still adding such as buddy lists, instant messaging and even entire community hub - all without a single page refresh and just a mouse click away. The end product is almost ready. They have come a long way in a short time, but they are about to graduate (hopefully with honors!). We hope you'll be there at the ceremony so you can take Chalk for a test drive. Until then, sit tight and tell your friends - after all, thats what Chalk is all about, sharing. This has been added to the tools section of Research Resources Subject Tracer™ Information Blog.

Introduction To Social Network Analysis
http://www.orgnet.com/sna.html
Social network analysis [SNA] is the mapping and measuring of relationships and flows between people, groups, organizations, animals, computers or other information/knowledge processing entities. The nodes in the network are the people and groups while the links show relationships or flows between the nodes. SNA provides both a visual and a mathematical analysis of human relationships. Management consultants use this methodology with their business clients and call it Organizational Network Analysis [ONA]. This has been added to Social Informatics Subject Tracer™ Information Blog.

Strange New Products
http://www.StrangeNewProducts.com/
An interesting site that features strange new products that are being offered in the consumer marketplace. Light and fun reading in today's hectic paced and multi-tasking world!
Open Clip Art Library
http://www.openclipart.org/
This project aims to create an archive of clip art that can be used for free for any use. All graphics submitted to the project should be placed into the Public Domain according to the statement by the Creative Commons. If you'd like to help out, please join the mailing list. Also, browse the archives to review the project's history. Over 5000 clips and 500 artists. This has been added to Reference Resources Subject Tracer™ Information Blog.

The Code Project
http://www.codeproject.com/
Your place for 10,518 free C++, C# and .NET articles, code snippets, discussions, news and the best bunch of developers on the net. This has been added to Script Resources Subject Tracer™ Information Blog.

DNA Research
http://dnaresearch.oxfordjournals.org/
DNA Research is an internationally peer-reviewed journal which aims to publish the highest quality papers on structures and function of genes and genomes. Emphasis has been made on the following subjects: 1) Sequencing and mapping of genes and genomes, 2) Comprehensive analysis of functions of genes and genomes, 3) Techniques and equipments useful for structural and functional analysis of genes and genomes, 4) Computer algorithms and/or their applications relevant to structural and functional analysis of genes and genomes. The Journal was launched in 1994 by Kazusa DNA Research Institute for publication of fine research in the growing field of genomic research. The online version of the journal was launched in 2000, and the journal has ever since been proud of providing the journal open access. DNA Research continues to provide its online journal open access at a very low author charge. This has been added to Biological Informatics Subject Tracer™ Information Blog.

Journal of Proteome Research
http://pubs.acs.org/journals/jprobs/index.html
The Journal of Proteome Research (JPR) provides content encompassing all aspects of systems-oriented, global protein analysis and function, emphasizing the synergy between physical and life sciences resulting in a multi-disciplinary approach to the understanding of biological processes. JPR integrates the fields of chemistry, mathematics, applied physics, biology, and medicine in order to better understand the function of proteins in biological systems. In addition to publishing original peer-reviewed research papers, JPR also publishes research highlights, current events, book and software reviews, and a calendar of upcoming short courses and symposia of interest to proteomic scientists. This has been added to Biological Informatics Subject Tracer™ Information Blog.
Interdisciplinary Journal of Knowledge and Learning Objects
http://www.ijklo.org/
The mission of the Interdisciplinary Journal of Knowledge and Learning Objects (IJKLO) is to provide readers around the world with the widest possible coverage of developments in knowledge and Learning Objects. IJKLO is an interdisciplinary forum that publishes high quality articles on theory, practice, innovation, and research that cover all aspects of Knowledge and Learning Objects. In addition, IJKLO provides those who submit manuscripts for publication with useful, timely feedback by making the review process constructive. IJKLO will strive to be the most authoritative journal on Knowledge and Learning Objects. This has been added to Knowledge Discovery Subject Tracer™ Information Blog.

Desktop Sidebar
http://www.desktopsidebar.com/
Breaking News... Critical Appointments... Personal Photo Gallery... Convenient Toolbars... Favorite Cartoon... Instant Web Searches... Task Tracking... Music Library... Notes to File... Weather in Tokyo... You can have it all and more at your fingertips with Desktop Sidebar! Desktop Sidebar provides you with instant access to the information you most desire by grabbing data from your PC and the internet. The result is a dynamic visual display you configure and control. How can you make this possible? Choose from among a wide selection of information conduits (e.g. MS Outlook, toolbars, newsfeeds), called "panels". Fully customizable, Desktop Sidebar allows you to dock these panels to the edge of the screen, or arrange them anywhere on your desktop as you wish. All panels are configurable with a number of specific options. With hundreds of skins available in our Extension Exchange Page and an easy to use Skin Editor, you can freely change the appearance of Desktop Sidebar to suit your tastes. This has been added to the tools section of Research Resources Subject Tracer™ Information Blog.

The Yellow Icon - Quality Freeware Icons For You
http://www.yellowicon.com/
Here you’ll find the best icons from the best artists in the world. The icons here listed at Free Community Icons belong to the individual authors or companies and are free for personal and non-commercial use. If you are an icon designer and want to include your work just click on Add Icons in the main menu. This has been added to Reference Resources Subject Tracer™ Information Blog.

Jan Szczepanski's Lists of Open Access Journals
http://www.his.se/templates/vanligwebsida1.aspx?id=20709
Jan Szczepanski, a librarian at Göteborg University, has collected links and information on Open Access journals for years. His lists contain around 4000 current OA-journals and over 600 historic. This has been added to Research Resources Subject Tracer™ Information Blog. This will be added to Academic Resources 2005 Internet MiniGuide.
Open Web Application Security Project (OWASP)
http://www.owasp.org
The Open Web Application Security Project (OWASP) is dedicated to finding and fighting the causes of insecure software. Our open source projects and local chapters produce free, unbiased, open-source documentation, tools, and standards. The OWASP community also facilitates conferences, local chapters, articles, papers, and message forums. The OWASP Foundation, a not-for-profit charitable organization, ensures the ongoing availability and support for our work. Participation in OWASP is free and open to all, as are all the materials. This will be added to Security Resources 2005 Internet MiniGuide.

Tools for Internet-Based Data Collection
http://psych-iscience.unizh.ch/
A collection of various tools for Internet based data collection including a number of experimental tool projects. This has been added to the tools section of Research Resources Subject Tracer™ Information Blog.

Zimbra™ Collaboration Suite Open Source Project
http://zimbra.com/
Zimbra is an open source server and client technology for next-generation enterprise messaging and collaboration. Zimbra delivers innovation for both the administrator and the end-user as well as compatibility with existing infrastructure and applications (both open source and proprietary). Zimbra is open source in order to leverage the collective talent of the greater community, and to ensure investment protection for Zimbra partners and end-users. This has been added to the tools msection of Research Resources Subject Tracer™ Information Blog.

How To Study - A Brief Guide
http://www.cse.buffalo.edu/~rapaport/howtostudy.html
A very good guide on How To Study including the following sections: 1) Introduction, 2) Manage your time, 3) Take notes in class & rewrite them at home, 4) Study hard subjects first & study in a quiet place, 5) Read texts actively & slowly, before & after class, 6) Do your homework, 7) Study for exams, 8) Take Exams, 9) Do research & write essays, 10) Do I really have to do all this?, and 11) Are there other websites that give study hints? This has been added to Student Research Resources Subject Tracer™ Information Blog.

Molecular BioSystems
http://www.rsc.org/Publishing/Journals/mb/index.asp
Molecular BioSystems publishes high-quality chemical biology research with a particular focus on the interface between chemistry and the -omic sciences and systems biology. Main research areas include: a) Chemical biology including small molecule probes of biological structure and activity, chemical genetics, enzymology, directed evolution, protein engineering and display technologies, b) Systems biology approaches including simulation and modelling, data manipulation, integration and analysis techniques, high-
throughput technologies, c) Proteomics and genomics approaches including structural and functional proteomics and genomics, spectroscopic and chromatographic techniques, chip-based technologies, array technologies and imaging techniques, d) Cellular processes including signalling pathways and mechanisms of signal transduction, molecular recognition and interactions, transport and secretion, cell-cycling and division, cell death, and e) Metabolism including bioenergetics and energy transfer, endogenous and exogenous metabolic processes, micro- and macrometabolism, metabolic control, metabonomics. This has been added to Biological Informatics Subject Tracer™ Information Blog.

**November 2005 Zillman Column - Elder Resources**

http://www.zillmancolumns.com/

The November 2005 Zillman Column is now available and is titled Elder Resources. This November column is a comprehensive listing of elder and senior resources on the World Wide Web. One of the fastest growing areas of the Internet, these resources will aid seniors and elders to improve their lifestyles with the very latest internet resources and sites! Download this excellent 15 page free .pdf (355KB) column today for your family use.

**Earth Science Picture of the Day**

http://epod.usra.edu/

Each day a different image or photograph is featured, with an accompanying caption, that deals with various topics in Earth Science. This is a very nice site that offers an abundance of excellent pictures covering all areas of the earth sciences. This has been added to Reference Resources Subject Tracer™ Information Blog.

**Awareness Watch™ Paper Review**

Geography Matters: Mapping Human Development and Digital Access by Stephanie A. Birdsall and William F. Birdsall

Policy circles have long made the assumption that information and communications technologies promote human development. In mapping the Human Development Index (HDI) against the Digital Access Index (DAI) we explore the statistical and spatial relationship between human development and digital access. The results suggest information and communications technologies may not play as strong a role in promoting human development as is usually asserted and that public policies might need to be centered more on human rather than digital capital.
Subject Tracer™ Information Blogs

Subject Tracer™ Information Blogs created and developed by the Virtual Private Library™ combine the best of the latest tools on the Internet. Using bots, blogs and news aggregators the Subject Tracer™ Information blogs generate RSS feeds with the latest sources to create a current information resource flow through niched subject tracers. I am proud to be the creator of the Internet’s first Subject Tracer™ Information Blogs:

Virtual Private Library™
http://www.VirtualPrivateLibrary.com/

Agriculture Resources
http://www.AgricultureResources.info/

Artificial Intelligence Resources
http://www.AIResources.info/

Astronomy Resources
http://www.AstronomyResources.info/

Auction Resources
http://www.AuctionResources.info/

Biological Informatics
http://www.BiologicalInformatics.info/

Bot Research
http://www.BotResearch.info/

Business Intelligence Resources
http://www.BIResources.info/

ChatterBots
http://www.ChatterBots.info/

Data Mining Resources
http://www.DataMiningResources.info/

Deep Web Research
http://www.DeepWebResearch.info/

Directory Resources
http://www.DirectoryResources.info/
eCommerce Resources
http://eCommerceResources.info/

Elder Resources
http://www.ElderResources.info/

Employment Resources
http://www.EmploymentResources.info/

Entrepreneurial Resources
http://www_EntrepreneurialResources.info/

Financial Sources
http://www.FinancialSources.info/

Finding People
http://www.FindingPeople.info/

Games Resources
http://www.GamesResources.info/

Genealogy Resources
http://www.GenealogyResources.info/

Grant Resources
http://www.GrantResources.info/

Grid Resources
http://www.GridResources.info/

Healthcare Resources
http://www.HealthcareResources.info/

Information Futures Markets
http://www.InformationFutureMarkets.com/

Information Quality Resources
http://www.InformationQualityResources.info/

Internet Alerts
http://www.InternetAlerts.info/

Internet Demographics
http://www.InternetDemographics.info/
Tutorial Resources
http://www.TutorialResources.info/

World Wide Web Reference
http://www.WWWReference.info/

Figure 1 Virtual Private Library

Author Information: Marcus P. Zillman, M.S., A.M.H.A., Executive Director of the Virtual Private Library, is an international Internet expert, tutor, author, speaker and corporate consultant in the area of information retrieval, knowledge discovery, knowledge harvesting, artificial intelligence and bots/intelligent agents. He has created numerous world wide web sites including 45 Subject Tracer™ Information Portals and Blogs, written a number of internet miniguides and books, hosted over 160 weekly Internet television shows, written a weekly and monthly column on Current Awareness on the Internet and delivers keynote presentations throughout the international
marketplace. He also actively delivers one and two day workshops for key industry sectors displaying how the Internet can be used as a tool to maintain current awareness and professional competencies.

Additional websites by Marcus P. Zillman, M.S., A.M.H.A.:

Marcus P. Zillman's Blog
http://www.zillman.us/

Marcus P. Zillman Abbreviated Bio
http://marcuszillman.blogspot.com/

White Papers by Marcus P. Zillman
http://www.WhitePaper.us/

Internet MiniGuides™ 2005
http://www.InternetMiniguide.com/

Awareness Watch™ Newsletter
http://www.AwarenessWatch.com/

Marcus P. Zillman's Columns
http://www.ZillmanColumns.com

eCurrent Awareness Resources™ 2005 Business Intelligence Report
http://www.eCurrentAwareness.com/

Internet Sources™ Manual
http://www.InternetSources.info/

Links By Marcus™
http://www.LinksByMarcus.com/

Workshops By Marcus™
http://www.WorkshopsByMarcus.com/

SourceSeries Internet Research Workshops

Watch Marcus™
http://www.WatchMarcus.com/
Research White Papers, Articles, Lectures and Speeches by Marcus P. Zillman, M.S., A.M.H.A.:

Academic and Scholar Search Engines and Sources

Bots, Blogs and News Aggregators
http://www.BotsBlogs.com/

Business Intelligence Online Resources
http://zillman.blogspot.com/2005/04/business-intelligence-online-resources.html

Current Awareness Discovery Tools on the Internet

Deep Web Research 2005 Article - LLRX

Healthcare Bots and Subject Directories

Information Detective – Online Streaming Tutorial Videos
http://www.InformationDetective.com/

Knowledge Discovery Resources 2005

Lectures and Speeches by Marcus P. Zillman, M.S., A.M.H.A.
http://snipurl.com/57jp

Online Research Browsers
http://zillman.blogspot.com/2004/10/online-research-browsers-internet.html

Online Research Tools
http://zillman.blogspot.com/2004/09/online-research-tools.html

Online Social Networking
Searching the Internet
http://www.SearchingTheInternet.info/

Using the Internet As a Dynamic Resource Tool for Knowledge Discovery

Web Data Extractors

White Papers By Marcus P. Zillman, M.S., A.M.H.A.
http://www.WhitePapers.us/

Internet Tutor by Marcus P. Zillman, M.S., A.M.H.A.
http://www.InternetTutor.info/
Visit this site to learn about the availability of Marcus P. Zillman to tutor you or your associate one on one in the privacy of your residence or office on the latest happenings of the Internet including Internet basics to advanced Internet searching using bots and creating your own personal blog

Internet Speaking by Marcus P. Zillman, M.S., A.M.H.A.
http://www.InternetSpeaker.net
Visit this site to learn about Marcus P. Zillman’s speaking engagements for your organization meetings and events. View and listen to his previous presentations as well as his weekly television shows

Internet Consulting by Marcus P. Zillman, M.S., A.M.H.A.
http://InternetConsultant.BlogSpot.com/
Visit this site to obtain information about obtaining the consultation services of Marcus P. Zillman for your company including eCommerce audits, utilization of bots, blogs and news aggregators or the creation of your own personal virtual private library powered by Subject Tracer™ Information bots!
Marcus P. Zillman’s latest 378 page manual Internet Sources™ is now available for purchase online and for immediate download. This book makes a great reference resource for the “newbie” to the Internet as well as the seasoned veteran “Internaut”. Visit the following site for additional information and online ordering fulfillment:

Internet Sources™ Manual
http://www.InternetSources.info

Marcus P. Zillman’s latest report eCurrent Awareness Resources 2005 is now available for purchase online and for immediate download. This report is a comprehensive listing of the latest resources, sources and sites for current awareness on the Internet. This is a must read for anyone who must stay current in their profession and/or business activity as the list of URLs will keep you at the leading edge of your career. Visit the following site for additional information and online ordering fulfillment:

eCurrent Awareness Resources 2005
http://www.eCurrentAwareness.com/