

# Awareness Watch™ Newsletter

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

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

V16N2

February 2018

Welcome to the V16N2 February 2018 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 covers my **Deep Web Research and Discovery Resources 2018** and is a comprehensive listing of deep web resources including search engines, directories, subject guides and index resources and sites on the Internet. The below list of sources is taken from my Subject Tracer™ white paper titled Deep Web Research and Discovery Resources 2018 and is constantly updated with Subject Tracer™ bots at the following URLs:

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

These resources and sources will help you to discover the many pathways available through the Internet to find the latest deep web resources and sites. As this site is constantly updated it would be to your benefit to bookmark and return to the above URL frequently. The true way to search the Internet and social media is to include the deep web and these resources will be your pathfinder to all the important and ever changing resources including the New Economy!



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This **Deep Web Research and Discovery Resources 2018** report and guide is divided into the following sections:

Articles, Papers, Forums, Audios and Videos  
Cross Database Articles  
Cross Database Search Services  
Cross Database Search Tools  
Peer to Peer, File Sharing, Grid/Matrix Search Engines  
Presentations  
Resources - Deep Web Research  
Resources - Semantic Web Research  
Bot and Intelligent Agent Research Resources and Sites  
Subject Tracer Information Blogs

## **ARTICLES, PAPERS, FORUMS, AUDIOS AND VIDEOS** (Current and Historical)

### **8 Best Deep Web People Search Engines**

<https://www.airsassociation.org/services-new/airs-knowledge-network-n/airs-articles/item/16323-8-best-deep-web-people-search-engines-updated>

### **99 Resources to Research & Mine the Invisible Web by Jessica Hupp**

<http://www.collegedegree.com/library/college-life/99-resources-to/>

### **A Beginner's Guide to the Dark Web by Ben Dickson**

<https://www.dailydot.com/layer8/what-is-dark-web/>

### **Academic and Scholar Search Engines and Sources**

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

### **Accessing the Deep Web and Dark Web with Tor by Jack Jones**

<https://mobile.audible.com/search.htm?narrator=Dan+Gralick>

### **Access the Deep Web and Protect Your Privacy Online with Anonabox by Marco Chiappetta**

<http://www.forbes.com/sites/marcochiappetta/2016/04/29/access-the-deep-web-and-protect-your-privacy-online-with-the-anonabox/#72cd0dc337c2>

### **All of OCLC's WorldCat Heading Toward the Open Web by Barbara Quint**

<http://newsbreaks.infotoday.com/nbreader.asp?ArticleID=16353>



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**An Executive Overview of the Deep and Dark Web**

<http://www.cio.com/article/3199632/cyber-attacks-espionage/an-executive-overview-of-the-deep-dark-web.html>

**An Interactive Clustering-based Approach to Integrating Source Query interfaces on the Deep Web by W. Wu, C. Yu, A. Doan, W. Meng**

<http://www.cs.binghamton.edu/~meng/pub.d/sigmod04-final.pdf>

**Annotation for the Deep Web**

<http://dl.acm.org/citation.cfm?id=1137372>

**An Up-To-Date Layman's Guide To Accessing The Deep Web**

<https://www.fastcompany.com/3026989/an-up-to-date-laymans-guide-to-accessing-the-deep-web>

**A Primer on Staying Secure and Anonymous on the Dark Web by Mark Turner**

<http://www.techspot.com/guides/1292-web-security-anonymizer-primer/>

**Articles on Deep and Dark Web Published by Associations of Internet Research Specialists (AIRS)**

<https://www.airsassociation.org/services-new/airs-knowledge-network-n/airs-articles/itemlist/category/20-deep-web>

**Automatic Extraction of Web Search Interfaces for Interface Schema Integration by H. He, W. Meng, C. Yu, Z. Wu**

<http://www.cs.binghamton.edu/~meng/pub.d/WWWposterhe.pdf>

**Automatic Information Extraction From Semi-Structured Web Pages By Pattern Discovery**

<http://dl.acm.org/citation.cfm?id=640423&dl=ACM&coll=portal>

**Automatic Meaning Discovery Using Google by Rudi Cilibrasi and Paul M. B. Vitanyi**

<http://arxiv.org/abs/cs.CL/0412098>

**Battle of the Secure Smartphones**

<https://www.airsassociation.org/services-new/airs-knowledge-network-n/airs-articles/item/17276-battle-of-the-secure-smartphones>

**Beyond Google: The Invisible Web - Tools for Teaching the Invisible Web**

<http://library.laguardia.edu/invisibleweb/teachingtools>



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**Bibliomining for Automated Collection Development in a Digital Library Setting: Using Data Mining to Discover Web-Based Scholarly Research Works** by Dr. Scott Nicholson

<http://scottnicholson.com/pubs/asisdiss.pdf>

**Bot Research 2018**

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

**BrightPlanet Launches Deep Web Data Feeds: Global News Data Feed Is First Available Data Feed**

<http://www.brightplanet.com/2015/01/brightplanet-launches-deep-web-data-feeds-global-news-data-feed-first-available-data-feed/>

**Client-Side Deep Web Data Extraction**

<http://www.computer.org/csdl/proceedings/cec-east/2004/2206/00/22060158-abs.html>

**Clustering E-Commerce Search Engines** by Q. Peng, W. Meng, H. He, C. Yu

<http://www.cs.binghamton.edu/~meng/pub.d/WWWposterPeng.pdf>

**Common Deep Web and Big Data Questions Answered (Part 1)**

<http://www.brightplanet.com/2014/11/common-deep-web-big-data-questions-answered-part-1/>

**Common Deep Web and Big Data Questions Answered (Part 2)**

<http://www.brightplanet.com/2014/12/common-deep-web-big-data-questions-answered-part-2/>

**Creating Intelligence from Big Data**

<http://bigdata.brightplanet.com/creating-new-intelligence-from-big-data>

**Current Awareness Discovery Tools on the Internet 2018**

<http://www.zillman.us/white-papers/current-awareness-discovery-tools-on-the-internet/>

**Darknet Resembles the Open Internet – Just With Anonymity** by Roderick S. Graham and Brian Pitman

<http://www.newsweek.com/darknet-resembles-internet-itself-anonymity-550324?rx=us>

**Darkweb for Newbies: Hacking and Marketplaces** by Gaurav Sangwani

<http://www.businessinsider.in/darkweb-for-newbies-hacking-and-marketplaces/articleshow/55941181.cms>

**Dark Web News**

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



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**Dark Web Version of Facebook Shows a New Way to Secure the Web by Tom Simonite**

<https://www.technologyreview.com/s/532256/dark-web-version-of-facebook-shows-a-new-way-to-secure-the-web/>

**Dark Web - CRS Report by Kristin Finklea**

<https://fas.org/sgp/crs/misc/R44101.pdf>

**Deep Web - Exploring the Secrets of the Hidden Internet by Marcus P. Zillman, M.S., A.M.H.A., - 23 minutes - Internet/Technology Channel**

<http://www.planetearthradio.com/technology.htm>

**Deep Web: Legal Due Diligence by Lisa Brownlee**

<http://federatedsearchblog.com/2015/04/29/deep-web-legal-due-diligence/>

**Deep Web Links – Massive Deep Websites Links and URL by Martin Grossner**

<https://www.airsassociation.org/services-new/airs-knowledge-network-n/airs-articles/item/19104-deep-web-links-massive-deep-websites-links-and-url>

**Deep Web Search Engines to Explore the Hidden Internet by Rakesh Krishnan**

<https://cdn.ampproject.org/c/s/amp.thehackernews.com/thn/2016/02/deep-web-search-engine.html>

**Deep Web vs Dark Web: A Q&A with Internet Pioneer Marcus Zillman by Mason Lerner**

<https://community.spiceworks.com/topic/2081638-deep-web-vs-dark-web-a-q-a-with-internet-pioneer-marcus-zillman>

**Desperately Seeking Web Search 2.0**

[http://news.netcraft.com/archives/2004/04/23/desperately\\_seeking\\_web\\_search\\_20.html](http://news.netcraft.com/archives/2004/04/23/desperately_seeking_web_search_20.html)

**Digging Deeper into Deep Web Databases by Breaking Through the Top-k Barrier**

<http://arxiv.org/abs/1208.3876>

**DigiCULT Thematic Issue 6**

**Resource Discovery Technologies for the Heritage Sector, June 2004**

[http://www.digicult.info/downloads/digicult\\_thematic\\_issue6.pdf](http://www.digicult.info/downloads/digicult_thematic_issue6.pdf)

**Diving Into the Darknet by Michal Salat**

<https://blog.avast.com/diving-into-the-darknet>

**Effective and Scalable Metasearch Project**

<http://www.cs.binghamton.edu/~meng/metasearch.html>



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**Efficient Deep Web Crawling Using Reinforcement Learning**  
[http://link.springer.com/chapter/10.1007%2F978-3-642-13657-3\\_46](http://link.springer.com/chapter/10.1007%2F978-3-642-13657-3_46)

**Everything You Need To Know About the Deep Web In One Simple Infographic**  
<http://www.businessinsider.com/everything-you-need-to-know-about-the-deep-web-in-one-simple-infographic-2015-2>

**Experiences In Crawling Deep Web In The Context Of Local Search**  
<http://dl.acm.org/citation.cfm?id=1460016>

**First Comprehensive Map of the Dark Web Reveals a Remarkable Antisocial Corner of the Internet by Matthew Hutson**  
<http://www.sciencemag.org/news/2017/04/first-comprehensive-map-dark-web-reveals-remarkablyantisocial-corner-internet>

**Grey Literature**  
[http://en.wikipedia.org/wiki/Gray\\_literature](http://en.wikipedia.org/wiki/Gray_literature)

**Grey Literature Network Service (GreyNet)**  
<http://www.greynet.org/>

**Here Are the 10 Best Deep Web Search Engines by Kristen Hubby**  
<http://www.dailydot.com/layer8/best-deep-web-search-engines/>

**How To Access the Dark Web by Brandt Ranj**  
<http://www.independent.co.uk/life-style/gadgets-and-tech/how-to-access-the-dark-web-a7047041.html>

**How To Access the Dark Web Using Tor by Cozmo**  
<http://mixance.com/how-to-access-the-dark-web-using-tor/>

**How To Access the Deep Web Anonymously by Ritika Tiwari**  
<https://www.cloudwards.net/the-deep-web/>

**How To Browse the Deep Web Using Tor on iPhone and iPad by Sumeet Sharma**  
<http://www.iappnalysis.com/2015/04/browse-deep-web-on-iphone-ipad-using-tor-browser.html>

**How To Do a Deep Web Search and Why You Should by Kelli Uhrich of Komando.com**  
<http://www.komando.com/tips/396770/how-to-do-a-deep-web-search-and-why-you-should>



**How To Tread Lightly Into The Dark Web by Logan Hochstetler**

<https://www.airsassociation.org/services-new/airs-knowledge-network-n/airs-articles/item/18649-how-to-tread-lightly-into-the-dark-web>

**How To Use the Secure Encrypted Tor Messenger by Ray Walsh**

<https://www.bestvpn.com/blog/30751/tor-project-releases-secure-encrypted-tor-messenger-how-to-use-it/>

**Information Retrieval and the Semantic Web by Tim Finin, James Mayfield, Clay Fink, Anupam Joshi, and R. Scott Cost**

<http://ebiquity.umbc.edu/paper/html/id/185/>

**In Search of the Deep Web**

[http://www.salon.com/2004/03/09/deep\\_web/](http://www.salon.com/2004/03/09/deep_web/)

**IR and IE on the Web - PhD and MSc Dissertations**

<https://groups.yahoo.com/neo/groups/webir/info>

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

**Journey Into the Dark by Jason Smith**

<https://medium.com/@jasirad/journey-into-the-dark-8c7922a48265>

**Journey Into the Hidden Web: A Guide for New Researchers by Ryan Dube**

<http://www.makeuseof.com/tag/journey-into-the-hidden-web-a-guide-for-new-researchers/>

**Just the Tip of the Iceberg: Why You Should Be Monitoring the Deep Web**

<http://www.information-age.com/technology/security/123461668/just-tip-iceberg-why-you-should-be-monitoring-deep-web>

**Lessons from the Deep Web That Could Lead To a More Secure IoT by Revathl Subramanian**

<http://blogs.ca.com/2015/04/02/lessons-from-the-deep-web-that-could-lead-to-a-more-secure-iot/?mrm=425878&cid=GLOB-SMM-ABUS-AAR-000002-00000571>

**Metadata? Thesauri? Taxonomies? Topic Maps! by Lars Marius Garshol**

<http://www.ontopia.net/topicmaps/materials/tm-vs-thesauri.html>

**Mining Newsgroups Using Networks Arising From Social Behavior**

<https://dl.acm.org/citation.cfm?id=775227>

**Mining the Deep Web: Search Strategies That Work by Lee Ratzan**

[http://www.computerworld.com/s/article/9005757/Mining\\_the\\_Deep\\_Web\\_Search\\_strategies\\_that\\_work?pageNumber=1](http://www.computerworld.com/s/article/9005757/Mining_the_Deep_Web_Search_strategies_that_work?pageNumber=1)



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**Mining Topic-Specific Concepts and Definitions on the Web**

<http://www.cs.uic.edu/~liub/publications/WWW-2003.pdf>

**NASA Is Indexing the Deep Web to Show Mankind What Google Won't by Danielle Bronner**

<http://fusion.net/story/145885/nasa-is-indexing-the-deep-web-to-show-mankind-what-google-wont/>

**Next Generation TOR is Arriving and It Will Include a Distributed Random Number Generator**

<http://securityaffairs.co/wordpress/47683/deep-web/distributed-tor-random-number-generator.html>

**NYU-Poly Researcher Awarded DARPA Contract To Explore the Deep Web by Rhea Kelly**

<http://campustechnology.com/articles/2015/02/25/nyu-poly-researchers-awarded-darpa-contract-to-explore-the-deep-web.aspx>

**Onion Browser - An Open-Source Privacy Enhancing Web Browser for iOS**

<https://mike.tig.as/onionbrowser/>

**OntoMiner: Bootstrapping and Populating Ontologies From Domain Specific Web Sites**

<http://www.public.asu.edu/~hdavulcu/VLDB-WS03.pdf>

**OpenIndex - Creating a Public Internet Index**

<http://www.openindex.org>

**Out-googling Google: Federated Searching and the Single Search Box**

[http://library.marist.edu/ACRL/Foxhunt\\_demo.html](http://library.marist.edu/ACRL/Foxhunt_demo.html)

**Publications about Web Analysis, Web Search, Citation Indexing, Digital Libraries, Machine Learning, Neural Networks**

<http://research.google.com/>

**QProber: Classifying and Searching "Hidden-Web" Text Databases**

<http://www.ipeirotis.com/?project=qprober-classifying-and-searching-hidden-web-text-databases>

**Really Private Browsing: An Unofficial User's Guide to Tor by Andre Infante**

<http://www.makeuseof.com/tag/really-private-browsing-an-unofficial-users-guide-to-tor/>



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**Research Beyond Google: 56 Authoritative, Invisible, and Comprehensive Resources**

<http://oedb.org/ilibrarian/research-beyond-google/>

**Scan the Dark Web For Threat Intelligence by Michelle Drolet**

<https://www.csoonline.com/article/3245587/cyber-attacks-espionage/scan-the-dark-web-for-threat-intelligence.html>

**Scientific American: Featured Article: The Semantic Web In Action**

<https://www.scientificamerican.com/article/semantic-web-in-action/>

**Search Engine Meeting**

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

**Search Engine Technology and Digital Libraries**

<http://www.dlib.org/dlib/june04/lossau/06lossau.html>

**Searching the Deep Web by Alex Wright**

<http://mags.acm.org/communications/200810/?pg=16>

**Searching the Deep Web**

<http://www.dlib.org/dlib/january01/warnick/01warnick.html>

**Searching the Deep Web - Video**

<http://www.osti.gov/media/DeepWebVideo.html>

**Searching the Internet 2018 – The Primer**

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

**Search Interfaces on the Web: Querying and Characterizing by Denis Shestakov**

<https://www.doria.fi/handle/10024/38506>

**Seeing through the 'invisible' Web**

<http://usatoday30.usatoday.com/tech/2001/10/15/invisible-web-search.htm>

**Semantic Web Content Accessibility Guidelines for Current Research Information Systems (CRIS) by A. Lopatenko**

[http://derpi.tuwien.ac.at/~andrei/AURIS\\_DE.htm](http://derpi.tuwien.ac.at/~andrei/AURIS_DE.htm)

**Stop Talking About the Dark Web: Tor Project CoFounder Roger Dingledine**

<https://technical.ly/philly/2017/05/15/dark-web-roger-dingledine/>

**Structured Databases on the Web: Observations and Implications**

<http://dl.acm.org/citation.cfm?id=1031584>



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**Testbed for Information Extraction from Deep Web**

[http://research.microsoft.com/users/nickcr/pubs/yamada\\_www2004poster.pdf](http://research.microsoft.com/users/nickcr/pubs/yamada_www2004poster.pdf)

**The 10 Best Deep Web Search Engines to Explore the Hidden Web by Michelle Fuchs**

<https://www.airsassociation.org/services-new/airs-knowledge-network-n/airs-articles/item/17217-top-10-best-deep-web-search-engines-to-explore-hidden-web>

**The 10 Best Deep Web Search Engines to Explore Hidden Web by Issac Avila**

<https://www.airsassociation.org/services-new/airs-knowledge-network-n/airs-articles/item/18749-top-10-best-deep-web-search-engines-to-explore-hidden-web>

**The Darknet: A Quick Introduction for Business Leaders by Trey Degross**

<https://hbr.org/2016/12/the-darknet-a-quick-introduction-for-business-leaders>

**The Dark Web: What Every Parent Should Know by Cybermum Australia**

<https://securingtomorrow.mcafee.com/consumer/family-safety/dark-web-what-every-parent-should-know/>

**The Deep Web: Surfacing Hidden Value by Michael K. Bergman**

<http://quod.lib.umich.edu/j/jep/3336451.0007.104?view=text;rgn=main>

**The Deep Web: What's Lurking in the Underbelly of the Internet? By Michelle Alvarez**

<http://securityintelligence.com/the-deep-web-whats-lurking-in-the-underbelly-of-the-internet/#.VUIUNmfD9D8>

**The Future Of News: The Digital Information Librarian**

[http://www.masternewmedia.org/2004/03/24/the\\_future\\_of\\_news\\_the.htm](http://www.masternewmedia.org/2004/03/24/the_future_of_news_the.htm)

**The Growing Force That Will Soon Reshape The Entire Internet by Frank Miniter**

<https://www.forbes.com/sites/frankminiter/2017/12/30/the-growing-force-that-will-soon-reshape-the-entire-internet/>

**The Hidden Potential of the Web**

<http://www.theguardian.com/society/2004/apr/21/epublic.technology18>

**The Invisible Web by Chris Sherman**

<http://web.freepint.com/go/newsletter/64#feature>

**The Invisible Web: What it is, Why it exists, How to find it, and Its Inherent Ambiguity**

[http://www.newworldencyclopedia.org/entry/Deep\\_Web](http://www.newworldencyclopedia.org/entry/Deep_Web)



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**The Invisible Web: Where Search Engines Fear To Go**

<http://www.powerhomebiz.com/vol25/invisible.htm>

**The New Search Engines Shining a Light On the Deep Web by Carola Frediani**

<http://kernelmag.dailydot.com/issue-sections/features-issue-sections/10376/how-to-search-deep-web-tor/>

**The Ultimate Guide to the Invisible Web**

<http://oedb.org/ilibrarian/invisible-web/>

**The Virtual Private Library™ and The Deep Web Video by Melissa Barker**

<http://zillman.blogspot.com/2009/07/virtual-private-library-and-deep-web.html>

**Things You Can Do On the Dark Web That Aren't Illegal by Jacob Kleinman**

<https://lifehacker.com/things-you-can-do-on-the-dark-web-that-arent-illegal-1819790298>

**This Tool Lets You Scan the Dark Web for Your (stolen) Personal Data by Anna K. Sasaki**

<https://www.airsassociation.org/services-new/airs-knowledge-network-n/airs-articles/item/17251-this-tool-lets-you-scan-the-dark-web-for-your-stolen-personal-data>

**Timeline of Events Related to the Deep Web**

<http://papergirls.wordpress.com/2008/10/07/timeline-deep-web/>

**Top 5 Legal Reasons To Use the Darknet by JP Buntinx**

<https://themerke.com/top-5-legal-reasons-to-use-the-darknet/>

**Topological Measures and Maps Of the Web**

<http://informatics.indiana.edu/fil/Web/>

**Tor Coders Harden the Onion Against Surveillance**

<https://nakedsecurity.sophos.com/2016/06/23/tor-coders-harden-the-onion-against-surveillance/>

**TOR For Newbies - When Should You Use It?**

<http://www.makeuseof.com/tag/tor-for-newbies/>

**TorVPN by Max Eddy**

<http://uk.pcmag.com/torvpn/19165/review/lockspin-torvpn>

**Toward the Semantic Deep Web by James Geller, Soon Ae Chun, and Yoo Jung An**

<http://www.mendeley.com/catalog/toward-semantic-deep-web/>



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**Towards Automatic Incorporation of Search Engines Into A Large-Scale Metasearch Engine**

<http://www.cs.binghamton.edu/~meng/pub.d/wi2003.pdf>

**Traffic-Based Feedback on the Web by Jonathan Aizen, Daniel Huttenlocher, Jon Kleinberg, and Antal Novak**

[http://www.pnas.org/content/101/suppl\\_1/5254.abstract](http://www.pnas.org/content/101/suppl_1/5254.abstract)

**Travel Industry and Deep Web: Exclusive Interview with Marcus P. Zillman**

<http://plrplr.com/90014/deep-web-and-travel-industry-exclusive-interview-with-marcus-p-zillman/>

**UMBC - AgentNews**

<http://agents.umbc.edu/>

**Understanding Metadata**

<http://www.niso.org/standards/resources/UnderstandingMetadata.pdf>

**Understanding the Deep Web In 10 Minutes**

<http://www.brightplanet.com/2013/03/whitepaper-understanding-the-deep-web-in-10-minutes/>

**Using the Internet As a Dynamic Resource Tool for Knowledge Discovery 2018**

<http://www.zillman.us/white-papers/using-the-internet-as-a-dynamic-resource-tool-for-knowledge-discovery/>

**Web Characterization Activity**

<http://www.w3.org/WCA/>

**Web Data Extractors 2018**

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

**Web Pages Search Engine Based on DNS by Wang Liang, Guo Yi-Ping, and Fang Ming**

<http://arxiv.org/pdf/cs.NI/0403035>

**WebScales: Towards a Highly Scalable Metasearch Engine**

<http://www.cs.binghamton.edu/~meng/pub.d/PIreport04.html>

**What Exactly Is the Mysterious Dark Web and How It Is Different From the Deep Web by Kshitij Pujari**

<http://tech.firstpost.com/news-analysis/what-exactly-is-the-mysterious-dark-web-and-how-it-is-different-from-deep-web-379668.html>



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**What Is The Dark Web? By David Glance**

<http://www.iflscience.com/technology/what-dark-web/>

**What Is the Dark Web and How Does It Work?**

<https://theconversation.com/what-is-the-dark-web-and-how-does-it-work-63613>

**What Is the Dark Web and How To Access This Scary Part of Internet by Karandeep Singh**

<https://www.mobipicker.com/what-is-the-dark-web-how-to-access-the-dark-web/>

**What Is the Deep Web? A WhatIs Podcast 15 Minute Interview with Marcus P. Zillman**

<http://zillman.blogspot.com/2006/10/what-is-deep-web.html>

**What is the Invisible Web? A Crawler Perspective by Natalia Arroyo, Laboratorio de Internet**

<http://cybermetrics.wlv.ac.uk/AoIRASIST/arroyo.html>

**What It Looks Like On the Dark Side of the Web by Felix Simon**

<https://medium.com/@FelixSimon/what-it-looks-like-on-the-dark-side-of-the-web-f53ff9f4ef3c>

**Wikipedia – Deep Web**

[http://en.wikipedia.org/wiki/Deep\\_web](http://en.wikipedia.org/wiki/Deep_web)

**WISE-Cluster: Clustering E-Commerce Search Engines Automatically by Q. Peng, W. Meng, H. He, C. Yu**

<http://www.cs.binghamton.edu/~meng/pub.d/PengWIDM04.pdf>

## **CROSS DATABASE ARTICLES**

**Search Tools Reports: Searching for Text Information in Databases**

<http://www.searchtools.com/info/database-search.html>

**The Right Solution: Federated Search Tools by Roy Tennant**

<http://lj.libraryjournal.com/2003/06/ljarchives/the-right-solution-federated-search-tools/>

**UK Web Archiving Consortium**

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



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## **CROSS DATABASE SEARCH SERVICES**

**EnergyFiles - Subject Pathways [Oil Gas production and forecasting]**

<http://energyfiles.com/>

**FDsys - Search Across Multiple Government Databases**

<http://www.gpo.gov/fdsys/>

**King County Library System**

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

**NLM Gateway Search**

[http://wwwcf.nlm.nih.gov/hsr\\_project/home\\_proj.cfm](http://wwwcf.nlm.nih.gov/hsr_project/home_proj.cfm)

**SUMSearch 2 [Health Sciences]**

<http://sumsearch.org/>

## **CROSS DATABASE SEARCH TOOLS**

**Bright Planet – Deep Web Intelligence**

<http://brightplanet.com/>

**Copernic**

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

**Dieselpoint Java Search and Navigation Software**

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

**Dublin Core Metadata Initiative (DCMI)**

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

**EEVL Xtra - Cross Database Search**

<http://www.ariadne.ac.uk/issue44/eevl/>

**Gold Rush - Database Search Tool**

<http://goldrush.coalliance.org/>

**MetaLib**

<http://www.exlibrisgroup.com/category/MetaLibOverview>

**MetaSearch Initiative**

<http://www.niso.org/workrooms/mi>



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**MuseGlobal**

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

**Peter's PolySearch Engines**

<http://www2.hawaii.edu/~jacso/extra/poly-page.html>

**PBCore - The Public Broadcasting Metadata Dictionary**

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

**Registry of Library Knowledge Bases**

<http://www.public.iastate.edu/~CYBERSTACKS/KBL.htm>

**Search Federal Research and Development**

<http://www.osti.gov/>

**SRU - Search/Retrieve via URL**

<http://www.loc.gov/standards/sru>

**The Flamenco Search Interface Project**

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

## **PEER TO PEER (P2P), FILE SHARING, GRID AND MATRIX SEARCH ENGINES**

**ALPINE Network - SourceForge: Project**

<http://sourceforge.net/projects/alpine/>

**Azureus - Vuze Java Bittorrent Client**

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

**BadBlue [Uncensored News]**

<http://badblue.com/>

**Between Rhizomes and Trees: P2P Information Systems by Bryn Loban**

<http://firstmonday.org/ojs/index.php/fm/article/view/1182>

**BigChampagne**

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

**Bitmessage - P2P Communication Protocol To Send Encrypted Messages**

[https://bitmessage.org/wiki/Main\\_Page](https://bitmessage.org/wiki/Main_Page)



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**Bit Torrent Official Site and Search Engine**

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

**Coral - The Coral P2P Content Distribution Network**

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

**Capn's PHP Gnutella Search [Only code is available for download]**

<http://capnbry.net/gnutella/gs.php>

**ClearBits - BitTorrent distribution of open licensed media**

<https://twitter.com/clearbits>

**Distributed Search Engines**

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

**Distributed Search in P2P Networks**

<http://www.computer.org/csdl/mags/ic/2002/01/w1068-abs.html>

**FAROO - P2P Web Search**

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

**FilesOverMiles - Browser to Browser File Sharing (P2P)**

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

**Filetopia - File sharing tool with public key encryption**

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

**Free Haven Project**

<http://www.freehaven.net>

**Frost Project - Freenet Messaging and File Sharing Client**

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

**FuzzBox: Tangent Research Artificial Intelligence and Robotics**

[http://tangentresearch.com/news/07252001\\_p2p\\_ai.html](http://tangentresearch.com/news/07252001_p2p_ai.html)

**GNUnet – Secure P2P Networking - Free Software Foundation (FSF)**

<https://gnunet.org/>

**Grid, Distributed and Cloud Computing Resources 2018**

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

**GNU GRUB – Multiboot Boot Loader**

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



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**Ian Clarke's Blog**

<http://blog.locut.us/>

**Internet Movie Database (IMDb)**

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

**IPFS Distributed Web**

<https://ipfs.io/>

**MoleSter - A Tiny File-Sharing Application**

<http://ansuz.sooke.bc.ca/software/molester/>

**MusicBrainZ – Open Music Encyclopedia**

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

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

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

**OpenNap: Open Source Napster Server**

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

**OpenP2P.com**

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

**P2P and the Future of Private Copying by Peter K. Yu, Michigan State University  
College of Law**

[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=578568](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=578568)

**Peer-To-Peer Wikipedia**

<http://en.wikipedia.org/wiki/Peer-to-peer>

**Peer to Peer File Sharing - P2P Networking**

[http://compnetworking.about.com/od/p2ppeertopeer/Peer\\_to\\_Peer\\_File\\_Sharing\\_P2P\\_Networking.htm](http://compnetworking.about.com/od/p2ppeertopeer/Peer_to_Peer_File_Sharing_P2P_Networking.htm)

**Port Knocking**

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

**PowerFolder - P2P Whole Folder Synchronization**

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

**Rodi - Tiny P2P Client/Host**

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



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**Skype**

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

**Slyck - File Sharing News and Info**

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

**Stealth Mode Online Privacy Resources 2018**

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

**Swarm - A Transparently Scalable Distributed Programming Language**

<http://swarmframework.org/>

**The Anthill Project**

<http://www.cs.unibo.it/projects/anthill/>

**The Freenet Project**

<http://freenetproject.org/>

**ToPeer**

<http://www.2peer.com/>

**Transmission - Fast, Easy and Free BitTorrent Client**

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

**Tribler - A Social Community That Facilitates Filesharing Through P2P**

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

**TrustyFiles**

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

**Understanding BitTorrent: An Experimental Perspective by Arnaud Legout, Guillaume Urvoy-Keller, and Pietro Michiardi**

<http://hal.inria.fr/inria-00000156/en>

**WASTE (Secure P2P communication)**

<http://slackerbitch.free.fr/waste/>

**YaCy - Distributed P2P Based Web Indexing and Anonymous Search Engine**

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

**YouServ - A P2P (peer-to-peer) Web Hosting/File Sharing System**

<http://www.bayardo.org/youserv/>



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## **Zebra – Structured Text Indexing and Retrieval**

<http://www.indexdata.com/zebra>

## **Zilok - Peer To Peer Rental Marketplace**

<http://zilok.com/>

## **PRESENTATIONS**

### **Deep Web**

<http://whatis.techtarget.com/definition/deep-Web>

### **Deep Web Video**

<http://www.osti.gov/media/DeepWebVideo.html>

### **From Theory To Practice - Bielefeld Academic Search Engine**

<http://www.diglib.org/forums/spring2004/presentations/summann-2004-04.pdf>

### **Searching the Internet 2018 – The Primer**

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

### **The Virtual Private Library™ and The Deep Web Video by Melissa Barker**

<http://zillman.blogspot.com/2009/07/virtual-private-library-and-deep-web.html>

## **RESOURCES - Deep Web Research**

### **AEON (Automatic Evaluation of ONtologies)**

<http://code.google.com/p/aeon-project/>

### **AnkaSearch - Meta Search and Deep Web Search Desktop Tool**

<http://www.ankasoftware.com/ankasearch.html>

### **Anonymous Web Browsing - Wikipedia**

[http://en.wikipedia.org/wiki/Anonymous\\_web\\_browsing](http://en.wikipedia.org/wiki/Anonymous_web_browsing)

### **An Up-To-Date Layman's Guide To Accessing The Deep Web**

<https://www.fastcompany.com/3026989/an-up-to-date-laymans-guide-to-accessing-the-deep-web>

### **AskReddit – What Are Your Experiences With the Deep Web**

[http://www.reddit.com/r/AskReddit/comments/lm4dl/reddit\\_what\\_are\\_your\\_experiences\\_in\\_the\\_deep\\_web/](http://www.reddit.com/r/AskReddit/comments/lm4dl/reddit_what_are_your_experiences_in_the_deep_web/)



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**Awesome Public Datasets**

<https://github.com/caesar0301/awesome-public-datasets>

**BASE - Bielefeld Academic Search Engine**

<http://www.base-search.net/>

**Biznar – Deep Federated Search**

<http://www.deepwebtech.com/2015/08/biznar-a-deep-web-google-alternative/>

**Bot Research 2018**

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

**BrightPlanet – Deep Web Intelligence**

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

**Catalog of U.S. Government Publications (CGP)**

<http://catalog.gpo.gov/>

**Cazoodle - Search, Integrate, and Organize -- The Real World**

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

**Censys Search Engine for Devices and Networks**

<https://censys.io/>

**CloserLook Search Engine**

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

**Creative Commons RDF-Enhanced Search**

<http://search.creativecommons.org/>

**Cyber Cemetery**

<http://govinfo.library.unt.edu/>

**CyberGhost - One of the World's Most Trusted and Secure Virtual Private Networks**

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

**Dark Web Academy - Dark Web Curriculum**

[https://www.youtube.com/channel/UCJ31aJo8U-ZaRnZ4Y27so\\_Q](https://www.youtube.com/channel/UCJ31aJo8U-ZaRnZ4Y27so_Q)

**DarkWeb News – Deep Web**

<https://darkwebnews.com/category/deep-web/>



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**DarkWeb News - The Ultimate Dark Web Resource**

<https://darkwebnews.com/>

**Data Mining Resources 2018**

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

**DeepDive - Analyze Data On a Deeper Level Than Ever Before**

<http://deepdive.stanford.edu/>

**Deep.Dot.Web**

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

**Deeper Web Search Engine**

<http://deeperweb.com/>

**Deep Web - Discover Resources That Help You Mine the Deep or Invisible Web Instead of Just Searching the Surface**

<http://libguides.msubillings.edu/c.php?g=242182&p=1610131>

**Deep Web Links – Massive Deep Websites Links and URLs**

<https://www.airsassociation.org/services-new/airs-knowledge-network-n/airs-articles/item/19104-deep-web-links-massive-deep-websites-links-and-url>

**Deep Web Research and Discovery Resources 2018**

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

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

**Deep Web Search**

<http://deep-web.org/>

**Deep Web Sites**

<http://www.deepweb-sites.com/>

**Deep Web Technologies – federated search**

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

**Deep Web University**

<https://brightplanet.com/deep-web-university/>

**Dimensions – Re-Imaging Discovery and Access to Research**

<http://www.dimensions.ai/>



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### **Directory Resources 2018**

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

### **eGreenBot 2018 - Green Resources Search Engine**

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

### **eHealthcare Bot 2018 Deep Meta Search Engine**

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

### **eMarketing Bot 2018 Deep Meta Search Engine**

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

### **ENDECA**

<http://www.oracle.com/us/products/applications/commerce/endeca/overview/index.html>

### **Engineering Village**

<http://www.engineeringvillage.com>

### **Federated Search Blog**

<http://federatedsearchblog.com/>

### **Freely Accessible Databases for the Public**

<http://www.istl.org/01-winter/internet.html>

### **Google Fusion Tables**

<http://www.google.com/drive/apps.html#fusiontables>

### **Google Scholar**

<http://scholar.google.com/>

### **HighWire Press - Largest Repository of Free Full-Text Life Science Articles in the World**

<http://highwire.stanford.edu/>

### **How To Do a Deep Web Search and Why You Should**

<http://www.komando.com/tips/396770/how-to-do-a-deep-web-search-and-why-you-should>

### **Internet Archive**

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

### **Invisible Library**

<http://invislib.blogspot.com/>



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**IOGDS: International Open Government Dataset Search**

<https://logd.tw.rpi.edu/node/9903>

**Kapow Web Collector**

<http://www.automated-info-solutions.com/>

**Karma - Data Integration Tool**

<http://www.isi.edu/integration/karma/>

**KDnuggets: Data Mining, Web Mining, and Knowledge Discovery Guide**

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

**Knowledge Discovery 2018**

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

**Knowlesys – Use Deep Data Mining To Find the Intelligence**

<http://knowlesys.com/>

**Large-Scale Deep Web Integration: Incomplete Bibliography**

<http://metaquerier.cs.uiuc.edu/webibib.html>

**Linked Data - Connect Distributed Data Across the Web**

<http://linkeddata.org/>

**LinkingOpenData - W3C SWEO Community Project**

<http://www.w3.org/wiki/SweoIG/TaskForces/CommunityProjects/LinkingOpenData>

**List of Tor Hidden Services from the Wikipedia**

[https://en.wikipedia.org/wiki/List\\_of\\_Tor\\_hidden\\_services](https://en.wikipedia.org/wiki/List_of_Tor_hidden_services)

**MagPortal**

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

**Mappa.Mundi Magazine**

<http://mappa.mundi.net/>

**Mason OER Metafinder**

[https://mason.deepwebaccess.com/mason\\_MasonLibrariesOpenEducationResources\\_5f4/desktop/en/search.html](https://mason.deepwebaccess.com/mason_MasonLibrariesOpenEducationResources_5f4/desktop/en/search.html)

**Mednar - Innovative Medical Search**

<http://mednar.com/>



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### **Mining the Deep Web for Economic Data**

<https://www.collectiveip.com/grants/NSF:0207603>

### **New Economy Resources 2018**

<http://www.2018NewEconomy.com/>

### **New Zealand Digital Library**

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

### **OAI-PMH Implementation Guidelines - Conveying rights expressions about metadata in the OAI-PMH framework**

<http://www.openarchives.org/OAI/2.0/guidelines-rights.htm>

### **OAIster**

<http://www.oclc.org/oaister.en.html>

### **OECD.StatExtracts - Complete Databases Available Via OECD's iLibrary**

<https://data.oecd.org/>

### **Omny Insight Engine - Everything Connected**

<https://www.omny.io/>

### **OneLook Dictionary Search**

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

### **Onion Browser - An Open-Source Privacy Enhancing Web Browser for iOS**

<https://mike.tig.as/onionbrowser/>

### **Open Archives Initiative**

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

### **Open Datasets**

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

<https://github.com/caesar0301/awesome-public-datasets>

<https://www.kaggle.com/datasets>

<https://www.data.gov/>

<https://www.quora.com/Where-can-I-find-large-datasets-open-to-the-public>

<https://aws.amazon.com/public-datasets/>

<https://data.world/>

<http://data.worldbank.org/>

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

### **OpenIndex - Creating a Public Internet Index**

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



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## **Open Source Intelligence**

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

## **Open Vulnerability Assessment System (OpenVAS)**

<http://www.darknet.org.uk/2015/01/openvas-7-released-open-source-vulnerability-scanner/>

## **Privacy Resources 2018**

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

## **Project Maelstrom - The Internet We Build Next**

<http://blog.bittorrent.com/category/labs/>

## **Recommended Gateway Sites for the Deep Web**

<http://people.hws.edu/hunter/deepwebgate03.htm>

## **ReportLinker: Industry Reports, Company Profiles and Market Statistics**

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

## **SAO/NASA Astrophysics Data System (ADS)**

<http://adswww.harvard.edu/>

## **reSearcher**

<http://researcher.sfu.ca/>

## **Science and Technology Sources on the Internet**

<http://www.loc.gov/rr/scitech/resources.html>

## **Scientific and Technical Information Network (STINET)**

<http://www.loc.gov/flicc/Exemplars/DTIC/DTIC-STINET.PDF>

## **Science Commons**

<http://creativecommons.org/science>

## **Science.gov - FirstGov for Science - Government Science Portal**

<http://www.science.gov/>

## **ScienceResearch.com - Deep Web Search Engine**

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

## **Scientific Data Repository - Real Time Visualization and Exploration Techniques**

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



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**SciTech Connect**

<http://www.osti.gov/scitech/>

**Scrapinghub Crawls the Deep Web**

<http://blog.scrapinghub.com/2015/02/24/memex/>

**Scrapy Webcrawler**

<http://scrapy.org/>

**SDARTS - A Protocol and Toolkit for Metasearching**

<http://www.cs.columbia.edu/~gravano/Papers/2001/jcdl01b.pdf>

**SIMILE Widgets - Free, Open-Source Data Visualization Web Widgets and More**

<http://simile-widgets.org/>

**Social Buzz Bot 2018 (PDF download)**

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

**STN International - Databases in Science and Technology**

<http://www.stn-international.de/>

**SurfEasy - Online Privacy**

<https://www.surfeasy.com/>

**Swoogle - Semantic Bot**

<https://en.wikipedia.org/wiki/Swoogle>

**SWRC Ontology**

<http://ontoware.org/swrc/>

**Tails - The Amnesic Incognito Live System**

<https://tails.boum.org/>

**TechDeepWeb - How-To Guide to the Deep Web for IT Professionals**

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

**Terbium Labs - Matchlight Proactive Security In an Insecure World**

<https://terbiumlabs.com/>

**Testbed for Information Extraction from Deep Web**

[http://research.microsoft.com/users/nickcr/pubs/yamada\\_www2004poster.pdf](http://research.microsoft.com/users/nickcr/pubs/yamada_www2004poster.pdf)



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**The 10 Best Deep Web Search Engines to Explore the Hidden Web by Michelle Fuchs**

<https://www.airsassociation.org/services-new/airs-knowledge-network-n/airs-articles/item/17217-top-10-best-deep-web-search-engines-to-explore-hidden-web>

**The Deep Web: Shutdowns, New Sites, New Tools by Vincenzo Ciancaglini**

<http://blog.trendmicro.com/trendlabs-security-intelligence/the-deep-web-shutdowns-new-sites-new-tools/>

**The Enterprise Onion Toolkit**

<https://github.com/alecmuffett/eotk>

**The Invisible Internet Project (I2P)**

<https://geti2p.net/en/>

**The World Bank - Data**

<http://data.worldbank.org/>

**THOR: Deep Web Data Extraction**

<http://www.cc.gatech.edu/projects/disl/THOR/>

**Top 10 Best Deep Web Search Engines To Explore the Hidden Web**

<https://www.airsassociation.org/services-new/airs-knowledge-network-n/airs-articles/item/18749-top-10-best-deep-web-search-engines-to-explore-hidden-web>

**Tor Browser Bundle – Anonymity**

<https://www.torproject.org/projects/torbrowser.html.en>

**TOR For Newbies - When Should You Use It?**

<http://www.makeuseof.com/tag/tor-for-newbies/>

**Tor Project**

<https://www.torproject.org/>

**Tor Stack Exchange**

<http://tor.stackexchange.com/>

**TRID - The TRIS and ITRD Database (Transportation Research Board)**

<http://trid.trb.org/>

**TunnelBear - Simple, Private, Free Access to the Global Internet**

<https://www.tunnelbear.com/>



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**Twitter/Search #deepweb**

<https://twitter.com/search?q=%23deepweb>

**UNdata - Data Access System To UN Databases**

<http://data.un.org/>

**UNESCO Information Services - Databases**

<http://www.unesco.org/unesdi/index.php/eng/doc/tous.html>

**Useful Tips and Tools to Research the Deep Web**

<http://www.online-college-blog.com/features/100-useful-tips-and-tools-to-research-the-deep-web/>

**US Government Web Services and XML Data Sources**

<http://usgovxml.com/>

**Virtual Private Networks Directory of Best Services**

<http://www.makeuseof.com/tag/best-vpn-services/>

**Wall Street Executive Library**

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

**Web Data Extractors 2018**

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

**WebFountain™ - Analytical engine unstructured data**

[http://en.wikipedia.org/wiki/IBM\\_WebFountain](http://en.wikipedia.org/wiki/IBM_WebFountain)

**Web IR & IE**

<https://groups.yahoo.com/neo/groups/webir/info>

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

**WebScales: Towards a Highly Scalable Metasearch Engine**

<http://www.cs.binghamton.edu/~meng/pub.d/PIreport04.html>

**What Is a VPN - Beginner's Guide to Virtual Private Networks**

<https://www.vpnsrus.com/what-is-a-vpn/>

**Wolfram Data Respository**

<https://datarepository.wolframcloud.com/>

**WTO Statistics Database**

<http://stat.wto.org/>



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**Zaba Search – Free People Search and Public Information Search Engine**

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

**Zanran - Search the Web for Data and Statistics**

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

**Zeef – Deep Web Links**

<https://zeef.com/?query=deep%20web&in=all>

## **RESOURCES – Semantic Web Research**

**Analyzing Social Networks on the Semantic Web**

<http://ebiquity.umbc.edu/paper/html/id/202/?EBS=d259cb1bacc16993d8f13615a1925762>

**DARPA Agent Markup Language**

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

**Deep Search, Wide Search and Everything Else You Should Know About Semantic Search**

<http://www.dataversity.net/deep-search-wide-search-everything-else-know-semantic-search/>

**Digital Object Identifier (DOI)**

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

**FOAF Project - A Semantic Web Application**

<http://www.foaf-project.org/>

**Foundation for Intelligent Physical Agents (FIPA)**

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

**GoodRelations Vocabulary - Semantic Web Based eCommerce**

<http://www.heppnetz.de/projects/goodrelations/>

**Infomesh's Semantic Web Introduction**

<http://infomesh.net/2001/swintro/>

**International Journal of Metadata, Semantics and Ontologies (IJMSO)**

<http://www.inderscience.com/jhome.php?jcode=ijms>

**Jena – A Semantic Web Framework for Java**

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



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**Journal of Biomedical Semantics**

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

**Journal of Web Semantics**

<http://www.journals.elsevier.com/journal-of-web-semantics>

**Journal of Web Semantics: Preprint Server**

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

**Knowledge Discovery 2018**

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

**KnowledgeNets**

<http://wissensnetze.ag-nbi.de/>

**Language Engineering for the Semantic Web: A Digital Library for Endangered Languages**

<http://informationr.net/ir/9-3/paper176.html>

**Magpie - The Samatic Filter and Tool For the Semantic Web**

<http://projects.kmi.open.ac.uk/magpie/main.html>

**MetaData at W3C**

<http://www.w3.org/Metadata/>

**MindRaider - Semantic Web Outliner**

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

**OASIS - Advancing eBusiness Standards**

<https://www.oasis-open.org/>

**Ontology Metadata Vocabulary (OMV)**

<http://omv2.sourceforge.net/>

**O'Reilly's Semantic Web Primer**

<http://www.xml.com/pub/a/2000/11/01/semanticweb/>

**pOWL - Semantic Web Development Plattform**

<http://sourceforge.net/projects/powl/>

**RDF - Resource Description Framework**

<http://www.w3.org/RDF/>



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**Rules and Rule Markup Languages for the Semantic Web - RuleML-2003**

<http://www.informatik.uni-trier.de/~ley/db/conf/semweb/ruleml2003.html>

**SameAs.org - Interlinking the Web of Data**

<http://sameas.org/>

**SAO/NASA Astrophysics Data System (ADS)**

<http://adswww.harvard.edu/>

**SemanticDeskTop.org**

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

**Semantic Knowledge Technologies and Language Computation**

<http://gate.ac.uk/projects/sekt/>

**SemanticWeb.org - The Semantic Web Community Portal**

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

**Semantic Web Activity Statement**

<http://www.w3.org/2001/sw/Activity.html>

**Semantic Web Application Platform - SWAP**

<http://www.w3.org/2000/10/swap/>

**Semantic Web for AURIS-MM**

<http://derpi.tuwien.ac.at/~andrei/AURIS-MM-plan.html>

**Semantic Web In Breadth**

<http://logicerror.com/semanticWeb-long>

**Semantic Web Primer for Object-Oriented Software Developers**

<http://www.w3.org/TR/2006/NOTE-sw-oosd-primer-20060309/>

**Semantic Web Roadmap**

<http://www.w3.org/DesignIssues/Semantic.html>

**Semantic Web Search Engine**

<http://ws.nju.edu.cn/falcons/objectsearch/index.jsp>

**Semantic Web Search Engine (SWSE)**

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



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**Semantic Web - The Voice of Semantic Web Technology**

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

**Semantic Web W3C**

<http://www.w3.org/2001/sw/>

**SenseBot - Semantic Search Engine That Finds Sense On the Web**

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

**Simile Widgets – Free, Open-Source Data Visualization Web Widgets and More**

<http://simile-widgets.org/>

**Sindice - The Semantic Web Index**

<http://sindice.com/>

**SourceForge.net: Project Info - OWL API**

<http://sourceforge.net/projects/owlapi>

**Swoogle - Semantic Bot**

<https://en.wikipedia.org/wiki/Swoogle>

**SWRL: A Semantic Web Rule Language Combining OWL and RuleML**

<http://www.daml.org/2003/11/swrl/>

**Terbium Labs - Matchlight Proactive Security In an Insecure World**

<https://terbiumlabs.com/>

**The Authoritative Resource List for the Semantic Web by Kaila Strong**

<http://www.verticalmeasures.com/search-optimization/the-authoritative-resource-list-for-the-semantic-web/>

**The Cover Pages**

<http://xml.coverpages.org/>

**The Semantic Web: An Introduction**

<http://infomesh.net/2001/swintro/>

**The Semantic Web By Tim Berners-Lee, James Hendler and Ora Lassila**

<http://www.scientificamerican.com/article.cfm?id=the-semantic-web>

**The Semantic Web Is Your Friend**

<http://web.freepint.com/go/newsletter/160#feature>



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**Transforming and Enriching Documents for the Semantic Web by Dietmar Roesner, Manuela Kunze, Sylke Kroetzsch**  
<http://arxiv.org/abs/cs.AI/0501096>

**uClassify - Free Text Classified Web Service**  
<http://uclassify.com/>

**Watson Web - Exploring the Semantic Web**  
<http://watson.kmi.open.ac.uk/WatsonWUI/>

**Web Semantics: Science, Services and Agents on the World Wide Web**  
<http://www.sciencedirect.com/science/journal/15708268>

**Web Service Modeling Ontology**  
<http://www.wsmo.org/>

**Wilbur Toolkit for Semantic Web Programming [Project no longer actively maintained]**  
<http://wilbur-rdf.sourceforge.net/>

**World Wide Web Reference 2018**  
<http://www.WWWReference.info/>

**XML.com: Semantic Web**  
<http://www.xml.com/pub/2000/11/01/semanticweb/>

**XML.org**  
<http://www.xml.org/>

**Yahoo Groups - SemanticWeb**  
<http://groups.yahoo.com/group/semanticweb/>

## **Bot and Intelligent Agent Research Resources and Sites**

**1st Spot**  
[http://1st-spot.net/topic\\_agents.html](http://1st-spot.net/topic_agents.html)

**80legs - Powerful and Economical Service Platform for Crawling and Processing Web Content**  
<http://www.80legs.com/>

**Advobot - Instant Documents**  
<https://advobot.co/>



**Agent Construction Tools**  
<http://www.agentbuilder.com/>

**AgentLink**  
<http://www.AgentLink.org/>

**Agents**  
<http://aitopics.org/>

**AgentSheets - Authoring Tool to Create Agents**  
<http://www.agentsheets.com/>

**AhrefsBot - Market Research Bot**  
<https://ahrefs.com/robot>

**ALICEBot**  
<http://www.alicebot.org/>

**api.ai - Speech Interface for Apps and Devices**  
<http://api.ai/>

**Applied Soft Computing**  
<http://www.sciencedirect.com/science/journal/15684946>

**Article Search API - New York Times Articles 1981 to Present**  
[http://developer.nytimes.com/docs/article\\_search\\_api](http://developer.nytimes.com/docs/article_search_api)

**Artificial Intelligence Resources 2018**  
<http://www.AIResources.info/>

**artoo.js - The Client-Side Scraping Companion**  
<http://medialab.github.io/artoo/>

**BEN Portal: BioSciEdNet**  
[www.bioscienet.org/portal](http://www.bioscienet.org/portal)

**BotAnalytics - Analytics for Bots**  
<http://botanalytics.co/>

**Bot and Intelligent Agent Research Resources 2018**  
<http://www.BotResearch.info/>



**Bots, Blogs and News Aggregators 2018**

<http://www.BotsBlogs.com>

**Chatbase - Analyze and Optimize Bots More Easily**

<https://chatbase.com/>

**ChatBottle Search**

<https://chatbottle.co/>

**ChatterBots Resources and Sites 2018**

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

**Chatfuel - Build a Facebook Bot Without Coding**

<https://chatfuel.com/>

**Clara - Digital Employee That Schedules Meetings**

<https://claralabs.com/>

**Common Crawl - Open Repository of Web Crawl Data Composed Of Over 5 Billion Freely Available Web Pages**

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

**Contentmine - Text and Data Mining Open Source Tools**

<http://contentmine.org/>

**cQuery - Content Query Engine**

<http://cquery.com/>

**CrawlTrack - Your Web Statistics Tool**

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

**Create a Crawler - Extract Data From an Entire Website**

<http://import.io/>

**Data Mining Resources 2018**

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

**Dataminr - Real-time Information Discovery**

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

**DataparkSearch Engine - Full-Featured Open Source Web-Based Search Engine**

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



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**DataRobot - Build Better Predictive Models - Faster**

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

**Deep Web Research 2018**

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

**Design of a Parallel and Distributed Web Search Engine by Salvatore Orlando, Raffaele Perego, and Fabrizio Silvestri**

<http://arxiv.org/abs/cs.IR/0407053>

**Dictionary of Algorithms and Data Structures**

<http://xlinux.nist.gov/dads/>

**Digital Footprints - Collect Facebook Data**

<http://digitalfootprints.dk/>

**Ejenta - Intelligent Agents for Connected Care**

<https://www.ejenta.com/>

**Eliza - The Original ChatterBot**

<http://www-ai.ijs.si/eliza/eliza.html>

**Engati - Bot Innovation**

<http://engati.com/>

**Ethereum Frontier Release - A Decentralized Software Platform**

<https://www.ethereum.org/>

**Facepager - Fetching Public Data From Facebook**

<https://github.com/strohne/Facepager>

**FAME (Facilitating Agents in Multiculture Exchange)Project**

[http://cordis.europa.eu/projects/rcn/58337\\_en.html](http://cordis.europa.eu/projects/rcn/58337_en.html)

**File Information Tool Set (FITS)**

<http://fitstool.org/>

**Findo - An Intelligent Search Assistant**

<https://findo.com/>

**Foundation for Intelligent Physical Agents**

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



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**Free Robots.txt Generator and Validator**

<http://www.toolsiseek.com/robots-txt-generator-validator>

**Friends of ChatBot Coalition**

<https://www.fcc.ai/>

**Google Guide**

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

**Gupshup - Bot Building Platform**

<https://www.gupshup.io/>

**HAIKU - Open Source Operating System That Specifically Targets Personal Computing**

<https://www.haiku-os.org/>

**How to Make a Web Crawler With Selenium**

<https://www.makeuseof.com/tag/make-web-crawler-selenium/>

**Huginn - Your Agents Are Standing By**

<https://github.com/cantino/huginn>

**HYPHE - Web Corpus Curation Tool Featuring A Research-Driven Web Crawler**

<http://hyphe.medialab.sciences-po.fr/>

**IBM Watson Services**

<http://www.ibm.com/smarterplanet/us/en/ibmwatson/developercloud/services-catalog.html>

**idavatars - Intelligent Digital Avatars**

<http://idavatars.com/>

**Imagination Engines**

<http://www.imagination-engines.com/>

**Import.io - Turn the Web Into Data With Extractors, Crawlers and Connectors**

<https://import.io/>

**Indexing Robot Crawler Checklist**

<http://www.searchtools.com/robots/robot-checklist.html>

**InfoExtractor - Extract Relevant Information from Various Sources Like Blogs, YouTube, and Wikipedia**

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



**Institute for Human and Machine Cognition (IHMC)**

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

**Intellexer - Custom Built Search Engines, Knowledge Management Tools, Natural Language Processing**

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

**Intelligent Information Systems Research Laboratory**

<http://iis.ist.psu.edu/>

**International Journal of Agent-Oriented Software Engineering (IJAOSE)**

<http://www.inderscience.com/jhome.php?jcode=ijaose>

**jSEO - Web Crawler For Search Engine Optimization**

<http://codecanyon.net/item/jseo-web-crawler-for-search-engine-optimization/8770392>

**Knowledge Discovery 2018**

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

**LAIR - Laboratory of Applied Informatics Research**

<http://lair.unc.edu/>

**List of User-Agents (Spiders, Robots, Crawler, Browser)**

<http://www.user-agents.org/index.shtml>

**Ludwig - Find Your Sentence**

<https://ludwig.guru/>

**Lurchr - I Keep Track of What's Shared by Your Team So You Can Stay Focused On Work**

<https://lurchr.com/>

**MindMeld - Advanced Artificial Intelligence To Power the New Generation of Intelligent Conversational Interfaces**

<https://www.mindmeld.com/>

**Minimal-Intelligence Agents for Bargaining Behaviors in Market-Based Environments by Dave Cliff and Janet Bruten**

<http://www.hpl.hp.com/techreports/97/HPL-97-91.html>

**MIT Media Lab: Software Agents**

<http://agents.media.mit.edu/index.html>



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**Modelling and Mining of Network Information Systems**

<http://www.mathstat.dal.ca/~mominis/index.html>

**Motion AI – ChatBots and Artificial Intelligence Made Easy**

<http://motion.ai/>

**Mozenda Web Agent Builder - Web Data Extraction**

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

**MultiAgent**

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

**MySpiders**

<http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.21.3013>

**NCapture - Capture Web Content**

[http://www.qsrinternational.com/products\\_nvivo\\_add-ons.aspx](http://www.qsrinternational.com/products_nvivo_add-ons.aspx)

**Networks and agents Network (NaN)**

<http://cnets.indiana.edu/groups/nan/>

**NewsBot - Related News At a Click Of a Button**

<https://getnewsbot.com/>

**Open Source Web Information Retrieval (OSWIR05)**

<http://www.emse.fr/OSWIR05/>

**oSkope Visual Search**

<http://oskope.com/>

**Oxyus Open Source Search Engine**

<http://sourceforge.net/projects/oxyus/>

**ProBot - Automate and Improve Your Workflow**

<https://probot.github.io/>

**Rank Dynamics - Make Your Search Dynamic**

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

**ResearchKit Framework - Medical Research Apps**

<https://github.com/ResearchKit>



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**Robo Brain - Large Scale Computational System That Learns from Publicly Available Internet Resources**

<http://robobrain.me/>

**Scrapple - A Framework For Creating Web Scrapers and Web Crawlers**

<https://pypi.python.org/pypi/scrapple>

**Search Engine Robots**

<http://www.jafsoft.com/searchengines/webbots.html>

**Search Engine Watch News**

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

**Search Tools - Information Guides and News**

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

**SeerSuite - CiteSeerX Toolkit**

<http://sourceforge.net/projects/citeseerx/>

**Semantic Web**

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

**ShoppingBots 2018**

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

**Siri - Your Virtual Personal Assistant**

<http://www.apple.com/ios/siri/>

**Smarter Bots 2018**

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

**SocialBuzzBot 2018- The Business and Social Intelligence Search Engine for Information Discovery from Social Communities**

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

**SocSciBot - Social Sciences Link Analysis Research**

<http://socscibot.wlv.ac.uk/>

**Spidering Hacks**

<http://www.oreilly.com/catalog/spiderhks/>

**STACKS - Social Media Tracker, Analyzer, & Collector Toolkit at Syracuse**

<https://github.com/bitslabsyr/stack>



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**Structure and Interpretation of Computer Programs - Video Lectures by Hal Abelson and Gerald Jay Sussman**

<http://groups.csail.mit.edu/mac/classes/6.001/abelson-sussman-lectures/>

**SupportBots - Chatbots for MSP and IT Service Providers**

<http://www.supportbots.io/>

**Supybot, A Superb Python IRC Bot**

[http://freecode.com/projects/supybot?branch\\_id=31808&release\\_id=181322](http://freecode.com/projects/supybot?branch_id=31808&release_id=181322)

**Surf Canyon Search Engine**

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

**Swirlds - The Platform for Distributed Applications**

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

**Swoogle - Semantic Bot**

<https://en.wikipedia.org/wiki/Swoogle>

**TextRunner Search - Searches Hundreds of Millions of Assertions Extracted from 500 Million High-Quality Web Pages**

<http://openie.cs.washington.edu/>

**The Essential Landscape of Enterprise AI Companies**

<https://www.topbots.com/essential-landscape-overview-enterprise-artificial-intelligence/>

**The Intelligent Software Agents Lab**

<http://www.cs.cmu.edu/~softagents/>

**The Lemur Toolkit - Language Modeling and Information Retrieval Research**

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

**The Search Engine Project (TSEP)**

<http://freecode.com/projects/tsep>

**The Simon Lavern Page**

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

**Transcriptic - Discovery Biology On Demand**

<https://www.transcriptic.com/>

**TSEP - The Search Engine Project**

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



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### **UMBC AgentWeb**

<http://agents.umbc.edu/>

### **UMBC eBiquity**

<http://ebiquity.umbc.edu/>

### **Universe - Measurement and Training for Artificial Intelligence**

<https://universe.openai.com/>

### **Web Curator Tool (WCT)**

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

### **Web Data Extractors 2018**

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

### **Web Intelligence Consortium**

<http://wi-consortium.org/>

### **Web IR & IE**

<https://groups.yahoo.com/neo/groups/webir/info>

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

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

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

### **Zanran - Search the Web for Data and Statistics**

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

## **Awareness Watch™ Spotters**

### **Haven: Keep Watch**

<https://guardianproject.github.io/haven/>

Haven is for people who need a way to protect their personal spaces and possessions without compromising their own privacy. It is an Android application that leverages on-device sensors to provide monitoring and protection of physical spaces. Haven turns any Android phone into a motion, sound, vibration and light detector, watching for unexpected guests and unwanted intruders. They designed Haven for investigative journalists, human rights defenders, and people at risk of forced disappearance to create a new kind of herd immunity. By combining the array of sensors found in any smartphone, with the world's most secure communications technologies, like Signal and Tor, Haven



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prevents the worst kind of people from silencing citizens without getting caught in the act. This will be added to [Privacy Resources](#) Subject Tracer™. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Start Up Resources for the Entrepreneur 2018](#) white paper.

### **Zeetings - Audience Engagement**

<https://about.zeetings.com/>

Transform your meetings, presentations, lessons and events by empowering everyone to participate from their own device. Features include: a) Get jaw-dropping engagement - Deliver interactive presentations that combine your PowerPoints and PDFs with video, web content, images and polls. Everyone participates from their own device, in person or remote, in real-time or in their own time. No need to download or install a thing. It just works; b) Build a genuine connection - Facilitate a dialogue. Empower people to ask questions, post comments, take notes and connect with everyone that tunes in. It can all be anonymous so people share what they're really thinking and it's all saved so you can review it later and the conversation can continue; c) Stop guessing, start knowing - Stop staring at room of blank faces and wondering what they're thinking. Stop emailing decks and wondering if they've been opened. Stop throwing out ideas and wondering if people agree. Zeetings tracks every interaction and gives you data driven insights so you know what's really going on; and d) Safe and secure - Zeetings keeps everything in one place. Safe, secure and accessible from all your devices. Keep track of who has access, when they're online and how they're interacting. Change your content even after it's shared and change who has access whenever you need to. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Updated> Academic and Scholar Search Engines and Sources**

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

Internet Annotated Link Dataset Compilation titled "Academic and Scholar Search Engines and Sources" is now a 81 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 (536KB) at the above link from the [Virtual Private Library™](#) and authored by [Marcus P. Zillman, M.S., A.M.H.A.](#) [Updated with all links validated and new URLs added: January 1, 2018]. Other white papers are available by clicking [here](#).

### **Comindwork - Collaborate and Manage Everything in 1Cloud Tool**

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

All-in-one: elegant visibility of everything for everyone. You start from creating workspaces - Intranet, Client Extranet, CRM or specific projects. You can freely share these workspaces with your co-workers, customers, freelancers or any other



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collaborators. Then pick apps for each workspace: issues, sales leads, deals, vacations, documents approvals, wiki, help desk, time tracking, meetings, events, invoices - or create your own app. All apps can be tailored without IT guys. Now your entire team can use these apps to share files, edit documents, assign tasks, manage projects and collaborate online - in the same shared workspace. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **SciVal Research Performance**

<https://www.elsevier.com/solutions/scival>

Elsevier's SciVal offers quick, easy access to the research performance of 8,500 research institutions and 220 countries worldwide. A ready-to-use solution with unparalleled power and flexibility, SciVal enables you to visualize research performance, benchmark relative to peers, develop collaborative partnerships and analyze research trends. They are expanding SciVal from being a purely evaluative and analytical tool to being an integral part of your research planning process. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Introduction to TensorFlow Lite**

<https://www.tensorflow.org/mobile/tflite/>

TensorFlow Lite is TensorFlow's lightweight solution for mobile and embedded devices. It enables on-device machine learning inference with low latency and a small binary size. TensorFlow Lite also supports hardware acceleration with the Android Neural Networks API. TensorFlow Lite uses many techniques for achieving low latency such as optimizing the kernels for mobile apps, pre-fused activations, and quantized kernels that allow smaller and faster (fixed-point math) models. Most of their TensorFlow Lite documentation is on Github for the time being. This will be added to [Artificial Intelligence Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Awesome Machine Learning for Cyber Security**

<https://github.com/jivoi/awesome-ml-for-cybersecurity>

A curated list of amazingly awesome tools and resources related to the use of machine learning for cyber security. This will be added to [Privacy Resources](#) Subject Tracer™. This will be added to [Artificial Intelligence Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.



## **LabWorm - Aggregator of Scientific Online Tools**

<https://labworm.com/>

LabWorm is an aggregator of scientific online tools. It lets you stay updated on the newest and most relevant tools for your research. LabWorm members get weekly emails with the Top 5 Freshest Tools – keeping you in the know. LabWorm is also a Crowd Voting platform for the scientific community, leveraging the community's hands-on experience and judgment to vote on the various tools. The aim here is to challenge the traditional way of judging scientific work, giving the power back to the scientists in the lab. Science, they believe, should be open. LabWorm was created to allow fellow scientists to get more involved in our community and to stay informed on the research tools other scientists are using to work more efficiently. You are able to look into other scientists' Tool Collections, see how they voted and deduce from that what are the most relevant tools for you. This will be added to [Biological Informatics](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

## **Labroots - Scientific Social Networking Website**

<https://www.labroots.com/>

LabRoots is the leading scientific social networking website, offering top scientific trending news and premier educational virtual events and webinars. Contributing to the advancement of science through content sharing capabilities, LabRoots is a powerful advocate in amplifying global networks and communities. Founded in 2008, LabRoots emphasizes digital innovation in scientific collaboration and learning. We have become a primary source for trending scientific news, webinars, virtual conferences and more. Offering more than articles and webcasts that go beyond the mundane and explore the latest discoveries in the world of science, LabRoots users can stay atop their field by gaining continuing education credits from a wide range of topics through their participation in the webinars and virtual events. Join for free and become part of the largest scientific learning community in the world. This will be added to [Biological Informatics](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

## **nanoHUB - Computational Nanotechnology Research**

<https://nanohub.org/>

nanoHUB.org is the premier place for computational nanotechnology research, education, and collaboration. Our site hosts a rapidly growing collection of Simulation Programs for nanoscale phenomena that run in the cloud and are accessible through a web browser. nanoHUB also provides a vast array of resources that help users learn about our simulation programs and about nanotechnology in general. They offer a venue to explore, collaborate, and publish new content. Their mission is to support and grow the nanotechnology community and to generate new modes of discovery, innovation, learning, and engagement in the field. nanoHUB lets you run over 320 simulation tools in

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a web browser. Powered by a sophisticated cyberinfrastructure and run transparently in a scientific computing cloud at Purdue University and national grid resources your simulations are in good hands – nanoHUB uptime is more than 99%. This will be added to [Healthcare Resources](#) Subject Tracer™. This will be added to [Biological Informatics](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Tresorit - End-to-End Encrypted File Sync and Sharing**

<https://tresorit.com/>

Protect your files with end-to-end encryption. Keep your sensitive data safe from hackers, snooping governments and the dangers of internal breaches. Secure your files all the way from your computer to the people you share them with. With their end-to-end encryption, nothing leaves your device unencrypted. Only you have the keys to read the content of your files. This will be added to [Privacy Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Peer Evaluation - Empowering Scholars**

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

Peer Evaluation is about giving Open Access to your primary data, working papers, articles, media and having them all reviewed and discussed by your peers. Peer evaluation is a strong supporter of qualified peer reviewing and is, in that respect, a valuable supplement, inspiration and hub for peer reviewed journals and publications. Finally, Peer Evaluation is an independent and community interest project. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Education and Academic Resources](#) Subject Tracer™.

### **Social Science Space**

<https://www.socialsciencespace.com/>

Social Science Space brings social scientists together to explore, share and shape the big issues in social science, from funding to impact. This online social network features blogs with the most current thinking from key players in social science, a forum for discussions, a resource center with free videos, reports and slides that support these discussions, as well as funding and job opportunity notices. Social science plays a crucial role in contributing to a better quality of life. It underpins many successful public policies from poverty alleviation, macroeconomics to crime prevention. Yet the contributions made by social scientists remain under-recognized in many circles. There is an urgent need for social scientists to demonstrate the value of their research and the power of their expertise for addressing the local and international challenges of our age. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to





[Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Speakezee - World's Largest Searchable Database of Expert Speakers**

<https://www.speakezee.org/>

Speakezee is the world's largest searchable database of expert speakers. At its heart is the desire to help speakers engage with their audience and to make it easier for organisers to find relevant experts to talk at their event, whatever the size. It also allows speakers to showcase talks, share materials and collect evidence of impact from the audiences in the form of comments and discussion. Speakers create a simple profile which focuses on subject expertise and speaking experience. The more complete the speaker profile, the more likely you will be contacted by an organiser. List a talk you can give or have given in the past. Add materials you might want to share - papers, slides, videos or even a soundcloud podcast. Event organisers can find and shortlist speakers using a quick and simple search. Once an organiser has found the perfect speakers they can send an invitation to speak at their event. The Speakezee admin team will review the request and forward to the speaker. The best profiles will include recordings of previous speaking events. This will be added to [Internet Experts](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **berify - Better Verification for Stolen Photos and Videos**

<https://berify.com/>

Berify, located in Los Angeles, California is on a mission to allow the world to track their images online. From photographers to models, vloggers, lawyers and the average Joe, they help you find and track the use of your images online. Reverse image search to help you find stolen images and videos. Use their image matching algorithm to search over 800 million images along with image data from all of the major image search engines. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Algorithmia - Enabling AI In Every Application**

<https://algorithmia.com/>

Automating the use of AI/ML models at every scale with the Serverless AI Layer. Products include: a) Your own models hosted in the Cloud - Their serverless infrastructure is custom built to host scalable AI models and advanced algorithms. Simply add your code and they will automatically generate API pipelines for hassle-free deployment and maintenance free scalability. Any model you add can optionally be monetized in the marketplace; and b) Algorithms on-demand - World-class data-scientists from top universities, corporate research labs, and individual developers publish algorithms for you to use. Simple and affordable cost per unit computing makes Machine Learning accessible for everyone. This will be added to [Artificial Intelligence Resources](#)

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Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **PikWizard - Free Images Library**

<https://pikwizard.com/>

Stunning free stock photos. Free stock photos for all your creative needs. Find great stock images at zero cost (credit attribution is always a good thing to do). This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **BrainFacts**

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

The human brain is the most complex biological structure in the known universe. Its nearly 100 billion nerve cells power all of our thoughts, perceptions, memories, emotions, and actions. It's what inspires us to build cities and compels us to gaze at the stars. That sense of wonder drives BrainFacts.org. They are a public information initiative of The Kavli Foundation, the Gatsby Charitable Foundation, and the Society for Neuroscience – global nonprofit organizations dedicated to advancing brain research. Powered by the global neuroscience community and overseen by an editorial board of leading neuroscientists from around the world, BrainFacts.org shares the stories of scientific discovery and the knowledge they reveal. Unraveling the mysteries of the brain has the potential to impact every aspect of human experience and civilization. This will be added to [Healthcare Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Current Awareness Tools 2018**

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

Current awareness has become a very timely topic with professionals and business executive/entrepreneurs especially those suffering from information overload in today's dynamic internet based information economy. It is no longer a “nice to have” resource but rather a “must have” internet tool that is part of our daily business routine! Obtaining these current awareness tools and constantly discovering the current happenings and information on the Internet is the driving force behind the creation of this white paper. This white paper lists the best and most competent current awareness resources available for the professional and business executive/entrepreneur.

### **Every CRS Report**

<https://www.everycrsreport.com/>

Congressional Research Service reports are the best way for anyone to quickly get up to speed on major political issues without having to worry about spin — from the same source Congress uses. CRS is Congress' think tank, and its reports are relied upon by





academics, businesses, judges, policy advocates, students, librarians, journalists, and policymakers for accurate and timely analysis of important policy issues. The reports are not classified and do not contain individualized advice to any specific member of Congress. Until today, CRS reports were generally available only to the well-connected. Now, in partnership with a Republican and Democratic member of Congress, they are making these reports available to everyone for free online. A coalition of public interest groups, journalists, academics, students, some Members of Congress, and former CRS employees have been advocating for greater access to CRS reports for over twenty years. Two bills in Congress to make these reports widely available already have 10 sponsors (S. 2639 and H.R. 4702, 114th Congress) and they urge Congress to finish the job. EveryCRSReport.com includes 8,986 CRS reports. The number changes regularly. It's every CRS report that's available on Congress's internal website. They redact the phone number, email address, and names of virtually all the analysts from the reports. They add disclaimer language regarding copyright and the role CRS reports are intended to play. That's it. (Here's why we redact some info.) If you're looking for older reports, our good friends at CRSReports.com may have them. They also show how much a report has changed over time (whenever CRS publishes an update), provide RSS feeds, and we hope to add more features in the future. Help us make that possible. To receive an email alert for all new reports and new reports in a particular topic area, use the RSS icon next to the topic area titles and a third-party service, like IFTTT, to monitor the RSS feed for new additions. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **The Writing Center - Tips and Tools**

<https://writingcenter.unc.edu/tips-and-tools/>

This is an excellent resource from The Writing Center of the University of North Carolina, College of Arts and Sciences, covering comprehensive sources for: a) Writing the Paper; b) Citation, Style, and Sentence Level Concerns; c) Specific Writing Assignments or Contexts; d) Writing for Specific Fields; and e) Additional Resources. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Education and Academic Resources](#) Subject Tracer™. This will be added to [Student Research Resources](#) Subject Tracer™.

### **Vertex.ai - Deep Learning for Every Device**

<http://vertex.ai/>

Vertex.AI brings the full power of deep learning to every device, big or small. We add visual intelligence capabilities to edge devices with our Vision framework and deliver advanced deep learning capabilities to any device with our fully supported Vantage platform. Vertex Vision: Apply state of the art deep neural networks to detect, classify, track, and identify objects and other visual elements in real time. Building on Vantage, Vision is compatible with nearly any device and operating system. Batteries included,



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PhD optional. Vertex Vantage: Everything you need to deploy deep learning to fit your unique requirements. Vantage provides a fully supported software platform that unlocks the deep learning capability of chips from low-power mobile processors to full-size GPUs, all while maintaining compatibility with popular open source tools. Vertex Mission: Their overarching goal is to bring intelligence to more devices. Today, deep learning research is showing new and powerful accuracy in areas like image understanding, speech recognition, language translation, and more. At the same time, to get the necessary computations running on most chips requires rare expertise and substantial software development effort. We are addressing that problem at two layers: First by making it possible with Vantage to run deep neural nets on a wide variety of chips, and second by building on top of that our Vision ready-to-use toolbox of pre-packaged visual intelligence capabilities. We support each with hands-on support and training to ensure your challenge is solved. This will be added to [Artificial Intelligence Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **We Share Science - A Place To Share, Search, and Discuss Today's Research**

<https://wesharescience.com/We-Share-Science>

We Share Science is focused on the application of social-media technologies for the sharing of research across disciplines. We Share Science currently offers two services for achieving these ambitions: a social-media platform for sharing research, and an annual international online science fair. In the future we also plan to offer web analytic services to inform decisions of organizations that offer service (e.g., professional associations) to researchers across disciplines in the social and physical sciences. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™

### **AcaWiki - Sharing Summaries of Academic Papers**

<https://acawiki.org/Home>

AcaWiki offers a web 2.0 way of interacting with the public to increase impact. Research often languishes in academic journals, perhaps read only a few times by infrequent visitors. AcaWiki allows scholars to increase the impact of their research by enabling them to share summaries, long abstracts and literature reviews of their peer-reviewed work online. AcaWiki also encourages discussion by providing a talk page for each research paper. With a critical mass of content AcaWiki can be resource for scholars and the public. For the public, AcaWiki is a window into the world of academic research. Newspapers and magazines often write about research but there are few resources for the public to follow up with. For scholars, rather than read an entire academic paper, they now can first read the AcaWiki summary, then determine if they want to read the full paper. They also may have an easier time reading across disciplines because AcaWiki summaries are designed to be more accessible. This will be added to [Academic and Scholar Search Engines and Sources](#) white paper. This will be added to [Education and](#)

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### **U.S. Digital Registry**

<https://usdigitalregistry.digitalgov.gov/>

Whether for access to emergency, financial or education public services, users need to trust they are engaging with official U.S. government digital accounts. To help prevent exploitation from unofficial sources, phishing scams, or malicious entities, the U.S. Digital Registry serves as a crowdsourced resource for agencies, citizens, and developers to confirm the official status of social media and public-facing collaboration accounts, mobile apps, and mobile websites. The accounts in the registry are independently updated by federal managers across the government who maintain individual agency accounts. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Frontiers Open Science Platform**

<https://www.frontiersin.org/>

Their grand vision is to build an Open Science platform where everybody has equal opportunity to seek, share and generate knowledge, and that empowers researchers in their daily work. Frontiers is at the forefront of building this ultimate Open Science platform. By taking publishing entirely online, we drive innovations and develop new technologies to make peer-review more efficient and transparent, provide impact metrics for articles and researchers, are the first – and only – to merge open-access publishing with a research network platform, Loop, to catalyze collaboration and research dissemination and we popularize research to the public, including kids. Our mission is to increase the reach and impact of articles and their authors. Frontiers today publishes several of the most cited Open-access journals in the world, is today one of the largest and fastest-growing open-access publishers, receives millions of monthly page views, received the ALPSP Gold Award for Innovation in Publishing in 2014, has publishing agreements with many universities, and collaborates with Nature Publishing Group, Scientific American, Digital Science, OpenAire, CrossRef, OASPA, COPE, Jacobs Foundation, and others to advance Open Science worldwide. Their 2017 analysis of journal impact shows Frontiers journals lead in citations in their fields and rank in the top Impact Factor Percentiles. The results are based on the 2016 Journal Citation Reports (JCR), released in 2017 by Clarivate Analytics (f.k.a. Thomson Reuters), for citations in 2016 of articles published in 2014-2015. Frontiers journals are listed across 20 academic categories in the 2016-JCR. Read the full analysis here. Notably, Frontiers reached 6.4 on Journal Impact Factors and are consistently ranked among the best performing journals. Compared to all journals (subscription and open-access) Frontiers journals rank 1st most cited in 4 categories, namely Neurosciences, Psychology, Multidisciplinary Psychology, and Plant Sciences. Our journals also rank 2nd most cited in the category of Physiology, 3rd most cited in Microbiology and 5th most cited in Immunology. Compared to just



open-access journals, Frontiers journals are the 1st most cited in 6 categories (Neurosciences, Psychology, Multidisciplinary Psychology, Plant Sciences, Pharmacology & Pharmacy, and Immunology) and are 2nd most cited in 3 categories (Clinical Neurology, Endocrinology, and Microbiology). This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Science Exchange**

<https://www.scienceexchange.com/>

They are the leading marketplace for scientific research. They exist to make scientific research faster, more effective, and more accessible to researchers everywhere. Their mission is to enable breakthrough scientific discoveries by making it easy for researchers to access the world's leading scientific service providers and most innovative scientific technologies. To date, Science Exchange has helped tens of thousands of researchers from every scientific discipline imaginable, from Agriologists through to Zymologists, move their research, and by extension humanity, forward... and they are just getting started. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Science Simplified**

<https://www.scimplified.com/>

Science Simplified (scimplified.com) is a platform bringing you the latest news from science, health and technology through public and private customisable streams, with integrated metrics and a monthly outreach report. As a reader, you can use this platform without having to sign up, similar to other news platforms. You can read all the content and share it through social media. Sign up with scimplified.com to post comments, recommend and bookmark content. You'll be able create a personalized news stream by following topics you are interested in, individual authors, individual organisations, and even entire cities and countries. As a writer, publisher or a representative of a research organisation, you can sign up to publish articles or upload RSS feeds to be added to our database as source of content. You can also monitor your contribution score and position of your organisation in our outreach report. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Folding@home (FAH or F@h)**

<http://folding.stanford.edu/>

Folding@home (FAH or F@h) is a distributed computing project for disease research that simulates protein folding, computational drug design, and other types of molecular dynamics. As of today, the project is using the idle resources of personal computers owned by volunteers from all over the world. Thousands of people contribute to the success of this project. The Pande Lab is the founding scientific group of Folding@home.



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Directed by Professor Vijay Pande, Ph.D., the lab is part of the Departments of Chemistry and of Structural Biology, Stanford University and Stanford University Medical Center, and works on theory and simulations of how proteins, RNA, and nanoscale synthetic polymers fold. They founded the project, developed methods for using distributed computing to study long timescale dynamics, pushed its application to protein folding, and wrote the client software and server code for the Folding@home project. The members of the group involved with Folding@home are listed on our web page. This will be added to [Grid, Distributed and Cloud Computing Resources](#) Subject Tracer™. This will be added to [Healthcare Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Seti@home**

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

SETI@home is a scientific experiment, based at UC Berkeley, that uses Internet-connected computers in the Search for Extraterrestrial Intelligence (SETI). You can participate by running a free program that downloads and analyzes radio telescope data. This will be added to [Grid, Distributed and Cloud Computing Resources](#) Subject Tracer™. This will be added to [Astronomy Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **VOMI Global Think Tank**

<https://vomiglobalthinktank.com/>

The Objective of VOMI Global Think Tank is to advocate on behalf of stakeholders from around the globe as well as spearhead the formulation of policies for the rapid introduction and explosion of virtual organizations worldwide. These stakeholders include the titans and futurists of industry, academia, government and others from around the globe who have a stake in the arrival of this world of virtual organizations we call: The New Virtual Organization World. The Think Tank also functions as an advisory body to business and world leaders on all matters pertaining to the implementation of virtual organizations at local, regional, and international levels. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Virtual Organization Management Institute**

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

The world's leading and only repository of papers and articles on Virtual Organization Management :: Virtual Organization Recruitment :: and the world of Virtual Organizations we call "The New Virtual Organization World." This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial](#)



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## **Broad Institute - Propelling the Understanding and Treatment of Diseases**

<https://www.broadinstitute.org/>

Broad Institute of MIT and Harvard was launched in 2004 to improve human health by using genomics to advance our understanding of the biology and treatment of human disease, and to help lay the groundwork for a new generation of therapies. The institute was founded to seize the opportunity that arose from the Human Genome Project the international effort that successfully deciphered the entire human genetic code. Despite that accomplishment, scientists knew they still lacked a clear understanding of the genetic basis of disease, and how to translate that understanding into more effective prevention, diagnosis, and treatment. To reach these goals, it was clear that a new type of research institution had to be created. The traditional academic model of individual laboratories working within their specific disciplines was not designed to meet the emerging challenges of biomedicine. To gain a comprehensive view of the human genome and biological systems, they instead had to work in a highly integrated fashion. That meant working in nimble teams that combined biology, chemistry, mathematics, computation, and engineering with medical science and clinical research. It also meant working at a scale usually seen in industry, with access to world-class infrastructure. At the same time, this institution had to foster an atmosphere of creativity, risk-taking, and open sharing of data and research. Finally, this new model needed to seek collaborations beyond its borders. Broad Institute is an “experiment” in this new way of doing science. It spans some of Boston’s leading institutions (Harvard, MIT, and Harvard-affiliated hospitals) and scientific disciplines (biology, chemistry, medicine, computer science, and engineering). Today, the Broad community includes more than three thousand scientists, committed to advancing research in areas including infectious disease, cancer, psychiatric research, and cardiovascular disease. Embedded in this new approach to doing science, are our values including: a) Propelling the understanding and treatment of disease. Broad Institute is empowering a revolution in biomedicine to accelerate the pace at which the world conquers disease; b) Collaborating deeply - Broad Institute is a mission-driven community that brings together researchers in medicine, biology, chemistry, computation, engineering, and mathematics from across MIT, Harvard, and the Harvard-affiliated hospitals, along with collaborators around the world; c) Reaching globally - Broad Institute is committed to addressing medical challenges across the world, including collaborating with scientists and public health experts to address important needs in developing countries; d) Empowering scientists - Broad Institute fosters an environment in which scientists can take risks on bold ideas with transformative potential; e) Building partnerships - Broad Institute works to build and sustain international consortia to speed discovery in areas including psychiatric research, infectious disease, cardiovascular disease, and cancer; f) Sharing data and knowledge - Broad Institute is committed to making the extensive data, methods, and technologies it generates rapidly and readily accessible to the scientific community to drive biomedical progress around the world (Read about our principles for disseminating scientific innovations); and g) Promoting

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inclusion - Broad Institute believes that progress in biomedical research requires a fully inclusive community across sex, race, ethnicity, sexual orientation, age, and gender identity. This will be added to Healthcare Resources Subject Tracer™ Information Blog. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Patient Innovation**

<https://patient-innovation.com/>

A platform created for patients and those who care about them to share and access useful solutions to cope with their diseases. They are driven by a fundamental challenge: To connect patients, caregivers, and collaborators from all over the world, enabling the sharing of solutions, treatments, devices, and other relevant knowledge. This will be added to Healthcare Resources Subject Tracer™ Information Blog. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **SciStarter - Science We Can Do Together**

<https://scistarter.com/>

SciStarter is the place to find, join, and contribute to science through more than 1600 formal and informal research projects, events and tools. Our database of citizen science projects enables discovery, organization, and greater participation in science. This is also the place to track your contributions, bookmark things you like, and access the tools and instruments needed to get started. Learn more about citizen science and check out these Ten Principles of Citizen Science. SciStarter grew out of Master's project Darlene Cavalier was working on at the University of Pennsylvania. SciStarter was soon organized as an LLC and in 2014 SciStarter was adopted in part by Arizona State University's School for the Future of Innovation in Society. With support from the National Science Foundation, Arizona State University's Center for Engagement and Training in Science and Society and SciStarter created SciStarter 2.0: a) An identity management system and open integrated registration for participants to more easily engage in multiple citizen science projects, even across platforms and disciplines; b) GIS implementation so would-be participants can find opportunities near them; c) Ability for participants to track their projects, contributions, and volunteer hours to science; and d) Participants can create privacy-protected profiles and find people and projects of interest to them. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.



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## **Benefunder - Hybrid Funding Channel for Research and Innovation**

<https://www.benefunder.com/>

Benefunder is a hybrid organization that has created a new funding channel for research and innovation while providing philanthropists with a smarter and more meaningful way to give. Benefunder is the first marketplace that matches philanthropists directly with research and other programs at top institutions. They bring access, efficiency, and engagement to donors, facilitating greater impact while providing a scalable source of funding for principal investigators. Benefunder integrates with wealth management by partnering with donor-advised fund (DAF) administrators. They act as a philanthropic specialist to financial advisors, private bankers, and family offices, allowing them to expand their service and relationship opportunities. Benefunder is reducing the innovation deficit by providing a new funding channel for research and promoting commercialization. They help donors enhance their impact, reduce overhead, and increase engagement through their giving. Creating more meaningful and effective charitable giving helps enhance lives and invigorate the economy. They are disrupting the philanthropic landscape by providing critical funding to keep pushing innovation forward. This will be added to Financial Sources Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

## **Consano - Directly Support Medical Research That Matters To You**

<https://consano.org/>

Consano is a platform that enables you to donate any amount (small or large!) directly to a medical research project that matters to you. Usually medical research is paid for by large grants from government or other large funding institutions. Consano is part of a new movement to connect individuals directly to specific medical research projects. By harnessing the power of a crowd, we aggregate donations so the public can directly choose and support high quality medical research, pooling their money with others who care about the same health issues. The Consano platform is: a) Transparent: 100% of your donation goes directly to support the project of your choice. Consano funds its overhead from corporate partnerships, foundation grants, and private donations. You can feel confident that your money is being spent exactly where you intended; b) Directed: You have the power to direct your donation to the project that resonates with you; and c) Connected: Stay informed throughout the lifecycle of your project via regular updates from the researcher. See why others choose to support medical research on our Stories page. Learn about new advances in the health issues that matter to you through articles and discussions posted on our Blog. As we accept new projects, revisit Consano and see how other important projects are looking to advance medical progress. This will be added to [Financial Sources](#) Subject Tracer™. This will be added to [Healthcare Resources](#) Subject Tracer™., This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.



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## **Experiment - Platform for Funding Scientific Discoveries**

<https://experiment.com/>

Experiment is a community for funding and sharing real scientific discoveries. Over 127,000 members supporting 744 funded experiments are helping to push the boundaries of knowledge. You can fund a dinosaur fossil excavation, a historical study of medieval monestaries, or an experiment on the International Space Station. If it helps unlock new knowledge, then we can fund it. They have the technology. Every dollar you contribute towards science helps push the boundaries of knowledge. Backers directly fund the project scientists, so there is no overhead involved (compared 50-60% when receiving a grant at a university). Experiment is an all-or-nothing funding platform. This means the project must reach the funding target, or no one's pledges are charged. Anyone can start a new experiment, as long as the results can be shared openly. All projects are rigorously reviewed, provided feedback, and scientifically approved by the Experiment team. Scientists share progress, data, and results directly with backers, many widely available as open access and citeable. As a backer, you'll be able to see how much of a scientific impact you've made. There have been 20 published papers in scientific journals through funded experiments! This will be added to [Knowledge Discovery](#) Subject Tracer™. This will be added to [Financial Sources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

## **Thinkable - World's First Purpose-built Platform to Mobilize Knowledge & Fund Breakthrough Ideas**

<https://www.thinkable.org/>

They are the world's first purpose-built platform to mobilize knowledge & fund breakthrough ideas. They exist to be a catalyst for learning, science & innovation. We believe technology can, and will, transform how the world engages and funds breakthrough ideas and the people behind them. Everyone should have the ability to learn from, and collaborate with the world's scientific experts and PhD's. By cultivating a new era of communication and sharing, it will help those seeking scientific knowledge while supporting the most innovative researchers. Our mission at Thinkable is to empower anyone to learn, collaborate and fund a new generation of researchers and innovators to change the world. This will be added to [Knowledge Discovery](#) Subject Tracer™. This will be added to [Financial Sources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

## **LIMSwiki - Laboratory, Health, and Science Informatics Encyclopedia**

[https://www.limswiki.org/index.php/Main\\_Page](https://www.limswiki.org/index.php/Main_Page)

LIMSwiki is a collaborative wiki dedicated to the scientific community, featuring organized, documented, and up-to-date content regarding all aspects of laboratory informatics, bioinformatics, and health informatics. LIMSwiki also strives to maintain



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relevant knowledge about laboratory equipment as well as commercial and open-source software likely to be used in a laboratory setting. This also includes the vendors of such equipment and software. Like any community wiki, the value and success of LIMSwiki is dependent upon the scientific community contributing their vast knowledge through the creation of relevant articles and editing of existing articles where knowledge is absent. This will be added to [Biological Informatics](#) Subject Tracer™. This will be added to [Healthcare Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Antibody Registry**

<http://antibodyregistry.org/>

The Antibody Registry gives researchers a way to universally identify antibodies used in their research. The Antibody Registry assigns unique and persistent identifiers to each antibody so that they can be referenced within publications. These identifiers only point to a single antibody, this allows the antibody used in your methods section to be identified by humans and search engines. The Antibody Registry includes commercial antibodies from hundreds of commercial vendors and thousands of individual labs. If the antibody that you are using does not appear in the list, please add your antibody by using the catalog number and the url of the vendor. Our curators can use the url to find information on the antibody and material data sheets. Home-grown antibodies may be added as well (additional information may be required). After submitting an antibody, a permanent identifier will be assigned. This identifier can be quickly traced back in The Antibody Registry. We never delete records, so even when an antibody disappears from a vendor's catalog, or is sold to another vendor, we can trace the provenance of that antibody. This will be added to [Biological Informatics](#) Subject Tracer™. This will be added to [Healthcare Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Resource Identification Initiative**

<https://www.force11.org/group/resource-identification-initiative>

The Resource Identification Initiative has been launched and moved beyond a pilot phase. We invite publishers, editors, authors, biocurators, librarians, resource provides, and vendors to participate. Authors can participate by adding RRIDs to their papers, go to [scicrunch.org/resources](http://scicrunch.org/resources). The Resource Identifiers (RRIDs) are in the published literature; publications currently reporting RRIDs can be found in Google Scholar PubMed Central or PubMed. The Resource Identification Initiative (#RRID) is designed to help researchers sufficiently cite the key resources used to produce the scientific findings reported in the biomedical literature. A diverse group of collaborators are leading the project, including the Neuroscience Information Framework and the Oregon Health & Science University Library, with the support of the National Institutes of Health and the International Neuroinformatics Coordinating Facility. Resources (e.g. antibodies, model



organisms, and software projects) reported in the biomedical literature often lack sufficient detail to enable reproducibility or reuse. For example, catalog numbers for antibody reagents are infrequently reported, and the version numbers for software programs used for data analysis are often omitted. This has been called out as a serious enough problem by the NIH to introduce new guidelines for Rigor and Transparency for almost all awards in starting in May of 2016. These guidelines argue for authentication of key research resources, and transparency of how they are reported. The Resource Identification Initiative aims to enable resource transparency within the biomedical literature through promoting the use of unique Research Resource Identifiers (RRIDs). In addition to being unique, RRID's meet three key criteria, they are: 1) Machine readable; 2) Free to generate and access; and 3) Consistent across publishers and journals. This will be added to [Biological Informatics](#) Subject Tracer™. This will be added to [Healthcare Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Transcriptic - Discovery Biology On Demand**

<https://www.transcriptic.com/>

At Transcriptic, our mission is to turn biology into an information technology, driven by data, computation, and high-throughput robotics with the goal of substantially advancing drug discovery. Our team brings together deep expertise in biology, automation, and software engineering to set new standards for the way research is done. This will be added to [Biological Informatics](#) Subject Tracer™. This will be added to [Healthcare Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Protocol Exchange**

<https://www.nature.com/protocolexchange>

Welcome to Protocol Exchange from Nature Protocols. The Protocol Exchange is an open resource where the community of scientists pool their experimental know-how to help accelerate research. Discover the protocols, share a protocol, join a lab group, comment on protocols, organize your favorites and personalize your experience. This will be added to [Biological Informatics](#) Subject Tracer™. This will be added to [Healthcare Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **ExploreProtocols.io - Share and Discover Life Science Methods**

<https://www.protocols.io/>

Discover free, up-to-date research protocols and useful content in your field of interest. Features include: a) Version, modify, and discuss existing protocols - You can "clone" protocols in order to be able to modify existing protocols from other scientists. You can also ask questions and comment on step-level or on the entire protocols; b) Create and



"run" protocols - You can easily create personal protocols. You can keep them private, share with collaborators, or publish publicly on the platform. Each protocol is also "runnable" on the web or your mobile device so you can follow it step-by-step as you experiment at the bench; and c) Collaborate with groups - You can create a private or public group for collaboration. Groups can be individual labs or broader communities. This will be added to [Biological Informatics](#) Subject Tracer™. This will be added to [Healthcare Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Protocol Online - Your Lab's Reference Book**

<http://www.protocol-online.org/>

Protocol Online, brought to you by POL Scientific, is a database of research protocols in a variety of life science fields. It contains protocols contributed by worldwide researchers as well as links to web protocols hosted by worldwide research labs, biotech companies, personal web sites. The data is stored in a MySQL relational database. Protocol Online also hosts discipline specific discussion forums (BioForum), and provides a free PubMed search and alerting service (PubAlert). This site was created in June 1999 by Dr. Long-Cheng Li while he was a postdoc in UCSF and is still maintained by him. Later, he became an Associate Professor in UCSF and a Professor in Peking Union Medical College Hospital. This will be added to [Biological Informatics](#) Subject Tracer™. This will be added to [Healthcare Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Scientific Protocols - Free and Easy Way To Share Scientific Protocols**

<https://protocols.scienceexchange.com/>

Features include: a) Built on GitHub - Scientific Protocols is built on the GitHub API. Find out how GitHub allows Scientific Protocols to provide easy and powerful ways to share your protocols and track changes; b) Reproducibility - The aim of the Reproducibility Initiative is to identify and reward high quality reproducible research via independent validation of key experimental results; and c) GitHub for Science - GitHub can be used for much more than just storing code. Find out more about how GitHub is being used to help scientists build the latest open source tools for science and achieve amazing things. This will be added to [Biological Informatics](#) Subject Tracer™. This will be added to [Healthcare Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.



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## Grant Forward - Start Moving Your Research Forward

<https://www.grantforward.com/>

GrantForward provides you with: a) GrantForward's specialized search algorithm and team of specialists allows us to constantly add new and accurate funding opportunities; b) GrantForward's adaptive search filters make it quick and easy to find the perfect grant opportunities to start moving your research forward; and c) GrantForward incorporates a dynamic search engine with a personalized funding recommendation service to simplify the grant search process. Features include: 1) Extensive Database with over 9,000 Sponsors and growing - GrantForward uses specialized data-crawling technology to constantly update our extensive database of sponsors and funding opportunities, allowing thousands of grant opportunities to be gathered from over 9,000 US Sponsors. Every grant opportunity is thoroughly analyzed and then verified by our team of specialists to ensure accuracy; 2) Dynamic Search Engine - Advanced, Fast, and Adaptive - GrantForward seamlessly combines ease-of-use with powerful search features to enable you to easily narrow down thousands of options to the opportunities that provide an exact fit for your research. Our search algorithm and adaptive search filters prevent you from wasting time sifting through grants that aren't relevant to your research; 3) GrantForward Recommendations - Personalized to your research needs - GrantForward allows you to do more than just search for grants. With a researcher profile, you can receive grant recommendations related to your field and research interests. GrantForward uses your research interests, publications, and other profile information to recommend the best-fitting grant opportunities to you. With GrantForward's recommendation service, your funding search will be simplified to be as easy as possible. This will be added to [Financial Sources](#) Subject Tracer. This will be added to [Grant Resources](#) Subject Tracer™. This will be added to [Biological Informatics](#) Subject Tracer™. This will be added to [Healthcare Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

## Pivot - Connecting Funding and Research Expertise

<https://pivot.cos.com/>

Locating and securing research funding is becoming increasingly competitive, as funding opportunities are limited and the number of researchers vying for those dollars continues to grow. Pivot™ answers the growing demands on research developers to quickly discover the right funding opportunities and effectively collaborate with their colleagues. With Pivot, ProQuest continues their commitment to empower researchers around the world with tools that they need at various stages of their research lifecycle. Pivot is intuitive and easy to use. It is designed for a researcher – anyone from corporate to academia (faculty, staff researchers, and graduate students) can benefit from using it. Pivot is an unmatched tool that: a) Provides access to the most comprehensive source of funding opportunities globally; b) Identifies researcher expertise from within or outside of your organization; c) Users can search for a funding opportunity and instantly view matching faculty from inside or outside their institution. Conversely, a search for a



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scholar will link to matching funding opportunities; d) Allows the focus to be on winning the necessary awards and grants; e) Enables you to add internal deadlines to critical funding opportunities and sends weekly updates on saved searches; f) Users can receive alerts whenever new matching opportunities are posted that match their saved searches; g) Create groups for sharing funding opportunities on an ongoing basis; and h) Enhances communication, monitoring, and tracking amongst individual faculty, teams, or researchers and the Research Development office. This will be added to [Financial Sources](#) Subject Tracer. This will be added to [Grant Resources](#) Subject Tracer™. This will be added to [Biological Informatics](#) Subject Tracer™. This will be added to [Healthcare Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **February 2018 Zillman Column - 2018 Tools for Current Awareness**

[http://columns.virtualprivatelibrary.net/Current\\_Awareness\\_Tools\\_2018\\_Feb18\\_Column.pdf](http://columns.virtualprivatelibrary.net/Current_Awareness_Tools_2018_Feb18_Column.pdf)

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

The February 2018 Zillman Column features **2018 Tools for Current Awareness** by Marcus P. Zillman, M.S., A.M.H.A.; Executive Director of the Virtual Private Library. This is a comprehensive listing of icurrent awareness tools including search engines, directories, subject guides and index resources and sites available on the Internet. The below list of sources is taken from my Subject Tracer™ White Paper titled Current Awareness Tools 2018 and is constantly updated with Subject Tracer™ bots at the following URLs: <http://www.CurrentAwarenessTools.com/>. These resources and sources will help you to discover the many pathways available through the Internet to find the latest current awareness tools. As this site is constantly updated it would be to your benefit to bookmark and return to the above URL frequently to download the latest freely available current awareness resources. Download this excellent freely available 17 page 150KB pdf column today. This is another MUST have column to discover the latest current awareness resources to give you the information you need in today's ever changing and fast paced [2018 New Economy](#) business and academic world!!

### **ACS ChemWorx - Manage Your Research Life**

<https://hp.acschemworx.acs.org/>

ACS ChemWorx is a collaborative reference manager coupled with timesaving tools and services for authors. Spend less time on organizational tasks and publish faster by using ACS ChemWorx to: a) Share your references with the colleagues you choose; b) Generate bibliographies automatically with your colleagues; c) File your references in multiple folders to find them again easily.; d) Access your reference library from all your devices; e) Share documents, data, images, and other files with colleagues you choose; and f) Track metrics for ACS articles. Best of all, because ACS ChemWorx is free, all of your collaborators will always have access to the latest software and the same features, making collaboration even easier. This will be added to [Business Intelligence Resources](#)



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Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Find and Edit CSL Citation Styles**

<http://editor.citationstyles.org/>

Features include: 1) Find a Style - Search by name: If you're looking for a style like APA, Harvard, etc... just use the search box at the top of the page to search for a style name, or journal title. Search by example: If you don't know the name of the style, but know what the final citation should look like, you can use our search by example tool to find styles that most closely match; 2) Edit the style - If you can't find a style that quite suits your needs, find one that's a pretty close match and click the "Edit style" button to open that style in the visual editor; and 3) Use the style - Once you've found a style that's suitable for you to use, simply click the "Install" button on the search results, or "Save" a style you've edited, to use it in your reference manager. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Reference Resources](#) Subject Tracer™.

### **Citavi - Organized Your Knowledge**

<https://www.citavi.com/>

Your reference management, knowledge organization, and task planning solution. Features include: a) Search resources worldwide; b) Manage references; c) Analyze and highlight texts; d) Save ideas and structure your work; e) Plan tasks – on your own or in a team; and f) Write the perfect paper, report, article, or book. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Reference Resources](#) Subject Tracer™.

### **Colwiz - Reference Management Simplified**

<https://www.colwiz.com/>

Reference management - simplified ... Search easily, find relevant articles Cite and generate bibliographies Share and collaborate with your colleague. Features include: 1) Search easily, find relevant articles - a) Find relevant articles quickly amongst millions on colwiz, PubMed, IEEE, ScienceDirect, WorldCat and many more; b) Import PDFs and references on web, desktop and mobile devices; and c) Never worry about duplicating articles, colwiz keeps an eye on it; 2) Save in one place, access anywhere - a) Manage your references and data with secure and automatic cloud backup; b) Use 30GB of free space on the colwiz cloud; and c) Access your content anywhere, from multiple devices; 3) Read what's important, on the go - a) Read PDFs on web, desktop, tablet and mobile devices; b) Annotate and highlight important parts on PDF; and c) Sync your annotations across devices; 4) Cite and generate bibliographies - a) Write your papers in MS Word, Open Office, and LaTeX on any platform easily, using the colwiz Reference Manager; b) Automatically format bibliographies with over 6500 citation styles; and c) Share drafts



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with colleagues and co-authors; 5) Share and collaborate - a) Set up unlimited number of groups with as many members as you would like; b) Share citations and data with your groups and contacts; c) Manage discussions with controlled privacy and access rights; and d) Keep your projects on track through shared calendars and tasks. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Reference Resources](#) Subject Tracer™.

### **Asciidoctor**

<http://asciidoctor.org/>

Asciidoctor is a fast text processor and publishing toolchain for converting AsciiDoc content to HTML5, DocBook 5 (or 4.5) and other formats. Asciidoctor is written in Ruby, packaged as a RubyGem and published to RubyGems.org. The gem is also included in several Linux distributions, including Fedora, Debian and Ubuntu.

Asciidoctor is open source, hosted on GitHub and released under the MIT license. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Reference Resources](#) Subject Tracer™.

### **Liquidsoap - Swiss-army Knife for Multimedia Streaming**

<http://liquidsoap.fm/>

Our flagship is liquidsoap, a swiss-army knife for multimedia streaming, notably used for netradios and webtv's. It has tons of features, it's free and it's open-source! Liquidsoap is a powerful and flexible language for describing your streams. It offers a rich collection of operators that you can combine at will, giving you more power than you need for creating or transforming streams. But liquidsoap is still very light and easy to use, in the Unix tradition of simple strong components working together. Some examples of what you can do using Liquidsoap: 1) static or dynamic playlists; 2) time-based selection of the audio source; 3) quota- or time-based insertions or mixes of jingles; 4) live DJ interventions; 5) interactive user requests; 6) fully-customizable transitions, e.g. crossfading; 7) speech-synthesis of track metadata; 8) simple access to remote files; and 9) and much more! This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Reference Resources](#) Subject Tracer™.

### **Machine Learning Cheat Sheet**

<https://github.com/soulmachine/machine-learning-cheat-sheet>

This cheat sheet contains many classical equations and diagrams on machine learning, which will help you quickly recall knowledge and ideas on machine learning. The cheat sheet will also appeal to someone who is preparing for a job interview related to machine learning. This will be added to [Artificial Intelligence Resources](#) Subject Tracer™.



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### **eLIFE - Open-access Journal That Publishes Promising Research in the Life and Biomedical Sciences**

<https://elifesciences.org/>

eLife is a non-profit organisation inspired by research funders and led by scientists. Our mission is to help scientists accelerate discovery by operating a platform for research communication that encourages and recognises the most responsible behaviours in science. eLife publishes important research in all areas of the life and biomedical sciences. The research is selected and evaluated by working scientists and is made freely available to all readers without delay. eLife also invests in innovation through open-source tool development to accelerate research communication and discovery. Our work is guided by the communities we serve. eLife was founded in 2011 by the Howard Hughes Medical Institute, the Max Planck Society and the Wellcome Trust, who provide financial support and strategic guidance. In 2017, eLife introduced publication fees to cover some of our core publishing costs. Annual reports and financial statements are openly available. This will be added to [Biological Informatics](#) Subject Tracer™. This will be added to [Healthcare Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Reference Resources](#) Subject Tracer™.

### **GigaScience Journal**

<https://academic.oup.com/gigascience>

GigaScience aims to revolutionize publishing by promoting reproducibility of analyses and data dissemination, organization, understanding, and use. As an open access and open-data journal, we publish ALL research objects (data, software tools and workflows) from 'big data' studies across the entire spectrum of life and biomedical sciences. These resources are managed using the FAIR Principles for scientific data management and stewardship that state that research data should be Findable, Accessible, Interoperable and Reusable. To achieve our goals, the journal has a novel publication format: one that links standard manuscript publication with an extensive database that hosts all associated data and provides data analysis tools and cloud-computing resources. GigaDB provides a direct link between the published manuscript and the relevant supporting data. We have also built GigaGalaxy, a Galaxy-based data analysis platform to host computational methods and workflows, maximizing use of the data, tools and workflows in our papers in a more accessible and reproducible environment. Our scope covers not just 'omic' type data and the fields of high-throughput biology currently serviced by large public repositories, but also the growing range of more difficult-to-access data, such as imaging, neuroscience, ecology, cohort data, systems biology and other new types of large-scale sharable data. All articles and content (including blogs and peer reviews) published by

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### **Writefull - A New Way of Writing With Confidence**

<https://writefullapp.com/>

Writefull is an app that gives feedback on your writing by checking your text against databases of correct language. You can use Writefull in any writing tool - from MS Word to Gmail. Simply select a piece of text, hit the short-key to activate Writefull, and choose one of its many options: 1) Check how often your selected text is found in the language database, and see how it is used in context; 2) Hear how your text is pronounced; 3) Translate from any language into English; 4) Enter two chunks and compare how often they are found in the database. Also see how they are used in context; 5) Find out which words are used most often in a gap in your selected text; and 6) See which synonyms of a given word are used most often in your selected text. Writefull uses large language databases to search for the frequency of chunks of text. The databases used are Google Books, Google Scholar, Google News, and Google Web. All you need to do is select a chunk of text (in whatever writing tool you use), activate the Writefull popover, and request the information you need. Yes, it's free. Their priority is building the product that fits your needs. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Reference Resources](#) Subject Tracer™.

### **Ref-N-Write - Lookup and Learn**

<http://www.ref-n-write.com/>

It has been discovered that one of the effective methods to improve writing skills is to practice imitative learning, where one looks up for statements of similar style, type and tone from previous documents and inherits some aspects into their writing. REF-N-WRITE provides a perfect platform for practicing imitative learning. Just drag-and-drop high quality documents and lookup for subject specific vocabulary and language ideas while you write. REF-N-WRITE has an academic phrase bank containing 20,000 frequently used academic/scientific phrases and templates. Non-native English speakers and international students will find this resource very useful to improve their academic writing skills. Native English speakers will find this resource very handy to paraphrase their text. Why write from scratch when you have already written something similar



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before? Just import your previous documents into REF-N-WRITE, and recycle your text and save time. Check for self-plagiarism in REF-N-WRITE after recycling to avoid academic misconduct. Just drag and drop your personal files from your computer, shared network drive or cloud. Search through the documents within Microsoft Word and gather writing and language ideas while writing. Get sentence, paragraph and document level results. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Reference Resources](#) Subject Tracer™.

### **Ludwig - Find Your Sentence**

<https://ludwig.guru/>

Ludwig is a smart translator and linguistic search engine which helps you to find the perfect word or sentence to express your ideas. By leveraging the most powerful learning tool that humans have, the ability to imitate, we developed a tool that advises people on how to put down their ideas in words with inspiration and confidence. We built a gigantic database with millions of correct English sentences and an algorithm specialized in language so that you can compare any of your English phrases with a set of similar correct and contextualized ones. Ludwig is for anyone who struggles with English writing, regardless of their English skills. Students, professors, startupper, top managers, and many others share the need to constantly produce English content both for their professional and personal lives. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Reference Resources](#) Subject Tracer™.

### **LIMN - Scholarly Magazine Devoted To Outlining Contemporary Problems**

<http://limn.it/>

Limn outlines contemporary problems. It draws material from networks of experts in the social and human sciences and is intended to be timely, diverse in perspective, authoritative, well written and beautifully designed. The focus is on contemporary problems in our global, politically interconnected, technologically intense culture: problems of infrastructure, ecological vulnerability, economic interdependence, and relentless technological invention. A core goal of Limn is to provide genealogical framings that upset the often polarized, stale or static narratives offered in the media or public discussion. Contributors are chosen in light of these issues and because they can provide authoritative and unexpected insight into a problem more quickly and more accessibly than is possible through the current system of academic publishing. Limn is somewhere between a scholarly journal and an art magazine. It is an attempt to communicate and display ongoing scholarly research. Central to our vision is a process that differs from both scholarly and popular publications. Limn has three executive editors, but each issue is organized, debated and designed by an editorial team. That team

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is expected to actively explore the topic of the issue, pose it as a conceptual problem, not just a theme, and determine the most appropriate contributors. Contributions are reviewed and carefully edited by the editorial team, as well as shared amongst the contributors in order to promote collective work on the concept and the issue. Limn responds to problems with a visible public life. Limn appears as necessary and in response to shifting contemporary debates. There is no “call for contributions”—rather, the concept proposed by a team of editors should implicate a specific set of researchers, from multiple disciplines and including practitioners, however defined. Contributions should be concise, represent ongoing research, and be written for a general academic audience. Limn is serious about both scholarship and design. Contributions to Limn are held to high standards by the editors, who challenge contributors to improve the work, bring it into conversation with other contributors, and find images, objects and other artifacts related to the topic. The design of Limn is integral to the scholarship, with a focus on communicating concepts and problems through images or design elements and a commitment to the creation of a more accessible and engaging medium. Limn exists both as an online site (open access and open to experiments in media) and in print—because it looks awesome in your hands. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Reference Resources](#) Subject Tracer™.

### **PeerJ - Award Winning Biological, Medical, and Environmental Sciences Journal**

<https://peerj.com/>

To solve our greatest challenges we need a 21st century update to scholarly communication. Their mission is to efficiently publish the world's knowledge. They do this through Internet-scale innovation and Open Access licensing to save your time, your money, and to maximize recognition of your contributions. They aim to drive the costs of publishing down for the academic community, while improving the overall publishing experience, and providing authors with a publication venue suitable for the 21st Century. They have two peer-reviewed publications: "PeerJ" serving the Biological, Medical and Environmental sciences and "PeerJ Computer Science." Additionally we publish "PeerJ Preprints", which is an innovative ‘preprint server’ covering Biology, Medical, Environmental and Computer Science. Authors can pay either a low-cost per article publication fee (i.e. APC) or for a lifetime publishing membership, which gives them the ability to publish their articles with them for free. The Q&A + annotations platform provides a second route to recognizing contributions for knowledge-share. This will be added to [Healthcare Resources](#) Subject Tracer™. This will be added to [Biological Informatics](#) Subject Tracer™. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Reference Resources](#) Subject Tracer™.



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## **The Winnower - Open Access Online Scholarly Publishing Platform**

<https://thewinnower.com/>

The Winnower is an open access online scholarly publishing platform that employs open post-publication peer review. You guessed it! They think transparency from start to finish is critical in scientific communication. Their aim is to revolutionize science by breaking down the barriers to scientific communication through cost-effective and transparent publishing for scholars. This will be added to [Healthcare Resources](#) Subject Tracer™. This will be added to [Biological Informatics](#) Subject Tracer™. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Reference Resources](#) Subject Tracer™.

## **arXiv.org - Open Access e-Prints**

<https://arxiv.org/>

Open access to 1,330,210 e-prints in Physics, Mathematics, Computer Science, Quantitative Biology, Quantitative Finance, Statistics, Electrical Engineering and Systems Science, and Economics. Started in August 1991, arXiv.org (formerly xxx.lanl.gov) is a highly-automated electronic archive and distribution server for research articles. Covered areas include physics, mathematics, computer science, nonlinear sciences, quantitative biology, quantitative finance, statistics, electrical engineering and systems science, and economics. arXiv is maintained and operated by the Cornell University Library with guidance from the arXiv Scientific Advisory Board and the arXiv Member Advisory Board, and with the help of numerous subject moderators. Users can retrieve papers from arXiv via the web interface. Registered authors may use our web interface to submit their articles to arXiv. Authors can also update their submissions if they choose, though previous versions remain available.

Listings of newly submitted articles in areas of interest are available via the web interface, via RSS feeds, and by subscription to automatic email alerts. This will be added to [Healthcare Resources](#) Subject Tracer™. This will be added to [Biological Informatics](#) Subject Tracer™. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Reference Resources](#) Subject Tracer™. This will be added to [New Economy Resources](#) Subject Tracer™.

## **exec&share - Sharing Code and Data That Underlies Research Publications**

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

exec&share is a novel cloud-based platform that enables scientists to openly share the code and data that underlie their research publications. This service is based on the innovative concept of a companion website associated with a scientific publication. The code is run on a computer cloud server and the results are immediately displayed to the user. As simple as 1,2,3: 1) A researcher has an idea; 2) The researcher writes a paper based on this idea; AND 3) Using exec&share, the researcher creates a companion



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website associated with this paper. The companion website allows people to implement the methodology presented in the paper. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Google Charts - Display Live Data On Your Site**

<https://developers.google.com/chart/>

Google chart tools are powerful, simple to use, and free. Try out our rich gallery of interactive charts and data tools. Features include: a) Rich Gallery - Choose from a variety of charts. From simple scatter plots to hierarchical treemaps, find the best fit for your data; b) Customizable - Make the charts your own. Configure an extensive set of options to perfectly match the look and feel of your website; c) HTML5 / SVG - Cross-browser compatibility (adopting VML for older IE versions) and cross-platform portability to iOS and new Android releases. No plugins are needed; d) Free - Use the same chart tools Google uses, completely free and with three years' backward compatibility guaranteed; e) Controls and Dashboards - Easily connect charts and controls into an interactive dashboard; and f) Dynamic Data - Connect to your data in real time using a variety of data connection tools and protocols. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **RunMyCode - Enables Scientists To Openly Share the Code and Data That Underlie Their Research Publications**

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

RunMyCode is an online repository allowing people to share and download computer code and data associated with scientific publications (articles and working papers). The RunMyCode website is operated by a not-profit making scientific association called the RunMyCode Association. The mission of the Association is to make academic easier to use and easier to replicate. RunMyCode is currently funded by several national research agencies and universities. RunMyCode follows three main objectives: The first objective is to allow researchers to quickly disseminate internationally the results of their research, which will considerably increase the potential of citations of scientific papers. The second objective is to provide a very large community of users with the ability to use the latest scientific methods. This will speed up the process of converting scientific results into productive forces. The third objective is to allow members of the academic community (researchers, editors, referees, etc.) to replicate scientific results and to demonstrate their robustness. A companion website is a website allowing people to download the computer code and data associated with a scientific publication (articles and working papers). A companion website consists of three main parts. The upper panel provides information about the publication including title, authors, link to the abstract and paper. The central panel presents the “RunMyCoders”, i.e., the researchers who share their code and data. Note that they may or may not be the authors of the publication. The lower panel includes a presentation of the files available for download, as well as some



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statistics about the companion website. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **ORCID - Connecting Research and Researchers**

<https://orcid.org/>

ORCID's vision is a world where all who participate in research, scholarship, and innovation are uniquely identified and connected to their contributions across disciplines, borders, and time. ORCID provides an identifier for individuals to use with their name as they engage in research, scholarship, and innovation activities. They provide open tools that enable transparent and trustworthy connections between researchers, their contributions, and affiliations. They provide this service to help people find information and to simplify reporting and analysis. ORCID is a not-for-profit organization, sustained by fees from our member organizations. Their work is open, transparent, and non-proprietary. They are guided by the principles of privacy and researcher control, and the vision of identifier-enabled research information infrastructure. They make decisions collaboratively, involving our staff, Board, those who support their mission, and the researchers and community that are the purpose of their work. They take a global view. They have a diverse team, deployed internationally in their "virtual office. They We engage with a wide range of organizations and people to ensure broad viewpoints. They strive to be a trusted component of research infrastructure with the goal of providing clarity in the breadth of research contributions and the people who make them. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™

### **SHERPA RoMEO - Online Resource That Aggregates and Analyses Publisher Open Access Policies**

<http://www.sherpa.ac.uk/romeo/>

SHERPA RoMEO is an online resource that aggregates and analyses publisher open access policies from around the world and provides summaries of self-archiving permissions and conditions of rights given to authors on a journal-by-journal basis. RoMEO is a Jisc service and has collaborative relationships with many international partners, who contribute time and effort to developing and maintaining the service. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Journal Reviewer**

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

JournalReviewer is an independent site that aggregates information users provide about their experience with academic journals' review processes so that others can be as informed as possible as they consider journal submissions. Their goal is to provide users



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with detailed information to help them choose the best journal for the specific details of their unique submission situation. Academic journal publishers and related organizations provide a lot of information about their journals. Editors. Editorial boards. Impact factors. Submission guidelines. That information is very helpful. If you're a researcher publishing in academic journals, though, it's very likely you've heard someone ask for, wonder about, or wish for other information about journals that isn't so easy to find. How many reviews will a manuscript get? How thorough are the reviews? How long does it actually take to get a review back? Is the feedback helpful? After a typical discussion with a colleague who was experiencing a long manuscript review period and wondering if it was normal for that journal, they decided that they could pool the experiences of journal submitters to provide even more useful information about academic journals than what is typically available. Thus, JournalReviewer was born. As a supplement to the information provided by journals and organizations that rank and index them, JournalReviewer collects and aggregates feedback from users who have submitted manuscripts to journals to provide an information resource for others considering journal submissions. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Cofactor - Journal Selector**

<http://cofactorscience.com/>

The idea for Cofactor arose out of the experience of their founder, Anna Sharman. In her years in the lab as a biologist, as a journal editor and as a freelance editor Anna saw the disconnect between what researchers submitted to journals and what the journals wanted. She saw how journals are cutting costs and offering less copyediting and proofreading of research papers after they are accepted, relying instead on authors to get their papers checked. She saw how quickly the world of scientific publishing is changing and how difficult researchers find it to keep up with new developments. She learnt about open access, new forms of peer review, new ways of processing and presenting research results, and new standards for publication. Finding this new world exciting, Anna wanted to help researchers navigate their way through the publication process. And Anna wanted to help researchers. She had been a PhD student and postdoc herself, struggling to publish enough to get the next job, so she knew the pressures researchers are under. After fifteen years working for publishers she decided to change her focus to helping scientists. So she gathered a team of highly qualified freelance editors around her and launched Cofactor. Now Cofactor has been established for over three years and has over 50 freelance editors. Our workshops have taken place in more than 20 universities and institutes in the UK, Europe and further afield. Hundreds of scientists have benefited from Cofactor's expert editing and advice, and many more will in the future. In biochemistry, a cofactor is a small molecule or even an atom that helps an enzyme to do its job. Cofactor is here to help you do your job as a scientist. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This



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will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **SciRev - Speeding Up Scientific Knowledge Production**

<https://scirev.org/>

SciRev.sc is a website made by researchers for researchers. The information they receive is freely available to the entire research community. By offering researchers the possibility to share their experience with the review process, they aim to make the scientific review process more transparent. Efficient journals get credits for their efforts to improve their review process and the way they handle manuscripts. Less efficient journals are stimulated to put energy in organizing things better. Researchers can search for a journal with a speedy review procedure and have their papers published earlier. Editors get the opportunity to compare their journal's performance with that of others and to provide information about their journal at our website. Their new service, free scientific ads, is meant to strengthen communication among scientists across the globe. Given that their website is visited each day by thousands of researchers from all scientific fields, placing a SciRev ad provides a unique opportunity to send out a message to the global scientific community. The SciRev website is facilitated by the SciRev Foundation, which aims to help science by making the peer review process more efficient. This process is one of the weakest links in the process of scientific knowledge production. Valuable new knowledge lays untouched at reviewers' desks and editorial offices for extended periods of time. This is an unnecessary loss of time in the scientific process which otherwise has become much more efficient. SciRev helps speeding up this process by making it more transparent. Researchers get the possibility to share their review experiences with their colleagues, who therefore can make a better informed choice for a journal to submit their work to. Journals that manage to set up a more efficient review process and which handle manuscripts better are rewarded for this and may attract more and better manuscripts. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

### **Awarenesswatch™ Paper Review**

**Nerd vs. Bro: Geek Privilege, Idiosyncrasy, and Triumphalism** by *Joseph Reagle*

<http://firstmonday.org/ojs/index.php/fm/article/view/7879>

#### **Abstract:**

Increasingly, geek culture is criticized as one that is biased; in particular, geek claims of meritocracy are thought to be naïve because they do not recognize the privilege (*i.e.*, unseen advantages) of extant members. But some geeks are resistant to this critique.



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Why? Beyond the natural tendency to be defensive and the unproductive comparison of personal suffering, there is a geek-specific reason. Geek identity is informed by the trope of *geek triumphalism*: early *insecurity* is superseded by a sense of *superiority*. Geeks' intelligence, unconventional enthusiasms (e.g., technology and fantasy), and idiosyncratic dress contributed to their marginalization, leading them to believe they would never do the same to others. And these same characteristics, later in life, become sources of success and pride, leading them to think they are more open-minded, objective, and beyond bias.

## **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/>

### Accessibility Resources

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

### Agriculture Resources

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

### AnswerSpot

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

### 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/>



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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/>

Directory Resources  
<http://www.DirectoryResources.info/>

eCommerce Resources  
<http://eCommerceResources.info/>

Education and Academic Resources  
<http://www.EducationResources.info/>

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

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

Entrepreneurial Resources  
<http://www.EntrepreneurialResources.info/>

Fact Checkers Directory  
<http://www.FactCherckers.us/>

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, Distributed and Cloud Computing Resources

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

Healthcare Resources

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

Information Futures Markets

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

Information Quality Resources

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

International Trade Resources

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

Internet Alerts

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

Internet Demographics

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

Internet Experts

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

Internet Hoaxes

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

Intrapreneurial Resources

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

Journalism Resources

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



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Knowledge Discovery

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

Military Resources

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

New Economy Analytics, Resources and Alerts

<http://www.NewEconomyAnalytics.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.ScriptResources.info/>

ShoppingBots

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

Social Informatics

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

Statistics Resources and Big Data

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

Student Research

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

Theology Resources

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

Tutorial Resources

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



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

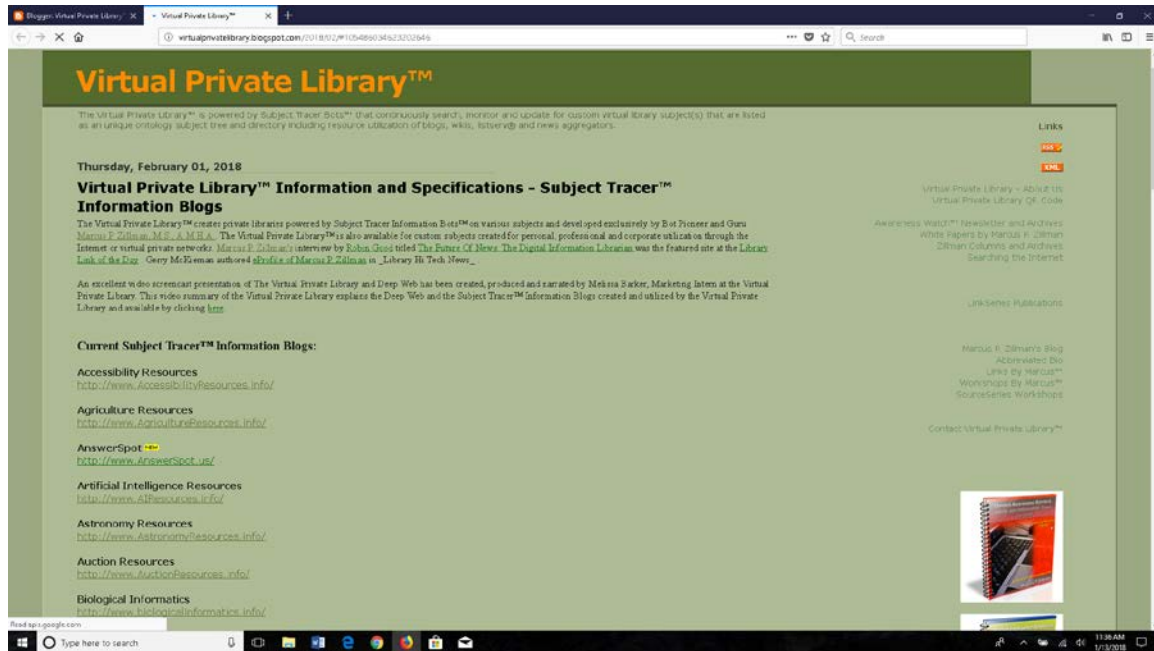


Figure 1: Virtual Private Library™

**Author Information:** Marcus P. Zillman, M.S., A.M.H.A. Executive Director of the Virtual Private Library is an international Internet expert, 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 54 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 (20,000+ Postings)**  
<http://www.zillman.us/>

**Marcus P. Zillman Abbreviated Bio**  
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<http://www.2018DirectoryOfDirectories.com/>

**Academic and Scholar Search Engines and Sources**

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

**Bots, Blogs and News Aggregators 2018**

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



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<http://www.zillman.us/white-papers/current-awareness-discovery-tools-on-the-internet/>

**Deep Web Research and Discovery Resources 2018 Online White Paper**

<http://DeepWeb.us/>

**eMarketing MiniGuide 2018**

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

**eReference Library Link Toolkit 2018**

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

**Finding Experts By Using the Internet 2018**

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

**Finding People Resources and Sites 2018**

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

**Healthcare Bots and Subject Directories 2018**

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

**Knowledge Discovery Resources 2018**

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

**New Economy Resources 2018**

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

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<http://www.zillman.us/white-papers/online-research-browsers/>

**Online Research Tools**

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

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<http://www.zillman.us/white-papers/using-the-internet-as-a-dynamic-resource-tool-for-knowledge-discovery/>

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

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

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

Marcus P. Zillman’s latest report Current Awareness Monitors, Alerts and Information Traps is available for purchase online and for immediate download. This report is a comprehensive listing of the latest resources, sources and sites for current awareness on the Internet. This is a must read for anyone who must stay current in their profession and/or business activity as the list of URLs will keep you at the leading edge of your career.



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### **Entrepreneurial Links 101**

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

Marcus P. Zillman's newly released 231 page eReference digital book for the up and coming entrepreneur. Entrepreneurial Links 101 gives an alphabetical listing of the very best Internet and World Wide Web sites covering Entrepreneur Resources, Business Intelligence Resources and an extremely comprehensive list of Online Research Tools. This is considered by many to be the entrepreneur's bible for finding relevant and competent online resources!

### **Internet Privacy and Security Resources**

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

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.

### **Research Resources Online Guide**

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

Marcus P. Zillman's latest [LinkSeries Publication](#) is a 340 page digital guide of a selected comprehensive alphabetical listing of the latest and greatest resources and sites covering all areas of research that is currently available over the Internet. The guide covers online research resources and tools for the Newbie to research as well as the Seasoned researcher. Contents include: a) Research Resources, b) Research Tools, c) Student Research Resources Toolkit, d) Knowledge Discovery/Management and Data Mining Resources, e) Knowledge Discovery/Retrieval and the World Wide Web Resources, and f) Subject Tracer™ Information Blogs.

### **The Survivor's Manual for The New Economy.**

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

Marcus P. Zillman's latest LinkSeries Publication is a 239 page digital read that gives excellent resources and annotated sources for the new economy analytics, alerts, ecommerce, financial sources, invisible and deep web resources, social and business networking sources along with new economy competitive and business intelligence resources and an extremely comprehensive listing of new economy online tools.



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