

# Awareness Watch™ Newsletter

By Marcus P. Zillman, M.S., A.M.H.A.

<http://www.AwarenessWatch.com/>

V7N4

April 2009

Welcome to the V7N4 April 2009 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/Article 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 **Grid, Distributed and Cloud Computing Resources**. These resources are also available at the following URL:

<http://www.GridResources.info/>

These resources are designed to be your private virtual library for the latest and greatest grid, distributed and cloud computing search engines, subject directories and resources that are currently available from the Internet. With the advent of faster and more powerful personal and enterprise computing, these resources are now becoming of paramount importance in the development of new and exciting ways that we can harness the power of grid, distributed and cloud computing in our business and personal lives! Very soon these resources will make a true difference in the way we use the Internet and how computing applications will be used.



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<http://www.AwarenessWatch.com/>

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## **Grid, Distributed and Cloud Computing Resources:**

### **3TERA - Cloud Computing Platform**

<http://www.3tera.com/>

### **Access Grid Project**

<http://www.AccessGrid.org/>

### **Advanced Collaboration with the Access Grid**

<http://www.ariadne.ac.uk/issue42/daw/>

### **Amazon Elastic Computer Cloud (Amazon EC2)**

<http://aws.amazon.com/ec2/>

### **Apache Hadoop Core - Easily Write and Run Applications That Process Vast Amounts of Data**

<http://hadoop.apache.org/core/>

### **Artificial Intelligence Systems Distributed Computing Project**

<http://www.intelligencerealm.com/aisystem/system.php>

### **BioGRID**

<http://www.thebiogrid.org/>

### **BOINC - Open-Source Software for Volunteer Computing and Grid Computing**

<http://boinc.berkeley.edu/>

### **Building the Info Grid**

<http://www.ariadne.ac.uk/issue45/buildinginfogrid-rpt/>

### **caBIG™ - cancer Biomedical Informatics Grid**

<https://cabig.nci.nih.gov/workspaces/Architecture/caGrid/>

### **CenterGate Research Group LLC**

<http://www.centergate.com/>

### **CISS - Canadian Internetworked Scientific Supercomputer**

<http://www.cs.ualberta.ca/~ciss/>

### **Clean Energy Distributed Project**

<http://cleanenergy.harvard.edu/go/>

### **Climate Prediction**

<http://climateprediction.net/>



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**CloudBuddy - Your Virtual Desktop**

<http://www.mycloudbuddy.com/>

**Cloud Computing and Emerging IT Platforms: Vision, Hype, and Reality for Delivering Computing as the 5th Utility**

<http://www.gridbus.org/reports/CloudITPlatforms2008.pdf>

**Cloud Computing and High-Performance Computing**

<http://search.techrepublic.com.com/search/cloud+computing+and+high-performance+computing.html>

**Cloud Computing Expo**

<http://cloudcomputingexpo.com/>

**Cloud Computing Journal**

<http://cloudcomputing.sys-con.com/>

**Cloud Computing Resource Center**

<http://www.deitel.com/ResourceCenters/Programming/CloudComputing/tabid/3057/Default.aspx>

**Cloud Computing Resource, News and Support**

<http://www.dabcc.com/section.aspx?sectionid=12>

**Cloud Computing - Wikipedia**

[http://en.wikipedia.org/wiki/Cloud\\_computing](http://en.wikipedia.org/wiki/Cloud_computing)

**Cloudo - The Computer Evolved**

<http://www.cloudo.com/>

**CloudSim: A Novel Framework for Modeling and Simulation of Cloud Computing Infrastructures and Services by Rodrigo N. Calheiros<sup>1</sup>, Rajiv Ranjan<sup>1</sup>, César A. F. De Rose, and Rajkumar Buyya**

<http://www.gridbus.org/reports/CloudSim-ICPP2009.pdf>

**Cluster Computing: The Journal of Networks, Software Tools and Applications**

<http://www.springerlink.com/link.asp?id=101766>

**Cluster Resources**

<http://www.clusterresources.com/>

**Community Grids Lab**

<http://www.communitygrids.iu.edu/>



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**Condor Project - High Throughput Computing**

<http://www.cs.wisc.edu/condor/>

**Cosmogrid - Grid-enabled Computational Physics of Natural Phenomena**

<http://www.cosmogrid.ie/>

**D2OL - Drug Design and Optimization Lab - Discover Drug Candidates**

<http://www.d2ol.com/>

**DataMiningGrid Consortium**

<http://www.datamininggrid.org/>

**Deep Web Research**

<http://www.DeepWebResearch.info/>

**Digipede Technologies - Distributed Computing Solutions on Microsoft.NET Platform**

<http://www.digipede.net/>

**Distributed.net - Node Zero**

<http://www.distributed.net/>

**Distributed Computing Resources**

<http://www.jamesthornton.com/hotlist/distcomp.html>

**Distributed Generic Information Retrieval (DiGIR)**

<http://digir.sourceforge.net/>

**Distributed Search Engines**

<http://www.openp2p.com/pub/t/74>

**Distributed Systems - Google Code University**

<http://code.google.com/edu/parallel/index.html>

**Distributed Systems Laboratory at University of Chicago**

<http://dsl.cs.uchicago.edu/>

**Economy Grid (EcoGrid) Project**

<http://www.gridbus.org/~raj/ecogrid/>

**EGEE: Enabling Grids for E-science in Europe**

<http://egee-intranet.web.cern.ch/egee-intranet/gateway.html>



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**Einstein@Home Distributed Computing Research Project**  
<http://einstein.phys.uwm.edu/>

**EuroGRID**  
<http://www.eurogrid.org/>

**ExcelGrid**  
<http://www.gridbus.org/excelgrid/>

**eyeOS - Cloud Computing Operating System**  
<http://eyeos.org/>

**FightAIDS@Home Distributed Computing Research Project**  
<http://fightaidsathome.scripps.edu/>

**Folding@Home Distributed Computing**  
<http://folding.stanford.edu/>

**Force.com - Cloud Computing for the Enterprise**  
<http://www.Force.com/>

**Ganglia - Distributed Monitoring System for Clusters and Grids**  
<http://www.ganglia.info/>

**Genome@home**  
<http://www.stanford.edu/group/pandegroup/genome/>

**GGF Document Process - Final Documents (Global Grid Forum)**  
<http://www.ggf.org/documents/final.htm>

**GIS Working Group - Global Grid Forum Information Services Area Group Charter**  
<http://www-unix.mcs.anl.gov/gridforum/gis/>

**Google™ App Engine - Run Your Web Apps On Google's Infrastructure**  
<http://code.google.com/appengine/>

**Google™ Apps - Software-As-a-Service for Business Email, Information Sharing and Security**  
<http://www.google.com/apps/intl/en/business/index.html>

**Google™ Directory - Cloud Computing**  
<http://snipurl.com/ddrdr>



**Google™ Directory - Distributed Computing**  
<http://snipurl.com/8jv3>

**Google™ Directory - Parallel Computing**  
<http://snipurl.com/8jv6>

**GRACE - GRid seArch and Categorization Engine**  
<http://www.ub.uni-stuttgart.de/grace/>

**GRID.ORG™ - Grid Computing Projects**  
<http://www.grid.org/>

**Grid Application and Deployment Projects**  
<http://www-fp.mcs.anl.gov/~foster/grid-projects/>

**Grid Application Development Software Project (GrADS)**  
<http://hipersoft.cs.rice.edu/grads/>

**GridBlocks**  
<http://gridblocks.hip.fi/>

**GridCafe - The Place for Everybody To Learn About Grid Computing**  
<http://www.gridcafe.org/>

**Grid Computing - IEEE Distributed Systems Online**  
<http://dsonline.computer.org/gc/>

**Grid Computing Info Centre (GRID Infoware)**  
<http://www.gridcomputing.com/>

**Grid Computing Planet**  
<http://gridcomputingplanet.com/>

**Grid Forum**  
<http://www.gridforum.org/>

**GridIron™ XLR8™**  
<http://www.gridironsoftware.com/>

**GridLab: A Grid Application Toolkit and Testbed**  
<http://www.gridlab.org/>

**Grid Market Directory (GMD)**  
<http://www.gridbus.org/gmd/>



**Grid Markets Project**

<http://www.lesc.ic.ac.uk/markets/>

**GridMiner - Intelligent Grid Solutions**

<http://www.gridminer.org/>

**Grid Performance and Information Services (GGF)**

<http://www-didc.lbl.gov/GridPerf/>

**GridRepublic - Volunteer Computing**

<http://www.gridrepublic.org/>

**GridServer - Grid Computing for Business Critical Applications**

<http://www.datasynapse.com/>

**GridSim: A Grid Simulation Toolkit for Resource Modelling and Application Scheduling for Parallel and Distributed Computing**

<http://www.gridbus.org/gridsim/>

**GridSim Toolkit -- Resource Modeling and Scheduling Simulation**

<http://www.buyya.com/gridsim/>

**GRID'XY: IEEE/ACM Grid Computing International Workshop**

<http://www.gridcomputing.org/>

**GriPhyN - Grid Physics Network**

<http://www.griphyn.org/>

**Grub's Distributed Web Crawling Project**

<http://www.grub.org/>

**IBM Cloud Computing**

<http://www.ibm.com/ibm/cloud/>

**IEEE Distributed Systems Online**

<http://dsonline.computer.org/>

**IEEE Task Force on Cluster Computing**

<http://www.ieeetfcc.org/>

**Institute of Parallel and Distributed Systems (IPVS)**

<http://www.ipvs.uni-stuttgart.de/start/en>



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**Internet-based Distributed Computing Projects**

<http://distributedcomputing.info>

**IRIS: Infrastructure for Resilient Internet Systems**

<http://iris.lcs.mit.edu/>

**JCGrid Web (Java Grid Computing)**

<http://jcgrid.sourceforge.net/>

**Journal of Grid Computing**

<http://www.springerlink.com/link.asp?id=111140>

**JXTA Project**

<http://www.jxta.org/>

**Lawrence Berkeley National Laboratory - Above the Clouds: A Berkeley View of Cloud Computing**

<http://www.lbl.gov/CS/>

**LHC@home Distributed Computing Research Project**

<http://lhcathehome.cern.ch/>

**Manchester HEP Grid Working Group**

<http://www.hep.grid.ac.uk/grid/>

**Manjrasoft - Innovative Cloud and Grid Computing Technologies**

<http://www.manjrasoft.com/>

**Mersenne Prime Search**

<http://www.mersenne.org/>

**Microsoft Cloud Computing Tools**

<http://msdn.microsoft.com/en-us/vstudio/cc972640.aspx>

**Mithral - Client-Server Software Development Kit (CSSDK)**

<http://www.mithral.com/products/cs-sdk/>

**MoneyBee**

<http://uk.moneybee.net/>

**MusicGrid - A Case Study in Broadband Video Collaboration by Hassan Masum, Martin Brooks, and John Spence**

<http://firstmonday.org/htbin/cgiwrap/bin/ojs/index.php/fm/issue/view/184>



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**myGrid**

<http://www.mygrid.org.uk/>

**MyGrid - Open Source Grid and Grid Middleware**

<http://mygrid.sourceforge.net/>

**MysterNetworks - The Evolution of Peer-to-Peer**

<http://www.mysternetworks.com/>

**National Centre for eSocial Science (NCeSS)**

<http://www.ncess.ac.uk/>

**NetSolve GridSolve**

<http://icl.cs.utk.edu/netsolve/>

**Network World Fusion**

<http://www.nwfusion.com/>

**NeuroGrid - P2P Search**

<http://www.neurogrid.net/>

**NextGRID: Architecture for Next Generation Grids**

<http://www.nextgrid.org/>

**NMI-EDIT Consortium**

<http://www.nmi-edit.org/>

**NSF Middleware Initiative**

<http://www.nsf-middleware.org/>

**NVIDIA Tesla Personal Supercomputer**

[http://www.nvidia.com/object/personal\\_supercomputing.html](http://www.nvidia.com/object/personal_supercomputing.html)

**OGCE - Open Grid Computing Environments Collaboratory**

<http://www.ogce.org/>

**Open Cluster Group**

<http://www.openclustergroup.org/>

**Open Grid Forum - Applied Distributed Computing**

<http://www.ggf.org/>

**OpenP2P.com**

<http://www.openp2p.com/>



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**OpenSim - Open Grid Services**

<http://www.opensimulator.org/>

**Open Science Grid**

<http://www.opensciencegrid.org/>

**OSCAR : Open Source Cluster Application Ressources**

<http://www.csm.ornl.gov/oscar/>

**Parabon Computation - Internet Computing is Computing Outside the Box**

<http://www.parabon.com/>

**Parasitic Computing**

<http://www.nd.edu/~parasite/>

**Paremus - Redefining Enterprise Grid**

<http://www.paremus.com/>

**PCs Do Thousands of Years of Work By Jo Twist**

<http://news.bbc.co.uk/1/hi/sci/tech/4270241.stm>

**Peer to Peer Working Group - P2P WG - Internet2**

<http://p2p.internet2.edu/>

**PlanetLab**

<http://www.planet-lab.org/>

**Platform GRID Computing**

<http://www.platform.com/>

**Proteins@home Distributed Computing Research Project**

<http://biology.polytechnique.fr/proteinsathome/>

**Public Data Sets on AWS**

<http://aws.amazon.com/publicdatasets/>

**PVM: Parallel Virtual Machine**

<http://www.csm.ornl.gov/pvm/>

**QADPZ - Quite Advanced Distributed Parallel Zystem**

<http://qadpz.sourceforge.net/>

**Quadrics**

<http://www.quadrics.com/>



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**Reservoir - Infrastructure for Cloud Computing**

<http://www.reservoir-fp7.eu/>

**rPath - A Pragmatic, Incremental Approach to Cloud Computing**

[http://www.rpath.com/corp/cloud-adoption-model?pi\\_ad\\_id=2947665472&gclid=CLzfgpmhk5kCFQITswodsmUaZw](http://www.rpath.com/corp/cloud-adoption-model?pi_ad_id=2947665472&gclid=CLzfgpmhk5kCFQITswodsmUaZw)

**SETI@home: Search for Extraterrestrial Intelligence**

<http://setiathome.berkeley.edu/>

**SmartFrog - Smart Framework for Object Groups**

<http://www.hpl.hp.com/research/smartfrog/>

**Spinhenge@home Distributed Computing Research Project**

<http://spin.fh-bielefeld.de/>

**Sun Grid Engine -- Data Sheet**

<http://www.sun.com/software/gridware/datasheet.html>

**SZTAKI Desktop Grid**

<http://desktopgrid.hu/>

**TeraGrid**

<http://www.teragrid.org/>

**Terremark Worldwide - Game Changing Cloud Computing Solutions**

<http://snipurl.com/ddqp9>

**The Beowulf Cluster Site**

<http://www.beowulf.org/>

**The ChessBrain Network**

<http://www.chessbrain.net/>

**The Cloud, Cloud Computing, Cloud Hosting, and Cloud Services**

<http://www.mosso.com/>

**The DataGrid Project**

<http://eu-datagrid.web.cern.ch/>

**The Globus Alliance**

<http://www.globus.org/>



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**The GRIDS Lab and the Gridbus Project**

<http://www.gridbus.org/>

**The Open GRiD Project**

<http://www.ecsl.cs.sunysb.edu/~maxim/OpenGRiD/>

**The Semantic Grid**

<http://www.semanticgrid.org/>

**ThinkCycle - Open Distributed Collaborative Design**

<http://www.thinkcycle.org/>

**TOP500 Supercomputer Sites**

<http://www.top500.org/>

**UNICORE Distributed Computing and Data Resources**

<http://www.unicore.eu/>

**UPnP™ Forum**

<http://www.upnp.org/>

**University of Florida - OCEAN Project**

<http://www.cise.ufl.edu/research/ocean/>

**WaveMaker - Open Source Development Platform**

<http://www.WaveMaker.com/>

**Web Services Grid Application Framework (WS-GAF)**

<http://www.neresc.ac.uk/ws-gaf/>

**World Community Grid for Health Research**

<http://www.worldcommunitygrid.org>

**Worldwide Virtual Computer - Legion**

<http://www.cs.virginia.edu/~legion/>

**WS GRAM - Grid Resource Allocation and Management (GRAM)**

<http://www-unix.globus.org/toolkit/docs/3.2/gram/ws/>

**XtremWeb - Opensource Platform for Desktop Grids**

<http://www.XtremWeb.net>

**Yahoo! Directory Computer Science > Distributed Computing**

[http://dir.yahoo.com/Science/Computer\\_Science/Distributed\\_Computing/](http://dir.yahoo.com/Science/Computer_Science/Distributed_Computing/)



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## **ZDNet - Grid Resources**

<http://updates.zdnet.com/tags/grid.html>

## **Awareness Watch™ Spotters**

### **InfoBionics - Flexible Data Mining Applications**

<http://www.infobionics.com/>

The revolutionary Infobionics Knowledge Server™ empowers organizations to make more agile and strategic business decisions by extracting hidden meaning from data now trapped in rigid and disparate databases. The Infobionics Knowledge Server is the ideal platform for developing powerful and flexible knowledge mining applications, including business intelligence, predictive analysis and bioinformatics with less IT involvement. Other application areas that can leverage the Infobionics Knowledge Server are social networking, Web 2.0, supply chain management, and factory automation. This has been added to [Data Mining Resources](#) Subject Tracer™ Information Blog. This has been added to [Business Intelligence Resources](#) Subject Tracer™ Information Blog. This has been added to [Prediction Market Resources](#) Subject Tracer™ Information Blog. This has been added to [Biological Informatics](#) Subject Tracer™ Information Blog.

### **What It Costs - Everything Costs Something**

<http://www.whatitcosts.com/>

What It Costs is an online leader in providing information on the costs associated with a wide variety of services and concepts. Whether you want to know the price range of practical activities -- such as removing a tree stump from your yard, having your teeth whitened or joining a gym – or are interested in our more unusual articles – such as the cost of climbing the Seven Summits, joining the mile high club or cleaning up a murder scene – you will find all this and more on their website. Their experienced team of writers research and compile the latest information on these and a host of other timely topics and present the facts in a thorough and easy-to-read format. They also regularly add new content, so you will always find something new and exciting on their site. This has been added to [ShoppingBots and Online Shopping 2009](#) Subject Tracer™ Information Blog.

### **South East European Journal of Economics and Business (SEE)**

<http://www.efsa.unsa.ba/see>

School of Economics and Business in Sarajevo is the official publisher of South East European Journal of Economics and Business. The main objective is to establish and develop an indexed academic periodical focused on economics and business. It is very crucial for SEE Journal to be indexed in world's relevant databases. SEE Journal of Economics and Business is a research-oriented journal, which covers the disciplines of economics and business with a particular emphasis on economic issues of South East European countries. The Journal's audience gathers educators, students and practitioners



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from various business backgrounds, entrepreneurs, government officials and others from geographical area of South Eastern Europe. While other journals focus on particular disciplines of economics and business, SEE Journal focuses on specific geographical area of South Eastern Europe adopting multi-disciplinary approach. In this manner, SEE Journal welcomes cooperation with authors involved in wide range of research, focused on issues of SEE countries. SEE Journal of Economics and Business is published in English language two times a year.

### **Togaware - Data Mining Resources**

<http://datamining.togaware.com/>

Rattle is a free and open source data mining toolkit written in the statistical language R using the Gnome graphical interface. It runs under GNU/Linux, Macintosh OS X, and MS/Windows. Rattle is being used in business and for teaching data mining in Australia and internationally. The open source statistical programming language R (based on S) is in daily use in academia and in business and government. They use R for data mining within the Australian Taxation Office. Rattle is used by those wishing to interact with R through a GUI. R is memory based so that on 32bit CPUs you are limited to smaller datasets (perhaps 50,000 up to 100,000, depending on what you are doing). Deploying R on 64bit multiple CPU (AMD64) servers running GNU/Linux with 32GB of main memory provides a powerful platform for data mining. R is open source, thus providing assurance that there will always be the opportunity to fix and tune things that suit our specific needs, rather than rely on having to convince a vendor to fix or tune their product to suit our needs. Also, by being open source, we can be sure that the code will always be available, unlike some of the data mining products that have disappeared (e.g., IBM's Intelligent Miner). Open standards are important for users, but vendors resist them for obvious reasons, and would prefer to lock you in to their products. A number of commercial tools claim support of, for example, the open standard PMML for interoperability (sharing models between applications). But the support is patchy and not worth the effort. We have started a PMML effort in R to attempt to address the desire for interoperability. Specific commercial statistical products are excellent in handling very large datasets. But they are limited in the analytic algorithms they provide. Commercial vendors, naturally, need to be convinced of the usefulness of implementing new algorithms. On the other hand, a vast selection has been available for deployment in R for a long time. This has been added to [Data Mining Resources](#) Subject Tracer™ Information Blog.

### **Fanurio - Time Tracking Software for Freelancers**

<http://www.fanuriotimetracking.com/>

Fanurio is a time tracking and billing software application, highly appreciated by freelancers for its simple interface, flexible timer and ability to produce detailed invoices. Whether you need to round time, use multiple currencies or create invoices with your own layout, Fanurio has the right tools to help you get paid. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This has been added to [Entrepreneurial Resources](#) Subject Tracer™ Information Blog.



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### **ProPublica - Investigative Journalism In the Public Interest**

<http://www.propublica.org/>

ProPublica is an independent, non-profit newsroom that produces investigative journalism in the public interest. Their work focuses exclusively on truly important stories, stories with “moral force.” They do this by producing journalism that shines a light on exploitation of the weak by the strong and on the failures of those with power to vindicate the trust placed in them. ProPublica is led by Paul Steiger, the former managing editor of The Wall Street Journal. Stephen Engelberg, a former managing editor of The Oregonian, Portland, Oregon and former investigative editor of The New York Times, is ProPublica’s managing editor. Lead funding for this effort is being provided by the Sandler Foundation, with Herbert Sandler serving as Chairman of ProPublica; other leading philanthropies also providing important support. A Board of Directors and a Journalism Advisory Board have also been formed. This has been added to [Research Resources](#) Subject Tracer™ Information Blog. This has been added to [Business Intelligence Resources](#) Subject Tracer™ Information Blog.

### **International Journal of Social Robotics**

<http://www.springer.com/engineering/robotics/journal/12369>

This journal is a periodic publication which consolidates high impact contributions from researchers and developers in the field of social robotics, offering readers a holistic view of this emerging industry. Its purpose is manifold. On the one hand, it serves as a unified publication and guide from which students, engineers and researchers new to the field will be able to obtain a quick introduction and overview of the latest developments in all aspects of Social Robotics. On the other hand, it is a unified platform for established researchers to publish relevant work and where healthy discussions and information /result sharing can take place, to further spur the advancements of social robotics as a field. The potential market includes students (undergraduates and postgraduates), mechanical, electrical, and computer engineers/scientists, robo-ethicists, social scientists, university researchers, commercial companies (e.g. in the toy and entertainment industries), amongst many others.

### **Twitter Search - See What Is Happening Right Now**

<http://search.twitter.com/>

Keeping up with interesting news and people you care about is one dimension of Twitter, but what if you need to find out what’s happening in the world beyond your personal timeline? There is an undeniable need to search, filter, and otherwise interact with the volumes of news and information being transmitted to Twitter every second. Twitter Search helps you filter all the real-time information coursing through their service. Craft your queries using their many advanced search operators. You can also use the advanced search page to easily incorporate search operators in your queries. All search results are available via standard Atom and JSON feeds, for use in your readers and mashups. Proceed to their Search API docs for complete details. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This has been added to [Business Intelligence Resources](#) Subject Tracer™ Information Blog.



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## **Trackle - Your Personal Tracker On the Web**

<http://www.trackle.com/>

Trackle is a new service that tracks all of your personalized information on the Web, all in one place. Offering the industry's most comprehensive index of popularly tracked categories, Trackle keeps tabs on everything in your life, from local, to social to shopping. The service is built with advanced algorithms that provide a layer of intelligence to the tracking process - ensuring timely and relevant results. Users get automatically notified over the Web, email or SMS whenever Trackle finds a match. Trackle is built on top of a robust tracking platform, designed to offer a wide range of tracking services. The service is completely free, secure and privacy compliant. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This has been added to [Business Intelligence Resources](#) Subject Tracer™ Information Blog. This has been added to [Entrepreneurial Resources](#) Subject Tracer™ Information Blog. This will be added to [Current Awareness Alerts, Monitors and Information Traps](#) Internet MiniGuide.

## **SocialMedian - The News Filtered By Your Social Network Contacts**

<http://www.socialmedian.com/>

Imagine if your social networking contacts could guide you to the most important information you need to know for your job, your interests and your passions. The news, filtered by your network. Tracking 3,053,746 stories from 21,726 sources, filtered by your network. 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.

## **Journal of Nano Education**

<http://www.aspbs.com/jne/>

The Journal of Nano Education (JNE) is a peer-reviewed international journal that aims to provide the most complete and reliable source of information on current developments in nanoscale science, technology, engineering, and medical education. JNE publishes a comprehensive range of articles including topics in the following areas:

- \* Nanoscale science, technology, engineering, and medical education at the K-12, undergraduate and graduate levels (formal and informal, including public outreach and dissemination activities);
- \* K-12 science teacher education and professional development;
- \* Scientific and technological literacy/public understanding of nanoscale science, technology, engineering, and medicine;
- \* Curriculum development and assessment;
- \* Social and ethical issues associated with nanoscale science, technology, engineering,



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and medical research;

- \* Workforce preparation (professional and vocational);
- \* National and state science standards and their relationships to the goals of nanoeducation initiatives worldwide;
- \* Current nanoscale science, technology, engineering, and medical education research;
- \* Other pertinent areas of interest to nanoscale science, technology, engineering, and medical researchers & educators. JNE also will serve as a forum for commentary and debate on related issues.

JNE welcomes various types of manuscripts for review and publication consideration, including those utilizing philosophical/theoretical, socio-historical, ethnographic, experimental, quasi-experimental, case study, survey, quantitative, qualitative, or mixed-method approaches.

### **Haystack Group - Research On Information Access, Analysis, Management and Distribution**

<http://groups.csail.mit.edu/haystack/index.html>

Their goal is to make it easier for people to collect, organize, find, visualize, and share their information. One of the biggest obstacles to such information management is the rigid, centrally-planned information models and user interfaces of existing applications and web sites. The data people use in the real world is rarely so well-formed. It is full of exceptions and idiosyncrasies. Their group develops tools for the web and desktop that can flex to hold and present whatever information a user considers important, in whatever way the user considers most effective. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This has been added to the resource section of [Manage Information Overload](#).

### **Vivisimo Bio Meta Cluster**

<http://demos.vivisimo.com/projects/BioMed>

Type a query and Vivisimo will send your request to the PubMed, Harrison's Online, MerckManual and TRIPDatabase search engines and parse and cluster the search results. The resulting left-side folders are made automatically from the returned titles and summaries. Clustering makes use of a proprietary General-Science and Biomedical knowledge base of synonyms, acronyms, spelling variants, and other meaning associations which help to interpret the search results. This has been added to [Healthcare Resources](#) Subject Tracer™ Information Blog. This has been added to [Biological Informatics](#) Subject Tracer™ Information Blog. This has been added to [eHealthcareBot](#).



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### **SenseBot - Semantic Search Engine Discovering Sense On the Web**

<http://www.sensebot.net/>

SenseBot (Beta) is a semantic search engine that generates a text summary of multiple Web pages on the topic of your search query. It uses text mining and multidocument summarization to extract sense from Web pages and present it to the user in a coherent manner. A "Semantic Cloud" of concepts is displayed above the summary, allowing to steer the focus of the results. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This has been added to the semantic web research section of [Deep Web Research](#) Subject Tracer™ Information Blog.

### **Journal of Business Market Management (JMB)**

<http://www.jbm-online.net/>

Journal of Business Market Management (JMB) explores all facets of business-to-business marketing, industrial market management and marketing of business services. That includes the areas of technical and commercial sales management but also industrial supply and business buying behaviour. Offering a combination of conceptual papers, empirical research analyses, and case study articles the journal represents a valuable knowledge source and contributes to a better understanding of business market activities. JMB is always keen to receive original articles of theoretical concepts and empirical research, as well as state-of-the-art surveys in the fields of business-to-business marketing, industrial marketing, industrial market management and business market management. Content in English.

### **The Casual Collective - Social Gaming and Casual Networking**

<http://www.casualcollective.com/>

The Casual Collective allows you to: a) Play multi-player games with more options, more players and with other members; b) Earn awards and credits as you play; c) Save your score and in-game progress; d) Unlock extra levels and bonus content; and e) Join and create groups, create a custom profile, design a sweet looking avatar, access the chat, discuss the meaning of life on the forums, listen to CCRadio. This has been added to [Games Resources](#) Subject Tracer™ Information Blog. This has been added to [Social Informatics](#) Subject Tracer™ Information Blog.

### **Patch - Local Community News, Businesses, and Events**

<http://www.patch.com/>

Patch is a new way to find out about, and participate in, what's going on near you. They are a community-specific news and information platform dedicated to providing comprehensive and trusted local coverage for individual towns and communities. They want to make your life better by giving you quick access to the information that's most relevant to you. Patch makes it easy to: a) Keep up with news and events; b) Look at photos and videos from around town; c) Learn about local businesses; d) Participate in discussions; and e) Submit your own announcements, photos, and reviews. This has been added to [Reference Resources](#) Subject Tracer™ Information Blog. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog.



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### **National Centre for Text Mining (NaCTeM)**

<http://www.nactem.ac.uk/>

The National Centre for Text Mining (NaCTeM) is the first publicly-funded text mining centre in the world. They provide text mining services in response to the requirements of the UK academic community. NaCTeM is operated by the University of Manchester with close collaboration with the University of Tokyo. On their website, you can find pointers to sources of information about text mining such as links to: a) text mining services provided by NaCTeM; b) software tools, both those developed by the NaCTeM team and by other text mining groups; c) seminars, general events, conferences and workshops; d) tutorials and demonstrations; and e) text mining publications. This has been added to [Data Mining Resources](#) Subject Tracer™ Information Blog.

### **International Journal of Mathematics and Computations (IJMC)**

<http://www.ceser.res.in/ijmc.html>

The main aim of the International Journal of Mathematics and Computations (IJMC) is to publish refereed, well-written original research articles, and studies that describe the latest research and developments in the area of mathematics and computations. This is a broad-based journal covering all branches of mathematics, computations and interdisciplinary research.

### **Intute Repository Search**

<http://www.intute.ac.uk/irs/>

Making it easy to access academic and research content ... There is a wealth of academic, educational and research information stored in a wide range of systems throughout the UK. Their aim is to increase the visibility of this information and make it readily accessible to academics, researchers, developers and associated organisations. As well as building on the best open-source search technology available such as Lucene, they are also exploring with leading edge search and personalisation technology providers. This is to develop a system that will allow advanced search and innovative access to the information, such as personalised alerts or repurposed content streams into other websites. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This will be added to [Academic and Scholar Search Engines and Sources](#) Annotated White Paper.

### **LLRX Featured Article - Knowledge Discovery Resources 2009**

<http://www.llrx.com/features/knowledgediscovery2009.htm>

[Marcus P. Zillman's](#) compilation is dedicated to the latest and most reliable resources for knowledge discovery available through the Internet. This wide ranging selection of resources provides specialized tools, applications and sources relevant to researchers from many disciplines. My Knowledge Discovery Resources 2009 annotated guide was the featured article in the February 21, 2009 LLRX.com . Additional resources for Knowledge Discovery are available at [Knowledge Discovery](#) Subject Tracer™ Information Blog.



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## **VADLO - BioMedical and Life Sciences Search Engine**

<http://vadlo.com/>

Vadlo is brought to you by two biology scientists who wish to make it easier to locate biology research related information on the web. Vadlo search engine caters to all branches of life sciences. VADLO allows users to search within five categories: Protocols, Online Tools, Seminars, Databases and Software. Protocols category will let you search for methods, techniques, assays, procedures, reagent recipes, plasmid maps, etc. Online Tools will cater calculators, servers, prediction tools, sequence alignment and manipulation tools, primer design etc. Seminars are essentially powerpoint files for presentations, lectures and talks. Databases will take you to, well, databases, resources, compilations, lists etc. It is here that you can also search for your favorite genes and proteins. Software category is for bioinformatics experts who are looking for codes, scripts, algorithms, executables, downloadable programs and collaborations. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This has been added to [Biological Informatics](#) Subject Tracer™ Information Blog. This has been added to [Healthcare Resources](#) Subject Tracer™ Information Blog. This has been added to [eHealthcareBot](#).

## **Twidox - Upload, Find and Share Quality Documents and Research**

<http://www.twidox.com/>

Twidox is a free, user generated online library of quality documents that allows individuals and organisations to easily publish, share and search for them, allowing people to share their knowledge and help others with their work, learning, teaching and research. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This has been added to [Knowledge Discovery](#) Subject Tracer™ Information Blog.

## **Nanoscience and Nanotechnology Letters (NNL)**

<http://www.aspbs.com/nnl/>

Nanoscience and Nanotechnology Letters (NNL) is a multidisciplinary peer-reviewed journal consolidating nanoscale research activities in all disciplines of science, engineering and medicine into a single and unique reference source. NNL provides the means for scientists, engineers, medical experts and technocrats to publish original short research articles as communications/letters of important new scientific and technological findings, encompassing the fundamental and applied research in all disciplines of the physical sciences, engineering and medicine.

## **OSF DataLossDB - Data Loss News, Statistics and Research**

<http://datalossdb.org/>

DataLossDB is a research project aimed at documenting known and reported data loss incidents world-wide. The effort is now a community one, and with the move to Open Security Foundation's DataLossDB.org, asks for contributions of new incidents and new data for existing incidents. This has been added to [Research Resources](#) Subject Tracer™



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Information Blog. This has been added to [Reference Resources](#) Subject Tracer™ Information Blog.

### **Updated> Academic and Scholar Search Engines and Sources Annotated White Paper**

<http://www.ScholarSearchEngines.com/>

I am very pleased to announce that my Internet MiniGuide Annotated Link Compilation White Paper titled "Academic and Scholar Search Engines and Sources" has been just updated and is now a 52 page research paper listing selected resources both new and existing that will help anyone who is attempting to find academic and scholarly information and knowledge available on the Internet. Each source is described along with the URL address than can be accessed. It is freely available as a .pdf file (1.37MB) at the above link from the [Virtual Private Library™](#) and authored by [Marcus P. Zillman, M.S., A.M.H.A.](#) [Update March 6, 2009]

### **Mednar - Innovative Medical Search**

<http://www.mednar.com/>

Mednar is a free, publicly available medical research site that uses advanced technology to return high quality results. Using state-of-the-art federated search technology from Deep Web Technologies, Mednar accelerates your research by returning the most relevant results from across the World Wide Web, including blogs, wikis, mainstream searches and deep web sources to one, easily navigable page. Each search is done in real-time, searching the sources you select as if you were entering the search term on each individual website yourself. Duplicates are removed, the results weighed for relevance and then ranked according to how closely it matches your search word or phrase. Clicking on any of the results will take you directly to the source website where you can view your information directly. Mednar Accelerates medical search by: a) Credible research sources- Each Mednar source is chosen for its outstanding contributions to the medical search world; b) Intuitive navigation tools- From topical clustering to sort options, Mednar offers you the best in navigation tools while keeping the site simple; c) Individual source selection- Mednar is truly a one-stop search site! Select the sources you wish to search on the advanced search page, or search them all; d) Advanced search features- Looking for a particular title or author? Perhaps a specific year? Mednar allows you to narrow your search by specifying exactly what you are looking for; e) Downloadable results- Email or download your selected results to a citation reader for easy reference offline; f) Five star ranking system- Mednar uses a state-of-the-art five star ranking algorithm to find the best result for the search, whether or not the source can rank results; and g) Automatic alerts- Now, repeat searches can automatically be sent to your email or RSS reader with Mednar alerts. This has been added to [Healthcare Resources](#) Subject Tracer™ Information Blog. This has been added to [Deep Web Research](#) Subject Tracer™ Information Blog.

### **PharmGKB: The Pharmacogenetics and Pharmacogenomics Knowledge Base**

<http://www.pharmgkb.org/>

PharmGKB curates information that establishes knowledge about the relationships among drugs, diseases and genes, including their variations and gene products. Our mission is to catalyze pharmacogenomics research. This has been added to [Healthcare Resources](#) Subject Tracer™ Information Blog. This has been added to [Biological Informatics](#) Subject Tracer™ Information Blog. This has been added to script code of [eHealthcareBot](#) Search Engine.

### **International Journal of Game Theory**

<http://www.springer.com/economics/economic+theory/journal/182>

International Journal of Game Theory is devoted to game theory and its applications. It publishes original research making significant contributions from a methodological, conceptual or mathematical point of view. Survey articles may also be considered if especially useful for the field.

### **DeepPeep - Discover the Hidden Web**

<http://www.deeppeep.org/>

DeepPeep is a search engine specialized in Web forms. The current beta version tracks 13,000 forms across 7 domains. DeepPeep helps you discover the entry points to content in Deep Web (aka Hidden Web) sites, including online databases and Web services. This search engine is designed to cater to the needs of casual Web users in search of online databases (e.g., to search for forms related to used cars), as well as expert users whose goal is to build applications that access hidden-Web information (e.g., to obtain forms in job domain that contain salary, or discover common attribute names in a domain). The development of DeepPeep has been funded by National Science Foundation award #0713637. This has been added to [Deep Web Research](#) Resources Subject Tracer™ Information Blog.

### **Welsh Repository Network**

<http://whelf.ac.uk/wrn/index.shtml>

The Welsh Repository Network is a project that has been funded by JISC to create a network of twelve repositories across Wales. Each higher education institution in Wales has been provided with the resources to purchase repository hardware or a hosted repository system along with support and assistance via the Repositories Support Project enabling them to operate effective institutional repositories. This project helps to address the Welsh Assembly Government's Reaching Higher objectives in respect of improving institutional efficiency, increasing capacity and encouraging collaboration, but also helps to make a significant contribution to the overall aims and objectives of the JISC Repositories and Preservation Programme. Case studies documenting the hardware choices made by each of the institutions will be published. The institutions in Wales vary greatly in size and specialism, and the case studies will allow the comparison of the systems chosen by each. This has been added to [Research Resources](#) Subject Tracer™



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Information Blog. This will be added to [Academic and Scholar Search Engines and Sources](#) Annotated White Paper Link Compilation.

### **Regulations.gov - Search**

<http://www.regulations.gov/search/index.jsp>

Regulations.gov is your source for all regulations (or rulemakings) issued by U.S. government agencies. On this site, you can find: a) All Federal regulations that are open for public comment (i.e., proposed rules) and closed for comment (i.e., final rules) as published in the Federal Register; b) Many Federal agency notices published in the Federal Register; and c) Additional supporting materials, public comments, and Federal agency guidance and adjudications. When you find a document, you can also submit comments through the web site on those documents that are open for public comment. After Congressional bills become laws, Federal Departments and Agencies are responsible for enforcing those laws through regulations. Departments and Agencies develop regulations through the Federal rulemaking process, most commonly through a notice-and-comment process. In general, Departments and Agencies publish proposed rules that are open for public comment, and after a specified timeframe, the Department or Agency publishes a final rule based on public comments and other information. Regulations.gov users can find Federal proposed and final rules published every business day by the National Archives and Records Administration (NARA) in the U.S. government's Federal Register, and submit comments through the web site to the Agencies on proposed rules that are open for public comment. The Regulations.gov web site also houses other types of federal information. In addition to Federal regulations, many Departments and Agencies use Regulations.gov to post other types of documents open for public comment, such as Agency significant guidance. Certain Federal agencies also allow the public to initiate an action by filing a submission via Regulations.gov. This has been added to [New Economy Alerts and Resources](#) Subject Tracer™ Information Blog. This will be added to [Academic and Scholar Search Engines and Sources](#) Annotated White Paper Link Compilation.

### **Open Biomarkers Journal**

<http://www.bentham.org/open/tobiomj/>

The Open Biomarkers Journal is an Open Access online journal, which publishes original full-length, short research articles and reviews on biomarkers in clinical, medical and pharmaceutical research. The coverage includes biomarkers of disease, new biomarkers, exposure to drugs, genetic effects, and applications of biomarkers. The Open Biomarkers Journal, a peer reviewed journal, aims to provide the most complete and reliable source of information on current developments in the field. The emphasis will be on publishing quality articles rapidly and freely available to researchers worldwide. This has been added to [Biological Informatics](#) Subject Tracer™ Information Blog.



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### **Science Tracer Bullet Series From Library of Congress**

<http://www.loc.gov/rr/scitech/tracer-bullets/tbs.html>

The Library of Congress SCIENCE TRACER BULLET SERIES contains research guides that help you locate information on science and technology subjects. With brief introductions to the topics, lists of resources and strategies for finding more, they help you to stay "on target." International Standard Serial Number (ISSN) 0090-5232. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This has been added to [Reference Resources](#) Subject Tracer™ Information Blog.

### **Mineralogy Database - Mineral Collecting, Localities, Mineral Photos and Data**

<http://www.Mindat.org/>

Mindat.org is the largest mineral database and mineralogical reference website on the internet. This site contains worldwide data on minerals, mineral collecting, mineral localities and other mineralogical information. This has been added to [Reference Resources](#) Subject Tracer™ Information blog.

### **The New Palgrave Dictionary of Economics Online**

<http://www.dictionaryofeconomics.com/>

The world's most extensive and authoritative economics reference resource. The New Palgrave Dictionary of Economics, 2nd edition, edited by Steven N. Durlauf and Lawrence E. Blume, contains over 1,850 articles by more than 1,500 of the world's leading economists. Find out more about the Dictionary, take a tour of the online edition, or browse a sample article. Their Resources section contains additional material to help you make the most of the Dictionary. This has been added to [Reference Resources](#) Subject Tracer™ Information Blog.

### **Journal of Chemical Biology (JOCB)**

<http://www.springer.com/chemistry/physical/journal/12154>

Chemical Biology is a novel interdisciplinary subject that is still evolving. Interpreting chemical biology as widely as possible, the Journal of Chemical Biology (JOCB) will be open towards the whole spectrum of physical sciences research if it is applied to foster biomedical research. This will include innovative theoretical and experimental approaches and tools being applied to elucidate biological problems. Chemical Biology is not a synonym for Biological Chemistry/Biochemistry, the latter being served by a plethora of life sciences journals, where well-established tools and techniques drawn from the physical sciences are employed to produce innovative biological research. The main acceptance criteria are therefore: the novelty/innovation in the physical sciences part of the presented interdisciplinary research and/or its application in biological research. Manuscripts are expected to convey their research in a fashion that allows both research communities to appreciate its significance and achievements. Thus, experts drawn from the life as well as the physical sciences background referee all manuscripts. The journal is keen to attract articles on novel innovations and discoveries in the physical sciences that can be applied in the cellular environment (in vivo). Important discoveries



that have not yet reached the necessary proof for their biological relevance will be presented as short communications. Reviews and opinion papers as well as articles and short communications that present original multidisciplinary research with a clear applicability towards the life sciences are welcome. Being an interdisciplinary journal they would like to encourage reviews on interdisciplinary subjects from authors affiliated with both disciplines as well as investigators affiliated in one discipline with the desire to become engaged in this new interdisciplinary research area. The Journal of Chemical Biology endeavors to create a platform for multidisciplinary physical scientists to publish their achievements, retrieve information, and exchange ideas, opinions and thoughts with the biomedical research community. The latter is addressed in the Journal of Chemical Biology Bulletin, which is published with each issue and will contain information that is relevant for the chemical biology research community. This includes book reviews, meeting reports and announcements as well as information on chemical biology studies and education.

### **Show Us the Data - The Most Wanted Federal Government Documents**

<http://www.showusthedata.org/>

Is the federal government putting the information you need online? Are there categories of unclassified documents or data that you know exist—on paper or in government computers and databases—that would be of value to the public if posted and regularly updated on an agency's Web site? If so, then help Open The Government and the Center for Democracy and Technology identify the 10 Most Wanted Government Documents, Reports or Data Sets that should be available on the Web. Use this site to tell them what data you want and who has it. This has been added to [New Economy Analytics, Resources and Alerts](#) Subject Tracer™ Information Blog.

### **FDI.net - Promoting Foreign Direct Investment in Emerging Markets**

<http://www.fdi.net/>

FDI.net is a unique web portal that offers free, on-demand country analysis and information on all things related to foreign direct investment in 175 countries. The site combines business and public resources with World Bank Group analysis to provide users with a single entry point for the full-spectrum of information needed to make a decision about investing in a foreign country. Over the past 10 years, MIGA has developed a suite of award-winning online services, providing some 75,000 users with information on investment in developing countries. FDI.net consolidates these services into one portal-www.fdi.net-offering information on specific investment opportunities; business and legal environments; up-to-the-minute feeds on news and events; links to investment promotion agencies and location consultants; quick-search by sector and/or country; case studies; sources of investment finance, and more. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This has been added to [Business Intelligence Resources](#) Subject Tracer™ Information Blog. This has been added to [Entrepreneurial Resources](#) Subject Tracer™ Information Blog.

### **All You Can Read - Massive Media Directory**

<http://www.allyoucanread.com/>

AllYouCanRead is a massive media directory of 22,800 local and international magazines and newspapers from all over the world. Over 200 countries are represented at AllYouCanRead.com. Their magazine and newspaper listings are categorized not only by their country of origin, but are also subcategorized by topic - be it art, business or travel. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This has been added to [Reference Resources](#) Subject Tracer™ Information Blog.

### **Journal of Interesting Negative Results in Natural Language Processing and Machine Learning (JINR)**

<http://jinr.site.uottawa.ca/>

Journal of Interesting Negative Results in Natural Language Processing and Machine Learning (JINR) will bring to the fore research in Natural Language Processing and Machine Learning that uncovers interesting negative results. It is becoming more and more obvious that the research community in general, and those who work NLP and ML in particular, are biased towards publishing successful ideas and experiments. Insofar as both our research areas focus on theories "proven" via empirical methods, we are sure to encounter ideas that fail at the experimental stage for unexpected, and often interesting, reasons. Much can be learned by analyzing why some ideas, while intuitive and plausible, do not work. The importance of counter-examples for disproving conjectures is already well known. Negative results may point to interesting and important open problems. Knowing directions that lead to dead-ends in research can help others avoid replicating paths that take them nowhere. This might accelerate progress or even break through walls! They propose this journal as a resource that gives a voice to negative results which stem from intuitive and justifiable ideas, proven wrong through thorough and well-conducted experiments. They also encourage the submission of short papers/communications presenting counter-examples to usually accepted conjectures or to published papers. The journal's scope encompasses all areas of Natural Language Processing and Machine Learning. Papers published in JINR will meet the highest quality standards, as measured by the originality and significance of the contribution. They will describe research with theoretical and practical significance. All theories and ideas will have to be clearly stated and justified by a deep literature review. Because of the nature of the journal, there should be good justification for trying out the ideas presented. The experiments reported should be shown in a manner that allows their reproduction. The negative results should be explained and justified, along with the reasons why the idea did not lead to the predicted results. The lessons learned should be clearly stated. This has been added to [Artificial Intelligence Resources](#) Subject Tracer™ Information Blog.



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## **WolframAlpha Computational Knowledge Engine - Trillions of Pieces of Curated Data and Millions of Lines of Algorithms**

<http://www.wolframalpha.com/>

The WolframAlpha Computational Knowledge Engine using one simple input field that gives access to a huge system that searches for trillions of pieces of curated data and millions of lines of algorithms. A new paradigm for using computers and the web. This is one to watch over the next several months! This has been added to [Research Resources](#) Subject Tracer™ Information Blog. This has been added to [Script Resources](#) Subject Tracer™ Information Blog. This has been added to [Bot Research](#) Resources Subject Tracer™ Information Blog.

## **Shmoop - Study Guides for Literature, U.S. History, Poems and Essays**

<http://www.shmoop.com/>

Shmoop wants to make you a better lover of literature, history, poetry and writing. See many sides to the argument. Find your writing groove. Understand how literature and history are relevant today. They want to show your brain a good time. Their mission: To make learning and writing more fun and relevant for students in the digital age. Shmoop content is written primarily by Ph.D. and Masters students from top universities, like Stanford, Berkeley, Harvard, and Yale. Many of our writers have taught at the high school and college levels. We hold ourselves to the highest academic standards. We source our work (see the "Citations" tab in each history section, or in-line citation links throughout our literature and poetry content). Teachers and students should feel confident to cite Shmoop as a source in essays and papers. Shmoop is currently a Beta Test. This has been added to [Student Research Resources](#) Subject Tracer™ Information Blog.

## **123People - Information On People Search Engine**

<http://www.123people.com/>

123people is a real time people search tool that looks into nearly every corner of the Web. Using their proprietary search algorithm, you can find comprehensive and centralized people related information consisting of images, videos, phone numbers, email addresses, social networking and Wikipedia profiles and much more. All of this rich media profile content is pulled from an extensive list of international as well as regional relevant sources. 123people is also a social activity that applies crowd wisdom. Users can add information to every single search result, giving it more relevance with details that are yet not found in the Internet. This takes the quality of people search to the next level. 123people launched in Europe by European-based IT and telecom incubator, i5invest. This has been added to [Finding People](#) Subject Tracer™ Information Blog. This has been added to [Social Informatics](#) Subject Tracer™ Information Blog.

## **International Journal of Applied Mathematics and Computation (IJAMC)**

<http://ijamc.psit.in/>

The International Journal of Applied Mathematics and Computation (IJAMC) is of interest to a wide audience of mathematicians, scientists and engineers concerned with the practical issues in computational mathematics. The IJAMC mainly publishes original

research papers that apply mathematical concepts, theories and methods to other subjects such as physics, chemistry, biology, computer science, information science, environmental science, etc. The aim of IJAMC is to report new developments in the field of Applied Mathematics and their applications in all fields. International Journal of Applied Mathematics and Computation will accept high-quality papers containing original research results and survey articles of exceptional merit.

### **ImpactWatch - Monitoring Made Simple**

<http://impactwatch.com/>

ImpactWatch gives you the power to monitor and measure all of your traditional and social media coverage in real-time from an easy-to-use online dashboard. From the New York Times to Engadget to Twitter, ImpactWatch allows you to know what is going on as it happens. ImpactWatch gives you the tools to: a) Streamline media monitoring with one platform for all media types; b) Customize news searches – reduce irrelevant results, add new issues as they happen; c) Archive all historical media coverage – follow trends over years, not weeks; d) Monitor the influence of company spokespeople, industry analysts, reporters and publications; e) Measure the effectiveness of PR campaigns by tracking sentiment analysis, message penetration and share of voice; and f) Share intelligence with daily briefing emails in customizable, professional templates. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This has been added to [Business Intelligence Resources](#) Subject Tracer™ Information Blog. This will be added to [Current Awareness Monitoring, Alerts and Information Traps for 2008](#).

### **RAND Corporation - Congressional Resources**

<http://www.rand.org/congress/>

RAND informs policymakers with research and analysis that is relevant to current Congressional agendas, providing knowledge that is trusted for its objectivity, comprehensiveness, and enduring value. This has been added to [New Economy Analytics, Resources and Alerts](#) Subject Tracer™ Information Blog.

### **CultureGrams - Concise, Reliable and Up To Date Reports on 200 Cultures**

<http://www.culturegrams.com/>

CultureGrams offers concise, reliable, and up-to-date reports on more than 200 countries, each U.S. state, and all 13 Canadian provinces and territories. They go beyond mere facts and figures to deliver an insider's perspective on daily life and culture, including the history, customs, and lifestyles of the world's people. CultureGrams products are published by ProQuest, a world leader in collecting, organizing, and publishing information worldwide for researchers, faculty, and students in libraries and schools. Since its beginnings in 1974, CultureGrams has become one of the most trusted and widely used cultural reference products in the education, government, and non-profit arenas. CultureGrams are available in a variety of print formats and electronic media. This has been added to [Reference Resources](#) Subject Tracer™ Information Blog. This has been added to [Student Research Resources](#) Subject Tracer™ Information Blog.



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## **PopPolitics**

<http://www.poppolitics.com/>

PopPolitics covers the convergence of politics and pop culture with smart cultural criticism, political analysis and reviews. Founded in 2000 as an online magazine, today PopPolitics is a group blog on current issues and events with a magazine section that continues to publish in-depth analysis. Writers should have an interest in and knowledge of popular culture, and should be able to discuss their subjects within a broad cultural context. In other words, reviews should offer more than a thumbs up or thumbs down critique.

## **Odeo - Search, Discover and Share Digital Media From Millions of Audio and Video Clips**

<http://www.odeo.com/>

Home to millions of audio & video episodes from thousands of podcasts and media sites across the web, Odeo.com is part search engine, part media directory, and part social network. Users can search & explore media channels covering just about any topic or area of interest – from automotive to technology, comedy to cooking, education to entertainment. With Odeo, it's easy to subscribe to channels and be alerted when new episodes are published, save favorites & create playlists to share with friends. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This has been added to [World Wide Web Reference](#) Subject Tracer™ Information Blog. This has been added to [Reference Resources](#) Subject Tracer™ Information Blog. This has been added to [Student Research Resources](#) Subject Tracer™ Information Blog.

## **Updated> Online Research Tools White Paper Link Compilation**

<http://www.OnlineResearchTools.info/>

The white paper link compilation *Online Research Tools* by [Marcus P. Zillman, M.S., A.M.H.A.](#) has been updated! It is a comprehensive listing of online research tools that offer various downloadable as well as web applications to allow you to do your research and searching on the Internet far more effective and productive. It is now a freely available 107 page .pdf document (2.20MB) that can be downloaded from the above URL. Other white papers and resources on information retrieval, information extraction and deep web research by Marcus P. Zillman, M.S., A.M.H.A. are available by clicking [here](#). The Online Research Tools White Paper Link Compilation was updated **March 16, 2009**.

## **NARCIS - The Gateway to Dutch Scientific Information**

<http://www.narcis.info/>

NARCIS provides access to 170,259 scientific publications, 3,051 data sets, and information on researchers (expertise), research projects and research institutes in the Netherlands. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This will be added to [Academic and Scholar Search Engines and Sources](#) Annotated White Paper.



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## **JURN - Search Free Scholarly eJournals in Art and Humanities**

<http://www.jurn.org/>

Search over 1800 free scholarly/intellectual ejournals in the arts & humanities. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This will be added to [Academic and Scholar Search Engines and Sources](#) Annotated White Paper.

## **Information Systems and E-Business Management (ISeB)**

<http://www.springer.com/business/business+information+systems/journal/10257>

Information Systems and e-Business Management (ISeB) focuses on the core tasks of information systems management; the conceptual analysis, design, and deployment of information systems; and all e-business related topics. The journal publishes novel research findings in information systems management and e-business that advance the field fundamentally and significantly. Published quarterly, this journal serves as a dynamic forum for both academics and practitioners in industry. These readers turn to ISeB to discover innovative research on all aspects of information systems management, including analytical, behavioral and technological perspectives.

## **Xstructure - arXiv Search**

<http://xstructure.inr.ac.ru/>

Xstructure searches the arXiv ePrint Archive from Cornell University which is an Open access database to 525,110 e-prints in Physics, Mathematics, Computer Science, Quantitative Biology, Quantitative Finance and Statistics. Among the features of Xstructure are: a) Automated generation of hierarchical classification scheme for the papers. The scheme results from classification of the papers in the arxiv database. The only input for the classification is the citation graph. The number of the levels in the hierarchy and the number of the clusters is determined by the algorithm. The algorithm creates the classification scheme, and indexes the papers by the created classification; b) The classification is used to index the new papers. We plan to rebuild the classification scheme regularly. In this way, we will take into account that appearance of new papers may lead to emergence of new themes. Detection of new themes is one of our objectives; c) A number of extra attributes (e.g. Theme name, Authority and Review Articles, etc.) for the elements (themes) of the classification (see Help); and d) Accessibility of the classification in response to search requests via display options, e.g., display as Tree of Themes, and Reference (Citation) Tree. About 10% of papers from arxiv are missed in their database. They are working to decrease this number. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This will be added to [Academic and Scholar Search Engines and Sources](#) Annotated White Paper.



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### **Centre for Agricultural Bioscience International (CABI)**

<http://www.cabi.org/>

CABI is a not-for-profit organization specialising in scientific publishing, research and communication. CABI improves people's lives worldwide by providing information and applying scientific expertise to solve problems in agriculture and the environment. This has been added to [Agriculture Resources](#) Subject Tracer™ Information Blog. This has been added to [Green Files](#) Subject Tracer™ Information Blog. This has been added to [Biological Informatics](#) Subject Tracer™ Information Blog.

### **Justia - Law & Legal Information for Lawyers, Students, Business and the Public**

<http://www.justia.com/>

Based in the heart of Silicon Valley, Justia is focused on making legal information, resources and services easy to find on the Internet. The company provides Internet users with free case law, codes, regulations, legal articles and legal blog databases, as well as community resources. Justia works with educational, public interest and other socially focused organizations to bring legal and consumer information to the online community. This has been added to [Research Resource](#) Subject Tracer™ Information Blog. This has been added to [Student Research Resources](#) Subject Tracer™ Information Blog. This has been added to [Reference Resources](#) Subject Tracer™ Information Blog.

### **International Review on Public and Nonprofit Marketing**

<http://www.springer.com/business/marketing/journal/12208>

The International Review of Public and Non Profit Marketing is an international scientific journal published twice a year both with Spanish and English written articles, related to wide knowledge field of public and non profit marketing. The main objective of the Review consists of its contribution to development and acknowledge of concerned study matters from an interdisciplinary perspective, as far as meeting place and referent for researchers interested on theoretical advances dealing with these subjects and, from a practical point of view, also interested on real problems and their solutions. Looking for this purpose, the establishment of a common language will improve the spreading of ideas by means of methods, procedures, results and experiences exchange between academics and professionals. In order to achieve purposed objectives related to different specialized working and research lines coming from public and non profit marketing, both scientific quality and expository clarity become indispensable requirements for dialogue, discussion and understanding of different contents. The International Review on Public and Nonprofit Marketing publishes articles and case reports as well as relevant doctoral thesis reviews and book reviews.

### **Healthy People Library Project - Your Guide To Health Resources**

<http://www.healthlit.org/>

Healthy People Library Project purpose is to provide libraries with resources for informing the public about health research, with the ultimate goal of enabling people to make healthier choices from advances that emerge from the research. This has been added to [Healthcare Resources](#) Subject Tracer™ Information Blog.

### **BOINC - Open-Source Software for Volunteer Computing and Grid Computing**

<http://boinc.berkeley.edu/>

Use the idle time on your computer (Windows, Mac, or Linux) to cure diseases, study global warming, discover pulsars, and do many other types of scientific research. It's safe, secure, and easy: 1) Choose projects, 2) Download and run BOINC software, and 3) Enter an email address and password. Or, if you run several projects, try an account manager such as GridRepublic or BAM!. Scientists can use BOINC to create a volunteer computing project giving you the computing power of thousands of CPUs. Universities can use BOINC to create a Virtual Campus Supercomputing Center. Companies can use BOINC for desktop Grid computing. This has been added to [Grid, Distributed and Cloud Computing Resources](#) Subject Tracer™ Information Blog.

### **The Why Files - The Science Behind the News**

<http://whyfiles.org/>

The mission of The Why Files is to explore the science, math and technology behind the news of the day, and to present those topics in a clear, accessible and accurate manner. They are based at the University of Wisconsin-Madison, but The Why Files covers science at all institutions that engage in scientific exploration and discovery. They hope this information will help explain the relationship between science and daily life. The Why Files produces a new story each week, alternating longer features with shorter shorties. They also post a biweekly column by science reporter Tom Siegfried, a series of interactive science animations, the ever-popular "Cool Science Images," and a series of Teacher Activity Pages linked to the national science standards. This has been added to [Student Research Resources](#) Subject Tracer™ Information Blog.

### **Journal of Scientific Conference Proceedings (JCP)**

<http://www.aspbs.com/jcp/>

Journal of Scientific Conference Proceedings (JCP) is an international journal with a very wide ranging coverage, consolidates research activities from scientific meetings in all areas of (i) Physical Sciences, (ii) Biological Sciences, (iii) Mathematical Sciences, (iv) Engineering, (v) Computer and Information Sciences, and (vi) Geosciences. The journal will publish research articles and communications consolidated from scientific meetings in all research fields.



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### **FORA.tv - Videos On People, Issues and Ideas Changing the Planet**

<http://fora.tv/>

FORA.tv helps intelligent, engaged audiences get smart. Their users find, enjoy, and share videos about the people, issues, and ideas changing the world. They gather the web's largest collection of unmediated video drawn from live events, lectures, and debates going on all the time at the world's top universities, think tanks and conferences. They present this provocative, big-idea content for anyone to watch, interact with, and share --when, where, and how they want. With their community of savvy users and an extensive, growing library of smart videos, FORA.tv is at the forefront of the ongoing integration - and transformation – of the traditional media, TV, cable, and online industries from mass-market to high-quality, high-value content. FORA.tv was founded in 2005 and is funded by a select group of investors including William R. Hearst III and Adobe Ventures. This has been added to [Research Resources](#) Subject Tracer™ Information Blog. This has been added to [Business Intelligence Resources](#) Subject Tracer™ Information Blog. This has been added to [New Economy Analytics, Resources and Alerts](#) Subject Tracer™ Information Blog. This has been added to [Green Files](#) Subject Tracer™ Information Blog.

### **FedSpending.org - A Project of OMB Watch**

<http://www.fedspending.org/>

The purpose of the FedSpending.org database is to give journalists, analysts, government officials, and regular citizens easy access to information on federal spending. Broader access to this information should foster the development of a better informed, active citizenry that has more power to hold elected officials accountable. FedSpending.org is limited to information contained within the [FPDS](#) and [FAADS](#) government databases (See [here](#) for data that is not included on FedSpending.org). This has been added to [New Economy Analytics, Resources, and Alerts](#) Subject Tracer™ Information Blog.

### **Infopackets - Tech News Daily**

<http://www.infopackets.com/>

Infopackets is a popular online tech publication that delivers original, fresh, daily content based on MS Windows, Internet, and technology trends to an army of 250,000+ computer enthusiasts world-wide. The goal of infopackets is to provide computer users of all skill levels with timely and well-sourced information based on MS Windows, Internet, and technology trends. This has been added to [Tutorial Resources](#) Subject Tracer™ Information Blog. This has been added to [World Wide Web Reference](#) Subject Tracer™ Information Blog. This has been added to [Reference Resources](#) Subject Tracer™ Information Blog.



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### **Asian Journal of Research in Chemistry (AJRC)**

<http://www.ajrconline.org/>

Asian Journal of Research in Chemistry (AJRC) is an international, peer-reviewed journal devoted to pure and applied chemistry. The aim of AJRC is to increase the impact of research both in academia and industry, with strong emphasis on quality and originality. AJRC publishes Original Research Articles, Short Communications, Review Articles in all aspects of chemistry. Topics covered including the traditional areas of analytical, inorganic, organic, biochemistry, forensic, physical-theoretical chemistry as well as newer interdisciplinary areas such as agriculture, materials science, computational, medicine, spectroscopy, polymers, supramolecular, surface, chemical physics, biological, medicinal/ drugs, environmental and pharmaceutical chemistry.

### **YourFonts - Free Online Handwriting and OpenType Font Generator**

<http://www.yourfonts.com/>

YourFonts.com is a free online font generator that allows you to create your own OpenType fonts within a couple of minutes. Go make your own handwriting as a font! Features include: 1) Your own handwriting turned into your very own font for free; 2) Optionally include your signature; 3) You'll have your very own font within 15 minutes; 4) Make as many fonts as you like; 5) Use your fonts on Windows, Mac OS X and Linux; 6) Personalize your digital scrapbook pages; 7) Make your own "family handwriting history"; and 8) Use your fonts in Microsoft Word, PowerPoint and every program that you own. YourFonts allows you to upload large templates (up to 4000 x 5000 pixels) and it has the most advanced raster to vector conversion algorithm. Together this results in unbeatable high quality personal fonts. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog.

### **The SSD Project - EFF Surveillance Self-Defense Project**

<https://ssd.eff.org/>

The Electronic Frontier Foundation (EFF) has created this Surveillance Self-Defense site to educate the American public about the law and technology of government surveillance in the United States, providing the information and tools necessary to evaluate the threat of surveillance and take appropriate steps to defend against it. Surveillance Self-Defense (SSD) exists to answer two main questions: What can the government legally do to spy on your computer data and communications? And what can you legally do to protect yourself against such spying? This has been added to [Privacy Resources](#) Subject Tracer™ Information Blog.

### **Wix Free Flash Website Builder and Flash MySpace Layouts**

<http://www.wix.com/>

Create a Free Flash Website with Wix Flash website builder ... whether it's for business or personal, music or art - it's as simple as making presentation slides. Design your MySpace, Your Way with free MySpace layouts, 1000+ fully Flash layouts, tons of free media items, glitters, visual effects and more. This has been added to the tools section of



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[Research Resources](#) Subject Tracer™ Information Blog. This has been added to [World Wide Web Reference](#) Subject Tracer™ Information Blog.

### **Journal of Great Lakes Research**

<http://www.iaglr.org/jglr/journal.php>

The official Journal of the International Association for Great Lakes Research. The Journal of Great Lakes Research is multidisciplinary in its coverage, publishing manuscripts on a wide range of theoretical and applied topics in the fields of biology, chemistry, physics, and geology of the large lakes of the world and their watersheds. They also welcome contributions on saline lakes. Research on estuarine waters may be considered if the results have application to large lakes. Large lakes generally are considered as those lakes which have a mean surface area of >500 km<sup>2</sup> (see Herdendorf, C.E. 1982. Large lakes of the world. J. Great Lakes Res. 8:379-412, for examples), although smaller lakes may be considered, including very deep lakes.

### **Newssift - Next Generation Vertical Business News Search Tool**

<http://www.newssift.com/>

Newssift is a unique search tool for business professionals offering access to a comprehensive database, indexing millions of articles from thousands of global business news sources. A next generation vertical search tool, searches are based on meaning and relationships, moving beyond traditional keyword search. Newssift is from FT Search Inc., an independent entity within the Financial Times Group. Qualitative news is a powerful determinant affecting stock prices and corporate reputations. However, this type of news has been difficult to search and nearly impossible to analyze through keyword searches alone. This tool offers business professionals deeply qualitative business news and more relevant results that cut out the commercial clutter found with typical keyword search. Newssift.com offers a better way to view the qualitative news, trends, and opinions that shape business. Newssift streamlines the process of search and search refinement to help users become more informed. Moving beyond simple keyword search, Newssift offers search based on meaning, relationships and business themes. Content is aggregated and annotated by editors to ensure relevant and deep analysis of global business news. Newssift allows you to know before you go. Newssift users are business decision makers seeking deep and qualitative business including analysts, investors, academia, marketing and advertising executives, public/investor relations professionals, small business owners, entrepreneurs and private investors. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This has been added to [Business Intelligence Resources](#) Subject Tracer™ Information Blog. This has been added to [Entrepreneurial Resources](#) Subject Tracer™ Information Blog. This has been added to [Reference Resources](#) Subject Tracer™ Information Blog.



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### **LLRX Featured Article: New Economy Analytics, Resources and Alerts**

<http://www.llrx.com/features/neweconomyanalytics.htm>

My New Economy Analytics, Resources and Alerts Subject Tracer™ Information Blog content was the feature publication in the March 18, 2009 LLRX publication which offers legal and technology articles and resources for librarians, lawyers and law firms. It is available by clicking on the above link or going directly to the continuously updated Subject Tracer™ by clicking [here](#).

### **AuseSearch - Searches Australian Open Access Research Repositories**

<http://www.google.com/coop/cse?cx=012189697858739272261:yyyqychcumo>

Searches all open access research repositories in Australia listed in Kennan & Kingsley (First Monday Feb 2009), in other words all full-text research articles and (if available) theses from repositories that responded to their survey. Created and maintained by Arthur Sale. This has been added to [Academic and Scholar Search Engine and Sources](#) Annotated White Paper. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog.

### **SURFfoundation - Collaborative Organisation for Higher Education Institutions and Research Institutes**

<http://www.surffoundation.nl/>

SURFfoundation is a partner in SURF, the collaborative organisation in which research universities, universities of applied sciences and research institutions aimed at innovative ICT facilities operate at a national and an international level. The collaboration within SURFfoundation is aimed at six focus areas. Each focus area is grouped around the knowledge and activities in the field, usually subdivided into specific themes. The themes also contain relevant news, publications, meetings and projects. The six areas include: 1) E-Learning, 2) Scholarly Communication, 3) Information Processes, 4) Identity Management, 5) Standardisation, and 6) Digital Rights. SURFfoundation is the initiator for innovation in higher education and research. SURFfoundation initiates, guides and stimulates ICT innovation through sharing knowledge and partnerships. This has been added to [Research Resources](#) Subject Tracer™ Information Blog.

### **International Journal of Medicine and Medical Sciences (IJMMS)**

<http://www.academicjournals.org/IJMMS/>

The International Journal of Medicine and Medical Sciences (IJMMS) provides rapid publication (monthly) of articles in all areas of Medicine and Medical Sciences such as:

Clinical Medicine:

Internal Medicine, Surgery, Clinical Cancer Research, Clinical Pharmacology, Dermatology, Gynaecology, Paediatrics, Neurology, Psychiatry, Otorhinolaryngology, Ophthalmology, Dentistry, Tropical Medicine, Biomedical Engineering, Clinical Cardiovascular Research, Clinical Endocrinology,



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Clinical Pathophysiology, Clinical Immunology and Immunopathology, Clinical Nutritional Research, Geriatrics and Sport Medicine

Basic Medical Sciences:

Biochemistry, Molecular Biology, Cellular Biology, Cytology, Genetics, Embryology, Developmental Biology, Radiobiology, Experimental Microbiology, Biophysics, Structural Research, Neurophysiology and Brain Research, Cardiovascular Research, Endocrinology, Physiology, Medical Microbiology

Experimental Medicine:

Experimental Cancer Research, Pathophysiology, Immunology, Immunopathology, Nutritional Research, Vitaminology and Ethology

Preventive Medicine:

Congenital Disorders, Mental Disorders, Psychosomatic Diseases, Addictive Diseases, Accidents, Cancer, Cardiovascular Diseases, Metabolic Disorders, Infectious Diseases, Diseases of Bones and Joints, Oral Preventive Medicine, Respiratory Diseases, Methods of Epidemiology and Other Preventive Medicine

Social Medicine:

Group Medicine, Social Paediatrics, Medico-Social Problems of the Youth, Medico-Social Problems of the Elderly, Rehabilitation, Human Ecology, Environmental Toxicology, Dietetics, Occupational Medicine, Pharmacology, Ergonomy, Health Education, Public Health and Health Services and Medical Statistics.

The Journal welcomes the submission of manuscripts that meet the general criteria of significance and scientific excellence. International Journal of Medicine and Medical Sciences is available free of charge as an Open Access journal on the Internet. Abstracts available online. Articles available in PDF format.

**iconPot - Totally Free Icons**

<http://www.iconpot.com/>

The aim of this site is simple. They list a whole bunch of icons which are all great to use for your web development projects. But they are different to other icon-related websites because they only list icons which you can use for free on personal AND commercial projects AND without having to provide back-links/credit to the author. These types of icons can be tough to find, so here is a while list for your convenience! Although these icons are all free, you are encouraged to donate to the author if they make this option available. This has been added to the tools section of [Research Resources](#) Subject



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Tracer™ Information Blog. This has been added to [World Wide Web Reference](#) Subject Tracer™ Information Blog.

#### **April 2009 Zillman Column - Biological Informatics Resources**

[http://columns.virtualprivatelibrary.net/Biological\\_Informatics\\_April09\\_Column.pdf](http://columns.virtualprivatelibrary.net/Biological_Informatics_April09_Column.pdf)

<http://www.zillmancolumns.com/>

<http://www.BiologicalInformatics.info/>

The April 2009 Zillman Column is now available and is titled **Biological Informatics Resources**. This April 2009 Zillman Column is a comprehensive list of resources and sites that give you the latest and most important information concerning biological informatics resources available over the Internet including biological informatics, health informatics, neuroinformatics, biodiversity informatics and biomolecular informatics resources. These resources and sources will help you to discover the many pathways available to you through the Internet for obtaining and locating biological informatics in today's rapidly changing biological global marketplace. This is a MUST information keeper for those concerned about the latest happenings in the biological information business and services environment! Download this excellent freely available 34 page .pdf (.98MB) column today!

#### **FSI Language Courses - Public Domain Language Courses**

<http://www.fsi-language-courses.com/>

fsi-language-courses.com is the home for language courses developed by the Foreign Service Institute. These courses were developed by the United States government and are in the public domain. This site is dedicated to making these language courses freely available in an electronic format. This site is not affiliated in any way with any government entity; it is an independent, non-profit effort to foster the learning of worldwide languages. Courses here are made available through the private efforts of individuals who are donating their time and resources to provide quality materials for language learning. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog.

#### **NextGov.com - Technology and the Business of Government**

<http://www.nextgov.com/>

Nextgov.com is part of the National Journal Group Inc. and the Atlantic Media Company. It is a spin off of Government Executive.com and provides coverage and commentary on the management of information technology in the federal government. From time to time, Nextgov and Government Executive.com will share content and collaborate on features and events. Nextgov.com provides news, interaction and research for government and contractor executives and managers in the information technology community. Their readers are high-ranking civilian and military officials who are responsible for providing IT support to those who defend the nation and carry out the many laws that define the government's role in our economy and society. Nextgov.com's essential editorial mission is to cover the IT and business processes that the federal government deploys to meet agency missions – dozens of which dwarf the largest institutions in the private sector.



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They aspire to serve the people who manage these huge agencies and programs in much the way that large consumer and business-to-business technology magazines serve private-sector managers. This has been added to [World Wide Web Reference](#) Subject Tracer™ Information Blog. This has been added to [New Economy Analytics, Resources and Alerts](#) Subject Tracer™ Information Blog.

### **JRSM: Journal of the Royal Society of Medicine**

<http://jrsm.rsmjournals.com/>

JRSM: Journal of the Royal Society of Medicine is a forum for debate, education and entertainment for health professionals interested in clinical medicine, as well as medical developments and research worldwide. The JRSM's prime responsibility is to its readers and its aim is to influence clinical practice and policy making across the medical world. Contributions to the JRSM reflect its international and multidisciplinary readership and include current thinking across a range of specialties

### **PDFVue - Edit, Annotate, and Share PDFs for Free**

<http://www.pdfvue.com/>

PDFVue is the first online PDF editing tool designed to annotate and markup PDF's for free. With PDFVue you can upload any document from any computer without having to have expensive client software. Once you've made your changes you can simply download the updated PDF or share the secure PDFVue link. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog.

### **ThinkCycle - Open Collaborative Design**

<http://www.thinkcycle.org/>

ThinkCycle is an academic, non-profit initiative engaged in supporting distributed collaboration towards design challenges facing underserved communities and the environment. ThinkCycle seeks to create a culture of open source design innovation, with ongoing collaboration among individuals, communities and organizations around the world. ThinkCycle provides a shared online space for designers, engineers, domain experts and stakeholders to discuss, exchange and construct ideas towards sustainable design solutions in critical problem domains. This has been added to [Research Resources](#) Subject Tracer™ Information Blog. This has been added to [Green Files](#) Subject Tracer™ Information Blog.

### **Open Grid Forum (OGF) - Applied Distributed Computing**

<http://www.ggf.org/>

OGF is an open community committed to driving the rapid evolution and adoption of applied distributed computing. Applied Distributed Computing is critical to developing new, innovative and scalable applications and infrastructures that are essential to productivity in the enterprise and within the science community. OGF accomplishes its work through open forums that build the community, explore trends, share best practices and consolidate these best practices into standards. This has been added to [Grid, Distributed and Cloud Computing Resources](#) Subject Tracer™ Information Blog.



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### **Cancer Biomarkers**

<http://www.iospress.nl/loadtop/load.php?isbn=15740153>

This is a new, separate, section of Disease Markers. Concentrating on molecular biomarkers in cancer research, the journal publishes original research findings (and reviews solicited by the Editor) on the subject of the identification of markers associated with the disease processes whether or not they are an integral part of the pathological lesion. The disease markers may include, but are not limited to, genomic, epigenomic, proteomics, cellular and morphologic, and genetic factors predisposing to the disease or indicating the occurrence of the disease. Manuscripts on these factors or biomarkers, either in altered forms, abnormal concentrations or with abnormal tissue distribution leading to disease causation will be accepted.

### **CustomGuide - Free Computer Training Quick References and Cheat Sheets**

[http://www.customguide.com/quick\\_references.htm](http://www.customguide.com/quick_references.htm)

Free quick reference and cheat sheets for computer software training and basic computer training. Freely available downloadable .pdf files covering much of the most used software currently available. This has been added to [Tutorial Resources](#) Subject Tracer™ Information Blog. This has been added to [World Wide Web Reference](#) Subject Tracer™ Information Blog.

### **True Knowledge Answer Engine**

<http://www.trueknowledge.com/>

The True Knowledge answer engine is a technology capable of answering questions put to it on any topic. True Knowledge is a pioneer in a new class of Internet search technology that's aimed at dramatically improving the experience of finding known facts on the Web. Their first service - the True Knowledge Answer Engine - is a major step toward fulfilling a longstanding Internet industry goal: providing consumers with instant answers to complex questions, with a single click. Picking up where search engines leave off, True Knowledge's path-breaking Answer Engine automates the laborious, time-consuming work that users generally must do to get final answers to their questions. True Knowledge does this by structuring data in a way that enables computers to work and think like humans do, drawing inferences and conclusions when needed to find the information that's requested. Another key differentiator: True Knowledge is tapping subject matter experts around the globe to build its information repository - bringing together the benefits of machine-driven automation and people-driven intelligence. Leading search engines, portals, and content sites all benefit from working with True Knowledge by providing users with more complete and immersive environments for finding information and with a more finely tuned approach to contextual advertising. With a Cambridge-UK-based business and technology team, True Knowledge debuted its service globally in 2009. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This has been added to [Internet Experts](#) Subject Tracer™ Information Blog.



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### **Culture Machine - Generating Research In Culture and Theory**

<http://www.culturemachine.net/index.php/cm>

Culture Machine is an international open-access journal of culture and theory, founded in 1999. Its aim is to be to cultural studies and cultural theory what 'fundamental research' is to the natural sciences: open-ended, non-goal orientated, exploratory and experimental. All contributions to the journal are peer-reviewed.

### **Google Agency Toolkit for Advertising**

<http://www.google.com/agencytoolkit/>

Google has created this site for advertising: your one-stop shop for Google tools to make your job a little easier. Build effective advertising programs, optimize your performance, and uncover market insights using the resources outlined here. And each of these free tools is easy to use, helping you to efficiently support your products and services. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This has been added to [eCommerce Resources](#) Subject Tracer™ Information Blog. This has been added to [Entrepreneurial Resources](#) Subject Tracer™ Information Blog.

### **Cloudo - The Computer Evolved**

<http://www.cloudo.com/>

Imagine a world where your computer wasn't tied to a physical computer, but rather a computer that lived on the Internet, instantly accessible from any computer or mobile phone connected to the Internet, no matter where you are or what you are up to. Cloudo offers just this. With Cloudo, every computer, in school, at work, at your friends' or even in the library becomes your own, free of charge computer. And with Cloudo Mobile your online computer is accessible from your mobile phone as well. Use Cloudo as your default computer, or use it side by side with your work or home computer. This has been added to [Grid, Distributed, Cloud Computing Resources](#) Subject Tracer™ Information Blog. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog.

### **Bureau of Economic Analysis (BEA) U.S. Department of Commerce**

<http://www.bea.gov/index.htm>

Bureau of Economic Analysis (BEA) strives to provide the most timely, relevant and accurate economic data to you, their users, to help promote a better understanding of the U.S. economy. These reliable and consistent measures of economic activity are essential to the informed decision making of policymakers, business leaders and every American household. The success of their statistical programs, in large part, is determined by the trust in the quality of their data. As one of the world's leading statistical agencies, they are dedicated to staying on the cutting edge of the economy. To help keep you informed on a number of non-statistical issues, their Director's Page provides a number of useful pieces of information. The 5-year BEA Strategic Plan is available for your review as well as a report card of their successes in meeting the over 200 annual milestones in the Plan. Information on the President's current budget request for BEA also is available. Congressional testimony related to BEA and its statistical programs will be included to



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keep you current on important topics being considered by Congress. Finally, other important reports and information can be found to keep you informed on ongoing activities and plans at BEA. This has been added to [New Economy Analytics, Resources and Alerts](#) Subject Tracer™ Information Blog.

### **Journal of Nanoneuroscience**

<http://www.aspbs.com/jns/>

Recent advances in nanomaterials indicates that the central nervous system (CNS) is susceptible to nanoparticle induced alterations leading to functional or structural alterations. This knowledge is currently disseminated in vast array of journals dealing with broad subject areas related to pharmacology, toxicology, neuroscience or nanosciences. Thus, there is an urgent need to collect all these diverse information related to nanoscience and brain function in one place using Journal of Nanoneuroscience for the benefit of the scientific community, researchers, health planners, health care providers, policy makers, environmentalists, biologists, chemists, and physicist in this emerging area of medical science. Journal of Nanoneuroscience will publish peer-reviewed original articles, reviews, commentary on the state of the art knowledge in any field mentioned above, brief communication, letters and comments on the articles published in the journal. The contents of the Journal of Nanoneuroscience are multidisciplinary dealing with all branches of neurosciences including neurochemistry, neurobiology, neurogenetics, neurophysiology, neuropathology, neuropharmacology, neuroprotection, neuroregeneration, neuroimmunology, neurosurgery, neuroanatomy, neurology, neuropsychiatry, neurorehabilitation, neurotrauma, neurooncology, neuroradiology, neuroepidemiology, neuroendocrinology, neurocytology, developmental neuroscience, cognitive neuroscience, neurotransmitters, molecular and cellular neuroscience, neuroelectronics, neural engineering, neurosensors, neuropharmaceutics, drug design and drug discovery, drug/alcohol effects, environment and health effects, computational and theoretical neuroscience, biotechnology, biomedicine and other research topics related to nanoscale neuroscience.

### **Photo Laboratory - Free Stock Photography**

<http://photl.com/en/>

Photo laboratory is the owner and distributor of one of the largest collection of exclusive free photos (Free Stock Photo Images) of high resolution for commercial purposes. All the photo images are subject to extended license on usage (Extended Royalty Free). They are absolutely free and are intended to be used in commercial activity. All the photo images can be used as a whole and also partially (their fragments). After a simple and quick registration (necessary for a better functioning of the resource) your account will be immediately activated and you will be granted with full access to their images. The allowed limit of downloading 45Mb of traffic per day, for this reason for a more complete usage of the photo image base please search the photos carefully and download the images you liked in the necessary size. If necessary you can take advantage of the function of search based on other colors. To perform this operation after you inserted the key word, choose the necessary color by pressing the rainbow button on the color palette

then start searching. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This has been added to [Reference Resources](#) Subject Tracer™ Information Blog. This has been added to [World Wide Web Reference](#) Subject Tracer™ Information Blog.

### **Media Cloud - Analyze and Visualize the Flow of the Media**

<http://www.mediacloud.org/>

Media Cloud is a system that lets you see the flow of the media. The Internet is fundamentally altering the way that news is produced and distributed, but there are few comprehensive approaches to understanding the nature of these changes. Media Cloud automatically builds an archive of news stories and blog posts from the web, applies language processing, and gives you ways to analyze and visualize the data. This is an open-source project, and we will be releasing all of the code soon. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog.

### **Functional Glycomics Gateway**

<http://www.functionalglycomics.org/>

This Gateway is a unique collaboration between the Consortium for Functional Glycomics(CFG) and Nature Publishing Group(NPG), providing a comprehensive resource for functional glycomics research. Use this site to stay up-to-date on glycomics news, request CFG resources, and search databases of glycan-binding proteins, glycan structures, and glycosyltransferases. This has ben added to [Biological Informatics](#) Subject Tracer™ Information Blog.

### **Mentor: An Academic Advising Journal**

<http://www.psu.edu/dus/mentor/>

The Mentor: An Academic Advising Journal is a free, Web-based scholarly publication about academic advising in higher education. The publication's goal is to provide a mechanism for the rapid dissemination of new ideas about advising and for ongoing discourse about advising issues. Toward this goal, articles in the journal are published continuously in a current issue in progress. Each article is archived three months after its date of publication. Archived articles are available online indefinitely. Although the journal encourages the submission of research-based articles, it is also interested in articles based on the theory and philosophy of academic advising, descriptions of exemplary practices in advising and innovative advising programs, summaries of conference presentations, and other concise forms of writing related to advising. In addition, the journal solicits responses to a monthly Advising Forum topic. Each monthly topic and the responses submitted by readers are archived at the end of the month.

### **OpenWith.org - Free Programs To Open Any File Extension**

<http://www.openwith.org/>

Have a file you don't know how to open? Think you need an expensive piece of software to open it? Chances are there is a great free program that's just as good as the expensive one, and you'll find it at this site. OpenWith.org provides detailed information about most



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file extension and links to free programs that can open and create each type of file. There are plenty of great programs out there that will cost you hundreds of dollars to do what you need. What you probably don't know is that there is usually free software that it just as good. You just don't know about it. OpenWith.org has one purpose ... To provide you with free programs to open any file extension. It's as simple as that. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This has been added to [World Wide Web Reference](#) Subject Tracer™ Information Blog.

### **KonoLive - Collaborative Task Management Application**

<http://www.konolive.com/>

Founded in 2005, 2Win-Solutions has gained expertise in developing Digital Document solutions through collaboration projects tailored to large accounts, such as The Israeli Judicial Authority, The Israeli Securities Authority, Mercantile Bank and 013Barak. Based on the success of these projects and the perceived need for improved collaboration capabilities for managing the process as well as getting things done, the company created a generic, intuitive and robust internet application for individuals and teams. This is KonoLive, the first instant collaboration application that is defining the future of knowledge sharing. A solution that improves the collaboration process and enables full digital media review and annotation for individuals and teams in any field. Areas covered include: a) Create and Manage Activities, b) Share and Collect Knowledge, and c) Boost and Enhance Productivity. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This has been added to [Entrepreneurial Resources](#) Subject Tracer™ Information Blog.

### **Agency for Healthcare Research and Quality Effective Health Care Program**

<http://effectivehealthcare.ahrq.gov/>

Patients, health care providers (including nurses, doctors and other clinicians), and policymakers all share an interest in making the best health decisions. One of the greatest challenges is finding reliable and practical data that can inform these decisions. The Effective Health Care Program is dedicated to fulfilling this need through high-quality research and getting that information to you, someone who needs to make health care decisions. The Effective Health Care Program follows three approaches to research in order to provide current, unbiased evidence on health care interventions: a) Review and synthesize published and unpublished scientific evidence; 2) Promote and generate new scientific evidence and analytic tools in an accelerated and practical format; and 3) Compile the findings and translate them into a variety of useful formats for stakeholders. This has been added to [Healthcare Resources](#) Subject Tracer™ Information Blog.

### **European Journal of Ageing (EJA)**

<http://www.springer.com/social+sciences/aging/journal/10433>

The interdisciplinary European Journal of Ageing: Social, Behavioural and Health Perspectives (EJA) is devoted to the understanding of ageing around the world. Coverage includes original articles on the social, behavioral and health-related aspects of ageing, encouraging an integrated approach among these aspects. The editors emphasize



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empirical research, including meta-analyses, but also consider conceptual papers, including narrative reviews, and methodological contributions. By stimulating communication between researchers and those using research findings, EJA aims to contribute to the formulation of better policies and the development of better practice in serving older adults. This has been added to [Elder Resources](#) Subject Tracer™ Information Blog.

### **HitWise - Competitive and Search Intelligence for Online Advertising and Search** <http://www.hitwise.com/>

Each day, Hitwise provides insights on how 10 million US Internet users interact with more than 1 million websites, across 165+ industries. Learn how to apply the Industry's most timely and robust competitive insights to your online branding, search marketing, content strategies and online partnerships. Features include: a) Optimize your Search Campaigns with Paid & Organic data; b) Uncover New and Returning visitors to competitors' websites; and c) Subscribing to their newsletter. This has been added to [World Wide Web Reference](#) Subject Tracer™ Information Blog. This has been added to [eCommerce Resources](#) Subject Tracer™ Information Blog. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This has been added to [Entrepreneurial Resources](#) Subject Tracer™ Information Blog. This has been added to [Business Intelligence Resources](#) Subject Tracer™ Information Blog.

### **CPE Genealogy Search**

<http://www.cpe.uchicago.edu/genealogy/>

The Center for Population Economics has made available to Genealogists the records of the Military, Pension, and Medical Records 1820-1940 dataset. The site is only available to Genealogist approved by the Center for Population Economics. Search the Military, Pension, and Medical Records 1820-1940 database and the U.S. Census 1850-1910 for family history research by entering information such as: a) Names of ancestors, their spouses, and their siblings; b) Dates of birth, marriage, death, and divorce; and c) The places (town, county, state or province, and country) where these events occurred. Their powerful search tools scour their data collections for information that's likely to be relevant to your search. Their search engine will automatically help you refine your search parameters to prevent seeing too many or too few names on your next search. This has been added to [Genealogy Resources](#) Subject Tracer™ Information Blog.

### **Benton Foundation - Using Technology and Innovation To Address Our Nation's Critical Challenges**

<http://www.benton.org/>

The mission of the Benton Foundation is to articulate a public interest vision for the digital age and to demonstrate the value of communications for solving social problems. The Benton Foundation works to ensure that media and telecommunications serve the public interest and enhance our democracy. They pursue this mission by seeking policy solutions that support the values of access, diversity and equity, and by demonstrating the value of media and telecommunications for improving the quality of life for all. This has



been added to [Research Resources](#) Subject Tracer™ Information Blog. This has been added to [New Economy Analytics, Resources and Alerts](#) Subject Tracer™ Information Blog.

### **International Entrepreneurship and Management Journal (IEMJ)**

<http://www.springer.com/business/entrepreneurship/journal/11365>

The International Entrepreneurship and Management Journal (IEMJ) provides a venue for high quality manuscripts dealing with entrepreneurship in its broadest sense and the management of entrepreneurial organizations. The editorial board encourages manuscripts that are international in scope; however, readers can also find papers investigating domestic issues with global relevance. IEMJ is dedicated to investigating entrepreneurship across a broad spectrum of organizations, from new ventures to family-owned businesses to large corporations. Manuscripts accepted for publication have important implications for business practice. Papers that focus on basic research, for example, often highlight the potential impact the authors' findings may have on business. A sample of journal topics includes entrepreneurship and its relation to management and strategy; interfaces between entrepreneurship and technological innovation; and the impact of public policy on entrepreneurial ventures. This has been added to [Entrepreneurial Resources](#) Subject Tracer™ Information Blog.

### **EveryBlock - Geographic Filter Newsfeed of Your Neighborhood**

<http://www.everyblock.com/>

EveryBlock filters an assortment of local news by location so you can keep track of what's happening on your block, in your neighborhood and all over your city. For a long time, that's been a tough question to answer. In dense, bustling cities like Chicago, New York and San Francisco, the number of daily media reports, government proceedings and local Internet conversations is staggering. Every day, a wealth of local information is created — officials inspect restaurants, journalists cover fires and Web users post photographs — but who has time to sort through all of that? Their mission at EveryBlock is to solve that problem. They aim to collect all of the news and civic goings-on that have happened recently in your city, and make it simple for you to keep track of news in particular areas. They are a geographic filter — a “news feed” for your neighborhood, or, yes, even your block. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This has been added to [New Economy Analytics, Resources and Alerts](#) Subject Tracer™ Information Blog. This has been added to [Business Intelligence Resources](#) Subject Tracer™ Information Blog.

### **StartupNation - Source for Small Business Advice, Help Starting a Business, and Entrepreneur Forum**

<http://www.startupnation.com/>

StartupNation is a free service founded by entrepreneurs for entrepreneurs. They created this site to be your one-stop shop for entrepreneurial success, and they are thrilled that StartupNation has grown to be the leading online content and community resource for entrepreneurs. It's their belief that everyone can —and should—own a business, whether



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full-time or part-time. Our mission is to help you do just that! Inside their site, you'll find all the easy-to-follow, practical information you could ever need to start and grow your own successful business. All of this is provided at no charge. Instead, their revenue comes from advertisers. It's their way of keeping the barriers between you and success to a minimum. Looking for quick answers? Want to connect with other entrepreneurs and experts? Curious about first steps to take? You've come to the right place. StartupNation is all about giving you access. Helpful articles, peer-to-peer forums, blogs, on demand seminars, podcasts, success stories – you name it, it's all here. This has been added to [Entrepreneurial Resources](#) Subject Tracer™ Information Blog.

### **Center for Economic and Policy Research (CEPR)**

<http://www.cepr.net/>

The Center for Economic and Policy Research (CEPR) was established in 1999 to promote democratic debate on the most important economic and social issues that affect people's lives. In order for citizens to effectively exercise their voices in a democracy, they should be informed about the problems and choices that they face. CEPR is committed to presenting issues in an accurate and understandable manner, so that the public is better prepared to choose among the various policy options. Toward this end, CEPR conducts both professional research and public education. The professional research is oriented towards filling important gaps in the understanding of particular economic and social problems, or the impact of specific policies. The public education portion of CEPR's mission is to present the findings of professional research, both by CEPR and others, in a manner that allows broad segments of the public to know exactly what is at stake in major policy debates. An informed public should be able to choose policies that lead to an improving quality of life, both for people within the United States and around the world. This has been added to [New Economy Analytics, Resources and Alerts](#) Subject Tracer™ Information Blog.

### **Policy and Society: An Interdisciplinary Journal of Policy Research**

<http://www.elsevier.com/locate/inca/714836>

Policy and Society is an interdisciplinary journal exploring policy and its manifestations in broader political, economic and social contexts. Each issue of Policy and Society is typically devoted to a single policy theme. The theme may be approached from the perspective of single or multiple disciplines. Policy and Society seeks to explore how policies are shaped by their context and, in turn, shape it. The Journal welcomes submissions that deal with policy theory and practice at the local, national and/or international level, including review issues on the state of the field. Each issue is normally overseen by a special guest editor.

### **Innocentive - Open Innovation and Innovation Management - Where Problems are Solved**

<http://www.innocentive.com/>

They believe in the power of open innovation, bringing together creative minds to create breakthrough solutions that touch every human life. Founded in 2001, InnoCentive



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connects companies, academic institutions, public sector and non-profit organizations, all hungry for breakthrough innovation, with a global network of more than 160,000 of the world's brightest minds on the world's first Open Innovation Marketplace™. These creative thinkers -- engineers, scientists, inventors, and business people with expertise in life sciences, engineering, chemistry, math, computer science, and entrepreneurship -- join the InnoCentive Solver™ community to solve some of the world's toughest challenges. Seeker™ organizations post their challenges on the InnoCentive web site, and offer registered Solvers significant financial awards for the best solutions. Seeker™ and Solver™ identities are kept completely confidential and secure, and InnoCentive manages the entire IP process. This has been added to [Internet Experts](#) Subject Tracer™ Information Blog. This has been added to [Business Intelligence Resources](#) Subject Tracer™ Information blog. This has been added to [Entrepreneurial Resources](#) Subject Tracer™ Information Blog. This has been added to [Research Resources](#) Subject Tracer™ Information Blog.

## **Awareness Watch™ Paper Review**

**Cross-language Search: The Case of Google Language Tools** by *Jiangping Chen, Yu Bao*

<http://firstmonday.org/htbin/cgiwrap/bin/ojs/index.php/fm/article/view/2335>

### **Abstract:**

This paper presents a case study of Google Language Tools, especially its cross-language search service. Cross-language search integrates machine translation (MT) and cross-language information retrieval (CLIR) technologies and allows Web users to search and read pages written in languages different from their search terms. In addition to cross-language search, Google Language Tools provides various language support services to multilingual information access. Our study examines the functions of Google Language Tools and the performance of its cross-language search. The results and analysis show that Google Language Tools are useful for Web users. Its cross-language search service provides quality query translation while the automatic translation of result pages needs further improvement. The paper suggests that cross-language search could be used by different types of Web users. The authors also discuss the strategies and important issues with regard to implementing multilingual information access services for information systems.



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## **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 resources 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/>

Biotechnology Resources

<http://www.BiotechnologyResources.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/>



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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/>

Green Files

<http://www.GreenFiles.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/>



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Internet Alerts

<http://www.InternetAlerts.info/>

Internet Demographics

<http://www.InternetDemographics.info/>

Internet Experts

<http://www.InternetExperts.info/>

Internet Hoaxes

<http://www.InternetHoaxes.info/>

Journalism Resources

<http://www.JournalismResources.info/>

Knowledge Discovery

<http://www.KnowledgeDiscovery.info/>

Military Resources

<http://www.MilitaryResources.info/>

New Economy Resources and Alerts

<http://www.NewEconomyAlerts.com/>

Outsourcing/Offshoring Information and Resources

<http://www.OutsourcingOffshore.us/>

Privacy Resources

<http://www.PrivacyResources.info/>

Reference Resources

<http://www.ReferenceResources.info/>

Research Resources

<http://www.ResearchResources.info/>

RestStress™

<http://www.RestStress.com/>

Script Resources

<http://www.WcriptResources.info/>

ShoppingBots

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Social Informatics

<http://www.SocialInformatics.info/>

Statistics Resources

<http://www.StatisticsResources.info/>

Student Research

<http://www.StudentResearch.info/>

Theology Resources

<http://www.TheologyResources.info/>

Tutorial Resources

<http://www.TutorialResources.info/>

World Wide Web Reference

<http://www.WWWReference.info/>



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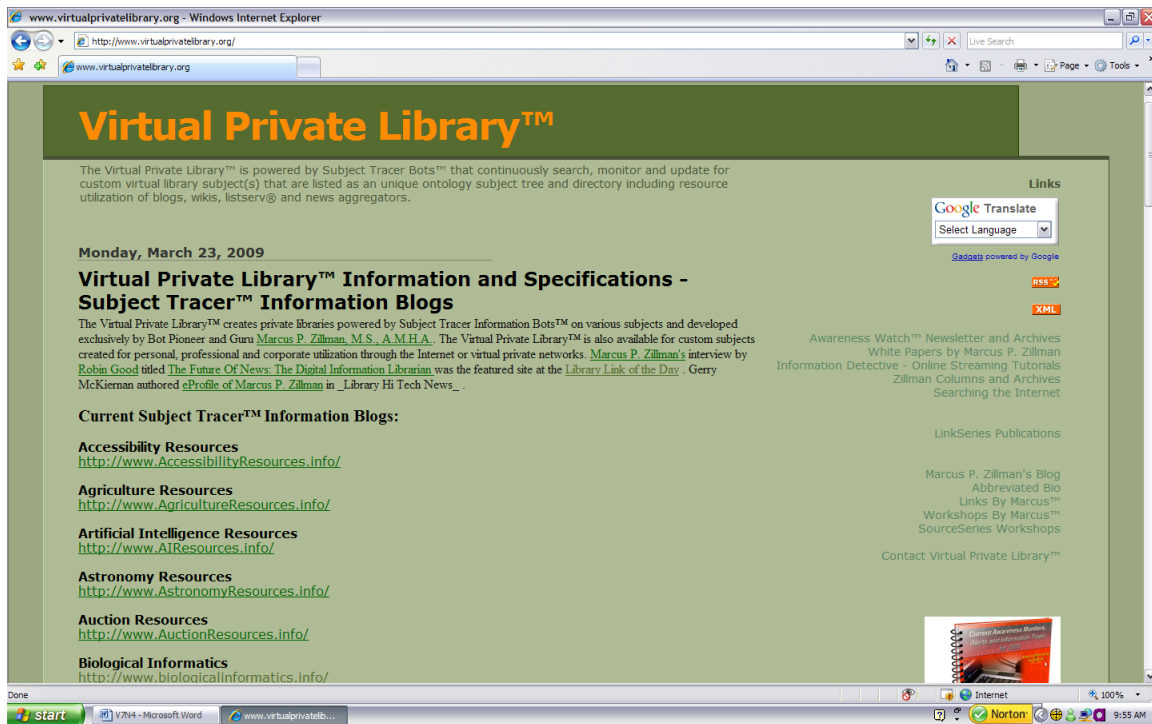


Figure 1: VirtualPrivateLibrary.org

**Author Information:** Marcus P. Zillman, M.S., A.M.H.A. Executive Director of the Virtual Private Library is an international Internet expert, author, keynote 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 48 Subject Tracer™ Information Portals and Blogs; written a number of internet miniguides, white papers, manuals and books; hosted over 160 weekly Internet television shows, writes a weekly and monthly column on Current Awareness on the Internet; writes a monthly newsletter Awareness Watch 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://www.zillman.info/>

White Papers by Marcus P. Zillman

<http://www.WhitePapers.us/>



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<http://www.InternetMiniguide.com/>

Awareness Watch™ Newsletter

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Marcus P. Zillman's Columns

<http://www.ZillmanColumns.com>

LinkSeries Publications

<http://www.LinkSeries.com/>

Internet Sources™ Manual

<http://www.InternetSources.info/>

Links By Marcus™

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Workshops By Marcus™

<http://www.WorkshopsByMarcus.com/>

SourceSeries Internet Research Workshops

<http://www.SourceSeries.com/>

Watch Marcus™

<http://www.WatchMarcus.com/>

listen to marcus™

<http://www.ListenToMarcus.com>

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M.S., A.M.H.A.:**

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<http://www.ScholarSearchEngines.com/>

Bots, Blogs and News Aggregators

<http://www.BotsBlogs.com/>

Business Intelligence Online Resources

<http://www.BIOOnlineResources.info/>



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Current Awareness Discovery Tools on the Internet

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<http://www.WhitePapers.us/>



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<http://www.ecurrentAwareness.com/>

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<http://www.MarketIntelligenceResources.com/>

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Marcus P. Zillman's latest eReference digital publication is a selected comprehensive alphabetical listing of the latest resources and sites covering all aspects of privacy and security currently available over the Internet. From the board room to the family room, these resources and sites give you the information you need to maintain your privacy and security as you use the Internet in your business and personal life.

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<http://www.ResearchResourcesOnline.net/>

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