Welcome to the V17N5 May 2019 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 Online Research Browsers 2019 and is a comprehensive listing of research browser tools and sources including search engines, directories, subject guides, tracers and index resources and sites on the Internet available for the 2019 year. The below list of active current research browsers tools and sources is taken partially from my Knowledge Discovery Resources 2019 and is constantly updated with my Subject Tracer™ bots at the following URL:

https://www.zillman.us/white-papers/online-research-browsers/

These resources and sources will help you to discover the many pathways available through the Internet to find the latest research browsers, resources, sources, tools 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 for research browsers discovery resources, sources and tools is to use the below listed tools and resources and include the deep web. These resources will be your pathfinder to all the important and ever changing 2019 current awareness sources for staying current in your profession, occupation, and special interest as well as navigating the Internet!!
Online Research Browsers 2019

An Internet MiniGuide Annotated Link Compilation

By

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This Internet MiniGuide Annotated Link Compilation is dedicated to the latest and most competent sources for **Online Research Browsers 2019**. With the constant addition of new and pertinent information coming online every second it is very easy to go into information overload. The true key is to be able to identify the important information and how that information relates to other information resources through information visualization that will aid you in the creation of new intelligence and research data using online research browsers. The following research browser sites offer excellent information research and analysis to help you accomplish that research goal!

**Amazon Browser**
http://www.touchgraph.com/amazon
Amazon Browser powered by TouchGraph is a tool for browsing the mass of literature, music and film contained in the Amazon database, by exploring links between related items. This will launch Amazon Browser in a new window, containing your search terms in the central node, with links to the first 10 search results in the surrounding nodes. Double-clicking on one of the surrounding nodes will expand the graph to include the first 10 related articles. Clicking on the 'inf' icon above each node will display a hint window containing the summary, a link to prices from international Amazon stores, one recommended customer review, and a link that will direct you to the item at Amazon.com, from where you can read more information, add to your shopping cart or wish list and checkout.

**ambiently - Discover Related Websites for Every Webpage You Browse**
http://www.ambiently.com/
Ambiently semantically connects webpages of similar or related meanings together. Click the Ambient Page" bookmarklet on your browser to find unexpected and useful websites for any webpage you are viewing. Ambiently is a startup company developing web applications. Envisioning the broad usage and benefits of creating a page-centric "ambient web" for every page on the web, Ambiently aims to create a new, richer web browsing and search experience for all web users.
AuthorMapper
http://authormapper.com/
AuthorMapper, an online tool for visualizing scientific research, enables document discovery based on author locations and geographic maps. Integrating content and mapping technology, AuthorMapper provides an easy-to-use, dynamic interface that allows you to: a) Explore patterns in scientific research; b) Identify new and historic literature trends; c) Discover wider relationships; and d) Locate other experts in your field.

BASE – Bielefeld Academic Search Engine
https://www.base-search.net/
BASE is one of the world's most voluminous search engines especially for academic web resources. BASE provides more than 100 million documents from more than 5,000 sources. You can access the full texts of about 60% of the indexed documents for free (Open Access). BASE is operated by Bielefeld University Library. They are indexing the metadata of all kinds of academically relevant resources - journals, institutional repositories, digital collections etc. - which provide an OAI interface and use OAI-PMH for providing their contents (see their Golden Rules for Repository Managers and learn more about OAI at the Open Archives Initiative or Wikipedia). The index is continuously enhanced by integrating further sources (you can suggest a source which is not indexed yet). We are working on several new features like a claiming service for authors within the ORCID DE project.

Better World Flux
http://www.betterworldflux.com/
Better World Flux is a beautiful interactive visualization of information on what really matters in life. Indicators like happiness, life expectancy, and years of schooling are meaningfully displayed in a colourful flowing Flux. Better World Flux visually communicates the world state in terms of standards of living and quality of life for many countries and how this has changed, and mostly improved, over a period of up to 50 years. This site is a tool for building a consensus, telling a story and sharing it, all whilst raising awareness for the UN Millennium Development Goals.

BibSonomy - The Blue Social Bookmark and Publication Sharing System
http://www.bibsonomy.org/
BibSonomy helps you to organize your scientific work. Use BibSonomy to collect publications and bookmarks, to collaborate with your colleagues, and to discover interesting researches for your daily work. Features include: 1) Collect - Ready your browser for BibSonomy: Using BibSonomy you can easily create collections of bookmark and publication posts. Just insert bookmarks and publications. You can do this even faster with our BibSonomy browser add-ons or bookmarklets. In addition, you can also use ISBN, ISSN, DOI, or barcodes to have the insert publication form filled up automatically for you. Use tags to organize the posts in your collection. If you choose them carefully, tags are a very powerful instrument; 2) Manage - Easily create
bibliographies: BibSonomy helps you create bibliographies for scientific papers. If you use a specific tag for each bibliography and assign it to all your paper posts accordingly, you can use the tag to find all papers of the bibliography. Afterwards, you can export your publication list in the desired format. BibSonomy supports a lot of formats, e.g. Microsoft Word Reference Manager, EndNote, and BibTeX; 3) Collaborate - Find colleagues or fellow students and use groups for collaboration: Use the search to find other users. On a users page, you can add them as friends. In the friends overview you can see which posts you are sharing with you friends and which posts your friends are sharing with you. Groups offer easier means for collaboration. When adding new posts, set if the post should be private, visible for all, or only visible for certain groups. Because of copyright documents are only visible private. Within a group, they can be made visible to other group members; and 4) Discover - Find interesting content: Discover new interesting publications for your scientific activities. The fulltext search of BibSonomy helps you doing so. Beyond that, you can use the search field to filter your post lists by tags, authors and users. Be inspired by the tag clouds. Click on interesting tags, to filter the post lists for special topics. This way, you can browse through topics easily and find related contents by concept.

CORE
https://core.ac.uk/search
CORE’s mission is to aggregate all open access research outputs from repositories and journals worldwide and make them available to the public. In this way CORE facilitates free unrestricted access to research for all.

Data Visualization and Big Data Analytics
http://www.datameer.com/
Datameer’s extensive library of widgets includes tables, graphs, charts, diagrams, maps, and tag clouds which enables users to create simple dashboards or beautiful visualizations. The end result, data visualizations that communicate data. Beyond static business intelligence dashboards, Datameer provides a Business Infographics™ designer where your data visualizations have no built-in constraints. With support for shapes such as arrows, icons and more, users can highlight or accent anything in an infographic or dashboard.

Facebook Browser by TouchGraph
http://www.touchgraph.com/facebook
TouchGraph Facebook Browser lets you see how your friends are connected, and who has the most photos together. Explore your networks by graphing photos from anyone's album, or view the connections between members of a group.

Figshare - Store, Share, Discover Research
https://figshare.com/
figshare is a repository where users can make all of their research outputs available in a citable, shareable and discoverable manner. figshare allows users to upload any file
format to be previewed in the browser so that any research output, from posters and presentations to datasets and code, can be disseminated in a way that the current scholarly publishing model does not allow. The figshare team now spans 3 continents and specializes in building best of breed software to securely and persistently store, manage and visualize data in a robust and scalable manner. Get more citations for all of the outputs of your academic research over 5000 citations of figshare content to date

**Gephi - The Open Graph Viz Platform**
https://gephi.org/
Gephi is the leading visualization and exploration software for all kinds of graphs and networks. Gephi is open-source and free. Runs on Windows, Mac OS X and Linux.

Gephi is a tool for data analysts and scientists keen to explore and understand graphs. Like Photoshop™ but for graph data, the user interacts with the representation, manipulate the structures, shapes and colors to reveal hidden patterns. The goal is to help data analysts to make hypothesis, intuitively discover patterns, isolate structure singularities or faults during data sourcing. It is a complementary tool to traditional statistics, as visual thinking with interactive interfaces is now recognized to facilitate reasoning. This is a software for Exploratory Data Analysis, a paradigm appeared in the Visual Analytics field of research. Applications include: a) Exploratory Data Analysis: intuition-oriented analysis by networks manipulations in real time; b) Link Analysis: revealing the underlying structures of associations between objects; c) Social Network Analysis: easy creation of social data connectors to map community organizations and small-world networks; d) Biological Network analysis: representing patterns of biological data; and e) Poster creation: scientific work promotion with hi-quality printable maps.

**Information Visualization Resources on the Web**
http://graphics.stanford.edu/courses/cs348c-96-fall/resources.html
A comprehensive site listing information visualization resources available on the Internet with heavy emphasis based on academic sources.

**Integrating Information Visualization and Retrieval for WWW Information Discovery**
http://portal.acm.org/citation.cfm?id=763071
An important technology in knowledge discovery is to access the desired information from the large amount of data stored on the WWW. At present, such information can be accessed by a browser itself or by using a keyword search function. However, browsing is a time consuming task where a user must access individual pages one by one. Furthermore, in keyword searches, it is difficult for users to provide reasonable keywords in knowledge discovery processes. This paper outlines an approach for integrating information visualization and retrieval into WWW information discovery. In this approach, the link structure of a web site is displayed in a 3-D hyperbolic tree in which the height of a node (corresponding to a web page) within the tree indicates a user's "interest" for each page. Here, interest is calculated by a fitting function between a page and a user-supplied query (nested keywords). This measure can be used to filter
uninteresting pages, reducing the size of the link structure. Furthermore, each web page is modeled as semi-structured data and can also be displayed as a hyperbolic tree in which the result of query evaluation is visible.

Kartoo
http://www.kartoo.com/
Kartoo is a metasearch engine with visual display interfaces. When you click on OK, Kartoo launches the query to a set of search engines, gathers the results, compiles them and represents them in a series of interactive maps through a proprietary algorithm

Knoema Knowledge Platform
http://knoema.com/
Knoema is a knowledge platform. The basic idea is to connect data with analytical and presentation tools. As a result, we end with one uniformed platform for users to access, present and share data-driven content. Within Knoema, we capture most aspects of a typical data use cycle: accessing data from multiple sources, bringing relevant indicators into a common space, visualizing figures, applying analytical functions, creating a set of dashboards, and presenting the outcome.

Knowledge Discovery 2019 Subject Tracer™
http://www.KnowledgeDiscovery.info/
A Subject Tracer monitoring knowledge discovery resources including a number of information visualization research browsers. Powered by bots and continually updated. Sources listed alphabetically with name and URL.

Lazy Scholar - Browser Extension
http://www.lazyscholar.org/
Finds free scholarly full texts, metrics, and provides quick citation and sharing links automatically. Features include: a) Automatic Full Text Search - Open any scholarly article and Lazy Scholar gets to work searching for a free full text; b) New Recommendations - Lazy Scholar can learn what topics you like to read and scans new PubMed listings to suggest new papers; c) Metrics - Lazy Scholar provides various citation metrics. (Google Scholar, Microsoft Academic, Web of Science; Impact factor, Altmetric, etc); d) Search History - Can’t find that paper you opened yesterday? Lazy Scholar saves your history and provides an interface to find it; e) Quick Citation - A pre-formatted citation available in over 900 citation styles; and f) Related Papers - Quickly identify other papers you may want to read.

Open Access Button
https://openaccessbutton.org/
Free, legal research articles delivered instantly or automatically requested from authors. Give them a scholarly paper and they will search thousands of sources with millions of articles to link you to free, legal, full text articles instantly. If they can’t get you access,
they will start a request for you. They request articles from authors, and guide them on making the work available to you and everyone who needs it. You can do this from their website, browser extensions, tools for libraries or their API. Take your pick ….

**Panopticlick – Is Your Browser Safe Against Tracking?**  
[https://panopticlick.eff.org/](https://panopticlick.eff.org/)

When you visit a website, online trackers and the site itself may be able to identify you – even if you’ve installed software to protect yourself. It’s possible to configure your browser to thwart tracking, but many people don’t know how. Panopticlick will analyze how well your browser and add-ons protect you against online tracking techniques. We’ll also see if your system is uniquely configured—and thus identifiable—even if you are using privacy-protective software.

**Point - Use Point To Send and Discuss Webpages with Friends**  
[http://www.getpoint.co/](http://www.getpoint.co/)

Use Point To Send and Discuss Webpages with Friends. Features include: a) The quickest way to send a link - With Point, you can send a link without leaving the page or app you are in; b) Everyone’s on the same page - Point sits alongside what you’re sharing, allowing you to easily quote the best parts; c) All your links in one place - Point saves everything you send or receive in your inbox – accessible from our browser extension and iPhone app; and d) You don’t need friends on Point - While Point works best with a few close friends, it also works fabulously with email contacts.

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

This project is the first to combine the notion of a data repository with real-time visual analytics for interactive data mining and exploratory analysis on the web. State-of-the-art statistical techniques are combined with real-time data visualization giving the ability for researchers to seamlessly find, explore, understand, and discover key insights in a large number of public donated data sets. This large comprehensive collection of data is useful for making significant research findings as well as benchmark data sets for a wide variety of applications and domains and includes relational, attributed, heterogeneous, streaming, spatial, and time series data as well as non-relational machine learning data. All data sets are easily downloaded into a standard consistent format. They also have built a multi-level interactive visual analytics engine that allows users to visualize and interactively explore the data in a free-flowing manner.

**SEO Browser by TouchGraph**  
[http://www.touchgraph.com/seo](http://www.touchgraph.com/seo)

TouchGraph SEO Browser reveals the network of connectivity between websites, as reported by Google's database of related sites.
Sputnik – An Open Source Intelligence Browser Extension
https://github.com/mitchmoser/sputnik
Sputnik is an extension to quickly and easily search IPs, Domains, File Hashes, and URLs using free Open Source Intelligence (OSINT) resources.

T2K - Text to Knowledge
Knowledge discovery is the process of uncovering relationships in data previously unknown and extracting this knowledge from the data. Even using current data mining methods, understanding these data relationships can be a difficult task. Data stores in any given problem area are often huge, forcing decision-makers to construct complex queries to reflect the multiple dimensions of their problem domain. These decision-makers would benefit from tools that help highlight potential "information nuggets" and that help in the formation of the complex queries. Often, a large percentage of these data stores is in the form of text. The T2K (Text to Knowledge) tool provides text mining and analysis capabilities that have been specially designed to operate in and capitalize upon the complexity of rich natural language domains of very large stores of text and multimedia documents. T2K is a library of D2K modules that implements sophisticated algorithms for text analysis.

ThinkMap
http://www.thinkmap.com/
Thinkmap is a software platform for developing customized visualization interfaces to complex data. The software provides a system for crafting visualizations with structured data in order to make the information more intuitive, accessible, manageable and meaningful. Thinkmap visualizations can make relationships in the data more apparent than can traditional line or column displays and can improve understanding and discovery.

Tinderbox – The Tool for Notes
http://www.eastgate.com/Tinderbox/
Tinderbox maps your notes as you make them. Build relationships by arranging notes, organizing them with shape and color, linking them. Tinderbox lets you record ideas quickly and keep them where you'll find them again when you need them.

TorchBrowser - Free and Unique Powerful Browsing
http://torchbrowser.com/
Torch is a free and unique software that offers you powerful browsing together with built-in media downloading and sharing features. Torch Browser is based on the Chromium technology platform, giving it fast browsing capabilities. With Torch, you can share sites you like, download torrents, accelerate downloads and grab online media - all directly from the browser. Everything you need is a just click away with Torch, so you don't have to use or download additional programs and tools. Their software has a user friendly interface, is easy to install, and safe to use.
Tor Project – Tor Browser
https://www.torproject.org/
The Tor software protects you by bouncing your communications around a distributed network of relays run by volunteers all around the world: it prevents somebody watching your Internet connection from learning what sites you visit, it prevents the sites you visit from learning your physical location, and it lets you access sites which are blocked. The Tor Browser lets you use Tor on Windows, Mac OS X, or Linux without needing to install any software. It can run off a USB flash drive, comes with a pre-configured web browser to protect your anonymity, and is self-contained (portable).

TouchGraph - Visualize and Interact with Information
http://www.touchgraph.com/
TouchGraph was founded in 2001 with the creation of the original visual browser for Google. Since then, millions of people have used TouchGraph's tools to discover the relationships contained in Google, Amazon, Wikis, and other popular information sources. Our commercial applications include solutions for companies in management consulting, social networking, and mass media. TouchGraph's approach is unique because their highest priorities are utility and ease of use. They start with the premise of a scientific or business application, and work to create a clear and intuitive interface that gets their customers the results they need. They avoid superfluous artistic effects in favor of a clear presentation. Their applications are designed to simplify navigation, filtering, and visual metaphors. They reveal important relationships and details in your data without reducing the richness of the information itself.

Unpaywall – Research Papers for Free
http://unpaywall.org/
Millions of research papers are available for free on government and university web servers, legally uploaded by the authors themselves, with the express permission of publishers. Unpaywall automatically harvests these freely shared papers from thousands of legal institutional repositories, preprint servers, and publishers, making them all available to you as you read. Unpaywall users are able to read over 52% of research papers for free--without having to pay money, fuss with a VPN, or use pirate sites like Sci-Hub. That's because we're built on a database of millions of open-access articles harvested from thousands of servers worldwide. When you browse to a paywalled paper, we check to see if we have a free copy. If we do, you'll see a green tab...just click, and read.

Visualizing Bibliographic MetaData – A Virtual (Book) Spine Viewer by Naomi Dushay
http://www.dlib.org/dlib/october04/dushay/10dushay.html
User interfaces for digital information discovery often require users to click around and read a lot of text in order to find the text they want to read—a process that is often frustrating and tedious. This is exacerbated because of the limited amount of text that can be displayed on a computer screen. To improve the user experience of computer mediated
information discovery, information visualization techniques are applied to the digital library context, while retaining traditional information organization concepts. In this article, the "virtual (book) spine" and the virtual spine viewer are introduced. The virtual spine viewer is an application which allows users to visually explore large information spaces or collections while also allowing users to hone in on individual resources of interest. The virtual spine viewer introduced here is an alpha prototype, presented to promote discussion and further work. [Note: 2004 Publication but worth a read]

**Visually – Empowers People To Tell Stories With Data**
http://visual.ly/
Visually is the largest data visualization showcase in the world, providing endless inspiration for designers, publishers and enthusiasts. Visually’s free tools make it easy for anyone to create beautiful, personalized infographics in minutes. What stories will you tell?

**Vivaldi - Power User Browser**
https://vivaldi.com/
You spend a lot of time on the web. You deserve a browser that is personal, has the functionality you need and the flexibility you crave. You deserve Vivaldi so we made it for you. Get an in-depth overview of your browsing habits, backed by statistics and visual data. With History more useful than ever before, you can quickly scan through visited websites and get helpful hints for finding old links. Found that perfect quote for your essay or article? Copy that text to the notes panel, adding a link at the same time. Add a screen shot, just in case the page changes. The world is a colorful place because we are all different and unique. We at Vivaldi believe in making software that lets you do things your way. We adapt to you! With Vivaldi you can customize the browser the way you want. Do you prefer the browser tabs placed at the bottom or on the side of the window? Or, a different location for the address bar? Whether it's your keyboard shortcuts, mouse gestures, appearance or a modification to address color blindness, Vivaldi gives you the tools. Do you tend to keep many tabs open in your browser? Organize the view using Tab Stacking. This feature lets you group multiple tabs into one. Just drag a tab over to another for an uncomplicated grouping. With Tab Stack Tiling, you can display multiple tabs side by side or in a grid layout. Through multiple tab stacks that are tiled, you have multiple desktops, which you can switch between with a single click. More power to you! When buying a new car, you are given a choice of colors and customized features. With Vivaldi, you aren’t limited to our sense of style. Drive your own style with our many included themes, or easily make your own! Do you like command line control? Then Vivaldi is sure to delight. Quick Commands let you search through open tabs, bookmarks, history, settings and more from a command line interface. One of the things that makes Vivaldi unique is that it is built on modern web technologies. We use JavaScript and React to create the user interface with the help of Node.js and a long list of NPM modules. Vivaldi is the web built with the web.
Website Downloader
https://websitedownloader.io/
Download all the source code and assets of any website. Features include: a) Key Benefits - Easiest way to download a website; b) Platform Independent - The web based interface enables you to use website ripper straight in your browser on any operating system and without downloading or configuring any software. Use it when you need to quickly download website; c) Fast Previews - Website Downloader offers a fast preview of the download result hosted on our servers without consuming your computer's precious disk space. After the preview you can download web page or download entire website; and d) Simplicity - Website Downloader is super simple and easy to use, yet it comes with advanced functionality such as only downloading a subdirectory or certain pages from a website (as a web page downloder). Website grabber is the easiest way to download a website. Website Downloader, Website Copier or Website Ripper allows you to download websites from the Internet to your local hard drive on your own computer. Website Downloader arranges the downloaded site by the original websites relative link-structure.

WhatRuns - Discover What Runs a Website
https://www.whatruns.com/
WhatRuns is a new but advanced browser extension that helps you identify web technologies used on any website. Our proprietary pattern recognition algorithm efficiently detects even the latest web technologies and plugins used on websites. WhatRuns extension can be used for competitor analysis, sales intelligence and website profiling.

Zotero – Personal Research Assistant
https://www.zotero.org/
Zotero is the only research tool that automatically senses content in your web browser, allowing you to add it to your personal library with a single click. Whether you're searching for a preprint on arXiv.org, a journal article from JSTOR, a news story from the New York Times, or a book from your university library catalog, Zotero has you covered with support for thousands of sites. Zotero collects all your research in a single, searchable interface. You can add PDFs, images, audio and video files, snapshots of web pages, and really anything else. Zotero automatically indexes the full-text content of your library, enabling you to find exactly what you're looking for with just a few keystrokes.

Awareness Watch™ Spotters

Qwant - Search Engine That Respects Your Privacy
https://www.qwant.com/
Based and designed in Europe, Qwant is the first search engine which protects its users freedoms and ensures that the digital ecosystem remains healthy. Their keywords:
Updated> Deep Web Research and Discovery Resources 2019
I have just updated my white paper link dataset compilation and now titled Deep Web Research and Discovery Resources 2019 and it is now a 64 page 787KB PDF document freely available directly from the above URL. This update verified all links as well as reviewed all resources covered including adding additional links. Currently this has been downloaded over 7,000,000+ times! April 1, 2019

Updated> Open Educational Resources (OER) Sources 2019
http://www.OERSources.com/
“Open Educational Resources (OER) are freely accessible, openly licensed text, media, and other digital assets that are useful for teaching, learning, and assessing as well as for research purposes.” [Wikipedia] Costs continue to rise for students who are pursing college and post graduate degree programs. By leveraging best practice sites, services and non-traditional options to expand knowledge, skills and abilities in many disciplines, students can choose from a wide range of options to complete their respective goals. This freely available guide, Open Educational Resources (OER) Sources 2019, is a comprehensive listing of useful open educational resources, sources and sites on the Internet that can assist you in optimizing your learning opportunities. This will be added to OERSearchEngine.com/. This will be added to Education and Academic Resources Subject Tracer™. This will be added to Student Research Resources Subject Tracer™. Updated with all links validated and new links added on April 1, 2019 [29 pages, 721KB PDF]

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 78 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 (928KB) at the above link from the Virtual Private Library™ and authored by Marcus P. Zillman, M.S., A.M.H.A. [Completely Updated with all links validated and new URLs added: April 1, 2019]. Other white papers are available by clicking here.
**Oscobo Privacy Search Engine**

https://www.oscobo.com/

Oscobo is a search engine created for the sole purpose of protecting your privacy while you search the web. Google knows and sells what you are searching. Google knows the questions that people wouldn't dare ask aloud, and it silently offers reams of answers. Most search engines store every single search term you type and that they create a profile based on your search history. They place you in boxes based on a socioeconomic portraits. Your entire search history is kept for months in a way that is traceable back to you or those in your family. Additionally, the privacy policies of the most popular search providers state that your search history may be associated with any account or email address you maintain with them (think your Google, Microsoft, or Yahoo accounts). Oscobo was designed specifically to protect you from the prying eyes of both large corporations and anyone trying to get access to your private information. Oscobo will allow you to search the web with confidence! Oscobo doesn't store your personal information and will never ask you to provide it for any of our search services. They respect your privacy completely and help keep you safe from those who don't. All traffic routed through Oscobo's search engine is SSL encrypted. Meaning your connection between the browser and Oscobo's servers are encrypted. They have also taken their encryption a few steps further by implementing Perfect-Forward Secrecy with our SSL implementation and encrypted your search queries locally to ensure that no one will be able to intercept or decrypt your search queries. They don't use any third-party scripts or analytics on our search engine which protects you from other companies attempting to track your activity. They also don't show your search in the page title or meta information so it never shows up in your browser history. This will be added to **Privacy Resources** Subject Tracer™. This will be added to **World Wide Web Reference** 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™.

**Reciprocity - Compliance and Risk Management Made Simple**

https://recipocitylabs.com/

Power Up Your Team and Accelerate Time to Value with ZenGRC. Features include: a) Simple Deployment - Rapidly deploy a risk management and compliance program so you can focus on the security in information security compliance; b) Unified Control Management - Map controls across multiple frameworks for visibility into defense mechanism strengths and weaknesses; and c) Centralized Dashboard - Access key metrics to build a compliance program that responds to the protection your information security program provides. This will be added to **Privacy Resources** Subject Tracer™. This will be added to **World Wide Web Reference** 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™.
Plagiarism Checker Free
https://www.plagiarismcheckerfree.com/
The Internet is now filled with plagiarized content, and it is a concern for everyone. Whether you’re a student, teacher, professional writer, website content writer, or copywriter, our Plagiarism Checker is for you. It’s fast, accurate and gives you unlimited access to check plagiarism for free. With the Plagiarism Checker you’ll be free of worry or doubt about your writing or document. Send in your term paper, essays, thesis, or research paper with confidence! Features include: a) Advanced Technology - Using advance search mechanisms, our plagiarism checker searches your text against websites, scholarly journal, articles, and archives; b) Easy Process - We have a simple process for checking plagiarized papers. Just copy paste your text into the given box or upload your file. Click on the button “Check Plagiarism” and you get your plagiarism report with Plagiarism Checker Free; c) Free Plagiarism Checker - You don’t have to pay a dime for getting your term paper, research article or thesis checked. There are no restrictions to the number of checks you want to conduct; and d) Comprehensive Report - Get a comprehensive plagiarism check report organized by source links, and percentage. This will be added to Privacy Resources Subject Tracer™. This will be added to World Wide Web Reference 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™.

CC Search
https://ccsearch.creativecommons.org/
There is no larger compendium of shared human knowledge and creativity than the Commons, including over 1.4 billion digital works available under CC tools. Despite the tremendous growth of the Commons, and the widespread use of the CC licenses and public domain marks, there is no simple way to maximize use of, and engagement with, all of that content. There is no front door — no tool designed for the general public to facilitate discovery for the purpose of reuse and remix, to simplify the license terms, make attribution easy, or support curation, and crowdsourced metadata. Creative Commons’ “CC Search” project will develop and release an open online search and re-use tool that will allow high-quality content from the commons to surface in a more seamless and accessible way. Our beta relies on open APIs and the Common Crawl dataset and focuses on photos as its first media type. It is meant to elicit discussion and inform our development as we build out the full set of tools. “CC Search” will enable users to curate, tag, and remix that content. It will go beyond simple search to aggregate results from across the hundreds of public repositories into a single catalog, and also facilitate the use and re-use through tools like curated lists, saved searches, one- or no-click attribution, and provenance. This release contains several new features, including AI image tags generated from our collaborator, Clarifai. Clarifai is a best in class image classification software that provides tagging support and visual recognition. Clarifai’s API was integrated in the process-flow as a means to automatically generate tags for the new and existing images. This means that CC search has machine-generated tags, user-defined tags, and platform-defined tags that were obtained from the web crawl data.
Collectively, these will enhance the user’s search experience and improve the quality of the results. Currently, 10.3 million images have their respective Clarifai tags and the outstanding images will be integrated on an ongoing basis. Tags generated via Clarifai are marked with a on the detail page for each image. With this addition, we’re not just cataloging the commons, we’re making it better. This will be added to 2019 Guide to Searching the Internet. This will be added to World Wide Web Reference 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 tools section of Research Resources Subject Tracer™.

Hittly - Launch Your Community, Content, Courses in One Place
https://hittly.com/
Hittly is a community software for creators to build an audience and sell memberships & online courses. zero transaction fees, and unlimited everything. With Hittly, you can write your thoughts out, help your audience solve their problems and start building your own loyal army of followers. Features include: 1) Rich text editor to write, edit and publish your articles; 2) Embed Images and Video without leaving the editor; and 3) Use your own domain name to host your community. Now, use the power of community, and encourage others to share their knowledge with these resources: a) Powerful community features including user comments and favorites; b) Youtube like feed with images and videos; c) Vote based sorting allows your users to vote and bring the best posts to the top; and d) Use Tags to filter content without having to go through the entire pile. Monetize your community by 1) Sell memberships for users to access your community, courses and content; 2) Show ads and make some money on the side; and 3) Sell online Courses to your members. This will be added to World Wide Web Reference 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™.

Dana - Personal Assistant
https://danahq.com/
Dana is a personal assistant that helps you build stronger relationships. Remember Better - Ask Dana about your contacts and she'll send relevant notes and history. Do this right in messenger. Super Easy Notes - Let Dana know what you want to remember about the people you care about. Dana makes notetaking painless and quick. Stay in Touch - See your full relationship history and set reminders to reach out. Add your meetings and Dana will suggest who to follow-up with. Before your next meeting, see your relationship history and the last time you met. Dana helps you be thoughtful and remember details like kids' names, recent promotions, and life events. Set reminders to reach out or have Dana remind you to follow-up. You can also organize contacts with tags and by location. Make planning out-of-town visits easier. How Dana Works: 1) Let Dana know - Let Dana know who you want to keep track of. Get started by importing contacts from Gmail, LinkedIn, iCloud, or Outlook or just let Dana know when you have a new contact; 2) Leave a note - After you finish a meeting, let Dana know if there's anything you want
to remember. You can do this online or in Messenger; and 3) Ask Dana - Getting information from Dana is super easy. Ask ‘what did I do with John?’ and you’ll have your relationship history in one place. This will be added to World Wide Web Reference 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™.

Using the Internet As a Dynamic Resource Tool for Knowledge Discovery 2019

Research white paper titled "Using the Internet As a Dynamic Resource Tool for Knowledge Discovery 2019" is a 18 page research paper listing many resources both new and existing that will help anyone who is attempting to perform information and knowledge research and discovery on the Internet. It is freely available as a .pdf file (1.61MB) at the above link from the Virtual Private Library™ and authored by Marcus P. Zillman, M.S., A.M.H.A. It was updated with all links validated and new links added on April 8, 2019. Other white papers are available by clicking here.

diaspora - Online Social World Where You Are In Control
https://diasporafoundation.org/
diaspora* is based on three key philosophies: 1) Decentralization - Instead of everyone’s data being held on huge central servers owned by a large organization, diaspora* exists on independently run servers (“pods”) all over the world. You choose which pod to register with, and you can then connect seamlessly with the diaspora* community worldwide.; 2) Freedom - You can be whoever you want to be in diaspora*. Unlike some networks, you don’t have to use your real identity. You can interact with people in whatever way you choose. The only limit is your imagination. diaspora* is also Free Software, giving you liberty over how you use it; and 3) Privacy - In diaspora* you own your data. You don’t sign over rights to a corporation or other interest who could use it. In addition, you choose who sees what you share, using Aspects. With diaspora*, your friends, your habits, and your content is your business ... not theirs! This will be added to Social Informatics Subject Tracer™. This will be added to World Wide Web Reference 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™.

Finding Experts By Using the Internet 2019
http://www.FindingExperts.info/

I have just updated my white paper link compilation on Finding Experts By Using the Internet 2019. This is now a 22 page .pdf file (679KB) and freely available from the above URL. Finding Experts By Using the Internet is dedicated to giving you internet sources to discover that needed expert(s) that you have been looking for. The Internet is a vast global resource of knowledge created by experts and the ability to find and contact these experts is extremely important for both academic activities as well as business and
special interest needs. [Completely updated including all links validated and new links added on April 9, 2019; 22 pages 679KB .pdf]. Additional white papers available by clicking here.

veruv.com - Certified Snapshot of any Site
https://veruv.com/
Use their online secure browser to access and snapshot your information. Share the certified snapshot as a link to establish trust. Features include: 1) Browser security - Their secure browser runs inside an isolated container which is torn down after your session ends. They keep your browsing safe; 2) Data privacy - They take your privacy seriously. They do not store your browsing history nor any passwords. See their privacy for more details; 3) Open Source - For transparency, they have open sourced parts of their system. Additional parts are planned in the future; and 4) Bounty program - They are operating a bounty program to encourage and reward researchers for disclosing potential vulnerabilities to them. This will be added to Privacy Resources Subject Tracer™, This will be added to World Wide Web Reference 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™.

Information Quality Resources 2019 White Paper Link Dataset Compilation
http://www.InformationQualityResources.info/
The above is the associated white paper link dataset compilation of the Information Quality Resources 2019 Subject Tracer™ Information Blog by Marcus P. Zillman, M.S., A.M.H.A.. It is a freely available 20 page .pdf document (684KB) listing the latest and greatest online resources and sites for quality information resources! Completed updated including all link validation and new links added on April 10, 2019. Other white papers are available by clicking here.

Mastodon - Social Networking Bsck in Your Hands
https://joinmastodon.org/
Follow friends and discover new ones among more than 2M people. Publish anything you want: links, pictures, text, video. All on a platform that is community-owned and ad-free. Mastodon isn’t just a website, it is a federation—think Star Trek. Thousands of independent communities running Mastodon form a coherent network, where while every planet is different, being part of one is being part of the whole. Mastodon comes with effective anti-abuse tools to help protect yourself. Thanks to the network's spread out and independent nature there are more moderators who you can approach for personal help, and servers with strict codes of conduct. You have 500 characters. You can adjust the thumbnails of your pictures with focal points. You can use custom emojis, hide things behind spoiler warnings and choose who sees a given post. Messed it up? You can delete & redraft for quick corrections. This will be added to Social Informatics Subject Tracer™. This will be added to World Wide Web Reference 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™.

Manage Information Overload Resources 2019
http://www.ManageInformationOverload.info/

Managing Information Overload Resources 2019 by Marcus P. Zillman, M.S., A.M.H.A., is a white paper listing the many excellent resources available from the Internet for managing information overload that is a happening event in today's New Economy world. A must read for all to keep ahead in today's exciting and ever changing universe of Internet and Social happenings! It was updated on April 11, 2019 and is 16 pages 659KB PDF freely available directly from the above URL.

LabXchange - Science and Learning-connected
https://labxchange.org/
LabXchange accelerates the learning of biology and biotechnology. They facilitate discovery and an authentic experience of the scientific process. They create and curate world-class digital content, delivered on a platform that seamlessly integrates the sharing of learning and research experiences. On LabXchange, users take control of their learning and solve real-world problems together. LabXchange is built on an open-source platform, and membership will always be free. This will be added to BioTechnology Resources Subject Tracer™. This will be added to World Wide Web Reference 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™.

Elder Resources 2019
http://www.ElderResources.info/
The above is the white paper link dataset compilation of Elder Resources 2019 by Marcus P. Zillman, M.S., A.M.H.A. It is a 19 page .pdf document 657KB. [Completely Updated With All Links Validated and New URLS added On April 12, 2019] Other white papers are available by clicking here.

ManyVerse - Social Network Off the Grid
https://www.manyver.se/
Manyverse is a social network mobile app with features you would expect: posts, threads, likes, profiles, etc. But it's not running in the cloud owned by a company, instead, your friends' posts and all your social data live entirely in your phone. This way, even when you're offline, you can scroll, read anything, and even write posts and like content! When your phone is back online, it syncs the latest updates directly with your friends' phones, through a shared local Wi-Fi or on the internet. They are building this free and open source project as a community effort because they believe in non-commercial, neutral, and fair mobile communication for everyone. This will be added to Social Informatics Subject Tracer™. This will be added to World Wide Web Reference Subject Tracer™. This will be added to Business Intelligence Resources Subject Tracer™. This will be
add to Entrepreneurial Resources Subject Tracer™. This will be added to the tools section of Research Resources Subject Tracer™.

Accessibility Resources 2019
http://www.AccessibilityResources.info/
I have just updated my white paper link compilation of the Accessibility Resources 2019 Subject Tracer™ Information Blog by Marcus P. Zillman, M.S., A.M.H.A. It is a 17 page .pdf document 656KB. [Completely updated with all links validated and new links added on April 13, 2019] Other white papers are available by clicking here.

Literary Hub
https://lithub.com/
Literary Hub is an organizing principle in the service of literary culture, a single, trusted, daily source for all the news, ideas and richness of contemporary literary life. There is more great literary content online than ever before, but it is scattered, easily lost—with the help of its editorial partners, Lit Hub is a site readers can rely on for smart, engaged, entertaining writing about all things books. Each day—alongside original content and exclusive excerpts—Literary Hub is proud to showcase an editorial feature from one of its many partners from across the literary spectrum: publishers big and small, journals, bookstores, and non-profits. This will be added to Journalism Resources Subject Tracer™. This will be added to World Wide Web Reference 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™.

Online Research Browsers 2019
http://www.zillman.us/white-papers/online-research-browsers/
Internet MiniGuide Annotated Link Dataset Compilation white paper titled "Online Research Browsers 2019" a 21 page research paper listing many resources both new and existing that will help anyone who is attempting to find information and knowledge research about online research browsers available on the Internet. These research browsers allow you to visualize information to find new relationships and associations to create knowledge discovery and obtain new and highly relevant research data. It is freely available as a .pdf file (184KB) at the above link from the Virtual Private Library™ and authored by Marcus P. Zillman, M.S., A.M.H.A. It was updated with all links validated on April 15, 2019. Other white papers are available by clicking here.

Search Congressional Research Service (CRS) Reports
https://crsreports.congress.gov/
These documents were prepared by the Congressional Research Service (CRS). CRS serves as nonpartisan shared staff to congressional committees and Members of Congress. It operates solely at the behest of and under the direction of Congress. Information in a CRS Report should not be relied upon for purposes other than public understanding of information that has been provided by CRS to Members of Congress in
Intrapreneurial Resources 2019 White Paper DataSet Link Compilation
http://www.IntrapreneurialResources.info/
I have just updated my white paper link compilation of the Intrapreneurial Resources 2019 Subject Tracer™ Information Blog by Marcus P. Zillman, M.S., A.M.H.A. It is a 14 page .pdf document 638KB. [Completely Updated April 16, 2019] Other white papers are available by clicking here.

IETF Datatracker
https://datatracker.ietf.org/
The IETF Datatracker is the day-to-day front-end to the IETF database for people who work on IETF standards. It contains data about the documents, working groups, meetings, agendas, minutes, presentations, and more, of the IETF. The primary public face of the IETF is at www.ietf.org. This will be added to World Wide Web Reference 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™.

Internet Demographics 2019 Subject Tracer™ Information Blog White Paper Link Dataset Compilation
http://www.InternetDemographics.info/
I have just updated my Subject Tracer™ Information Blog white paper link dataset compilation titled Internet Demographics 2019 which is now a 15 page paper listing selected resources both new and existing that will help anyone who is attempting to find the latest information about Internet demographics that are available over the Internet. It is freely available as a .pdf file (635KB) at the above link from the Virtual Private Library™ and authored by Marcus P. Zillman, M.S., A.M.H.A. It was Updated with all links validated and new links added on April 17, 2019. Other white papers are available by clicking here.
Imagecharts - Simple As An URL
https://www.image-charts.com/
Features include: a) Easiest way to embed charts in email or bot - No need to spend hours to setup and develop a complex server-side solution. We spent days tuning our chart generation backend so you don't have to. One url = one chart; 2) Gifs in email = awesome - Delightful effect guaranteed, communicate better with animated charts in your reporting emails. No more server-side gif rendering, headless browser tricks and painful email attachments. They do the hard work. You get the benefits; 3) Google Image Charts Drop-In replacement - Google Image Charts is deprecated since 2012, not supported since 2015 and can be shutdown anytime soon. Image-charts aims to be fully compatible with Google Charts API while still extending it. Don't build on unstable foundation; and 4) Reliable and blazing fast - Making chart generation fast at scale is hard. <500ms

File Ark - Long Term Cloud Storage For Your Files
https://fileark.launchaco.com/
Gain back valuable space on your computer by storing files on File Ark. Try it out with 1 GB for free, no credit card required. Features a) Drag n' Drop - Drag n' Drop any amount of files or folders for storage; b) Save Space - Have the option to delete the local files and save space after the upload is successful; and c) Upcoming - File Suggestions - The app will automatically suggest large/unused files that you can either delete or upload to File Ark. This will be added to World Wide Web Reference 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™.

Digi Clip - Mobile Forms
https://www.digiclip.io/
DIGI CLIP mobile forms lets you complete checklists, inspections & other forms on a phone or tablet via their mobile app. Completed forms are communicated to those that need them, and archived automatically. This will be added to World Wide Web Reference 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™.
May 2019 Zillman Column - Elder Resources 2019

http://www.zillmancolumns.com/

The May 2019 Zillman Column features Elder Resources 2019 by Marcus P. Zillman, M.S., A.M.H.A.; Executive Director of the Virtual Private Library. This is a comprehensive listing of elder sources and resources currently available on the Internet. These include indexes, search engines, and directories as well as individual websites and sources that supply the latest technology and information on elder resources and how they relate to your research and searching the Internet. The list of sources is constantly updated with Subject Tracer™ bots from the following URL:
http://www.ElderResources.info/. These resources will help you to discover the many pathways available to you through the Internet to find the latest elder resources, sources and sites. This is another MUST have column to discover the latest competent selected elder resources to give you the information you need in today's ever changing and fast paced 2019 New Economy business and academic world!!

Sigrid AI - Remote Managed Executive Assistant Service

https://www.sigrid.ai/

Focus on the big picture with your own dedicated remote assistant backed by a team of highly trained specialists. Introducing a smarter way to get help with all your life logistics. Sigrid.AI is the executive assistant for the way we work now: available across time-zones and on your terms. Are you focusing on the right things? See why entrepreneurs, Fortune 500 executives, hedge fund and venture capital partners, consultants, lawyers and small business owners trust Sigrid.AI to keep them focused on the matters that matter. Under the hood of Sigrid.AI is a machine learning platform that records your preferences, learns them, and presents them instantly to the assistant you’re working with. By learning to anticipate your needs, we learn to meet them quicker. Unlike fully virtual assistant services, Sigrid.AI uses technology to support our human assistants – not to replace them. We built a collaboration platform that helps the team solve problems and complete tasks collectively, saving them more time individually. The platform uses machine learning to identify the kind of task, giving the assistant a headstart before they’ve even opened your email. While tech might power our engine, our people are plotting the course. At the heart of Sigrid.AI is the idea that, collectively, we’re smarter. That’s why when you hire an executive assistant from us, you’re also hiring the sum total of our team’s expertise. Our managed team of executive assistants are supported by a team of specialists who are available round the clock to take care of the details so you can take care of the big picture. Stay focused on the big picture with a managed EA service. Chatbots don’t cut it for our customers. Unlike self-managed or automated services, Sigrid.AI provides a high-involvement service for individuals with highly complex needs. This will be added to Chatterbots Subject Tracer™. This will be added to World Wide Web Reference 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™.

Schema - Promotes Schemas for Structured Data on the Internet

https://schema.org/

Schema.org is a collaborative, community activity with a mission to create, maintain, and promote schemas for structured data on the Internet, on web pages, in email messages, and beyond. Schema.org vocabulary can be used with many different encodings, including RDFa, Microdata and JSON-LD. These vocabularies cover entities, relationships between entities and actions, and can easily be extended through a well-documented extension model. Over 10 million sites use Schema.org to markup their web pages and email messages. Many applications from Google, Microsoft, Pinterest, Yandex and others already use these vocabularies to power rich, extensible experiences. Founded by Google, Microsoft, Yahoo and Yandex, Schema.org vocabularies are developed by an open community process, using the public-schemaorg@w3.org mailing list and through GitHub. A shared vocabulary makes it easier for webmasters and developers to decide on a schema and get the maximum benefit for their efforts. It is in this spirit that the founders, together with the larger community have come together - to provide a shared collection of schemas. This will be added to World Wide Web Reference 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™.

Secure Passwords 101: Why They Matter and How To Create Them

https://vpnmash.com/privacy/secure-passwords/

In this article, we’ll look at some of the most common data breaches, why you need to keep your passwords secure, as well as some password managers to help you store them. With all the tools out there to create strong passwords — and with all of the security breaches that have been in the news — you might think that young Americans would be more security conscious than older generations. That’s not necessarily true. According to the Americans and Cybersecurity study by Pew Research Center, 40% of U.S. adults who use the Internet have shared passwords with their friends and family. But when broken down by age group, only 25% of users over the age of 65 had shared their passwords, and 56% of users between ages 18-29 said they had. Americans aren’t necessarily using the latest technology either. According to the same study, only 12% said they used a password manager. Eighty-six percent relied purely on memory, while nearly half said they wrote their passwords down, and a quarter kept them saved on their computers. Here’s another alarming statistic: according to YouGov, twenty-six percent said they used the same password for most or all of their accounts. This will be added to Privacy Resources Subject Tracer™. This will be added to World Wide Web Reference 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™.
Overdose Death Rate - National Institute on Drug Abuse

The U.S. government does not track death rates for every drug. However, the National Center for Health Statistics at the Centers for Disease Control and Prevention does collect information on many of the more commonly used drugs. The CDC also has a searchable database, called CDC Wonder. The figures above are bar charts showing the number or rate of U.S. overdose deaths involving select prescription and illicit drugs from 1999 through 2017. The bars are overlaid by lines representing gender or opioid involvement. There were 70,237 drug overdose deaths that occurred in the United States in 2017 (Figure 1), with 66% of cases among males (grey line). The main driver of drug overdose deaths were opioids—mainly synthetic opioids (other than methadone), with a 12.9-fold increase from 2007 to 2017 (Figure 2). Drug overdose deaths involving any opioid—prescription opioids (including methadone), synthetic opioids, and heroin—rose from 18,515 deaths in 2007 to 47,600 deaths in 2017; 68% of deaths occurred among males (Figure 3). From 2016 to 2017, the number of deaths involving prescription opioids remained unchanged (Figure 4) with a decrease reported for deaths involving prescription opioids without synthetic opioids. Overdose deaths involving heroin (Figure 5), psychostimulants (Figure 6) or cocaine (Figure 7) also rose in 2017; however, deaths involving heroin or cocaine were driven by deaths involving the combination of these drugs with synthetic opioids. Deaths involving psychostimulants rose independently from those in combination with synthetic opioids. The final two charts show the number of overdose deaths involving benzodiazepines (Figure 8) or antidepressants (Figure 9). Benzodiazepines were involved in 11,537 deaths in 2017. These were driven by the combination of these prescription drugs with any opioid. Deaths involving antidepressants are also rising, although at a much slower rate than benzodiazepines. As is the case with benzodiazepines, deaths involving antidepressants are mainly driven by those also involving synthetic opioids. This will be added to Healthcare Resources 2019 Subject Tracer™. This will be added to World Wide Web Reference 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™.

LTI Resource Search
https://www.imsglobal.org/resource-search

Learning Tools Interoperability® (LTI®) Resource Search is a new standard which defines how to search digital repositories for a set of resources. It addresses searching learning object repositories (LORs), and other catalogs of learning resources, from learning tools using various attributes of resources and returning full metadata about the resources to the learning tools. Results can be launched either as URLs or LTI links. The benefit for an educator or student using the learning tool (such as a Learning Management System) is the seamless ability to search resource libraries for appropriate resources and transparent launching of those resources. This will be added to World Wide Web Reference Subject Tracer™. This will be added to Business Intelligence Resources
Epic Privacy Browser
https://epicbrowser.com/
The Epic Privacy Browser is first web browser built on Chromium (like Google's Chrome browser) engineered to protect your privacy. Epic is in always-on "private browsing mode", so on close of Epic all browsing data is deleted (while you're browsing as little as possible is stored). Epic has removed all Google tracking and blocks hundreds of other companies from tracking you. If you turn on Epic's encrypted proxy, you have protection from snooping by hackers, trackers, your ISP, government, and employer as well. This will be added to Privacy Resources Subject Tracer™. This will be added to World Wide Web Reference 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™.

Signum - Keep Track of the Emergence of New Trends and Hypes
https://signum.ai/hype/
Subscribe to their mailing list and every two weeks get a report on hot products, markets, companies and styles that rapidly gain popularity. They analyze 24/7 over 100,000 blogs, forums, portals and social media accounts to keep track of the emergence of new trends and hypes at the earliest stages. With the help of predictive analytics tools and a strong team of analysts, they are able to determine the current trends as well as predicting what will be popular in the future. Features include: a) Popular products and services - Selection of new products and services that increase in demand rapidly; b) Growing markets - Information on new fast-growing markets; c) Promising companies - List of the most promising and talked about companies; and d) The latest fashions and styles - The latest fashions and styles that rapidly gain popularity in an online environment. Their whole team of professional analysts with the skills strengthened by the artificial intelligence works for you. This will be added to Artificial Intelligence Resources Subject Tracer™. This will be added to World Wide Web Reference 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™.

GrowJo - Fastest Growing Companies Under 1000 Employees
https://www.growjo.com/
Growjo is now live! Highlighting the fastest growing companies through a unique growth indicator algorithm, Growjo will award companies that have gone through extensive growth cycles through various indicators such as new employees, revenue growth, company acquisitions, and more. Growjo will award companies throughout the world in the Growjo10000 as well as award companies within each state and each industry. Each company listed in the Growjo Awards list will be given a unique ranked badge to use in promoting their ranking on social media and company websites. In addition, growjo has a
press release template included for each company listed to make promotion as easy as possible. The list of companies is available for free via a CSV download via the homepage. Additionally, Growjo will interview and highlight guest blog contributions from some of the top growing companies and feature these articles on this blog as well as the Growjo Newsletter. These articles will outline how the company was able to grow so fast and how, with in-depth insight designed to inspire and educate the reader. This will be added to Artificial Intelligence Resources Subject Tracer™. This will be added to World Wide Web Reference 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**

**Data-driven Models of Governance Across Borders: Datification From the Local to the Global by Payal Arora, Hallam Stevens**


**Abstract:**
This special issue looks closely at contemporary data systems in diverse global contexts and through this set of papers, highlights the struggles we face as we negotiate efficiency and innovation with universal human rights and social inclusion. The studies presented in these essays are situated in diverse models of policy-making, governance, and/or activism across borders. Attention to big data governance in western contexts has tended to highlight how data increases state and corporate surveillance of citizens, affecting rights to privacy. By moving beyond Euro-American borders — to places such as Africa, India, China, and Singapore — we show here how data regimes are motivated and understood on very different terms.

**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™**


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 Powered By

VirtualPrivateLibrary.com

Awareness Watch V17N5 May 2019 Newsletter


zillman@VirtualPrivateLibrary.com

eVoice: 800-858-1462

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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/

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.FactCheckers.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/

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/
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
http://www.zillman.info/

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

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

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

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

LinkSeries Publications
http://www.LinkSeries.com/

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

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

SourceSeries Internet Research Workshops
http://www.SourceSeries.com/
Research White Papers, Articles, Lectures and Speeches by Marcus P. Zillman, M.S., A.M.H.A.:

2018 Directory of Directories

Academic and Scholar Search Engines and Sources
http://www.ScholarSearchEngines.com/

Bots, Blogs and News Aggregators 2019
http://www.BotsBlogs.com/

Business Intelligence Online Resources 2018
http://www.BIOnlineResources.info/

Cloud Computing Resources Primer 2018
http://www.zillman.us/white-papers/grid-distributed-and-cloud-computing-resources-primer/

Current Awareness Discovery Tools on the Internet 2019

Deep Web Research and Discovery Resources 2019 Online White Paper
http://DeepWeb.us/

eMarketing MiniGuide 2019
http://www.eMarketingMiniGuide.com/

eReference Library Link Toolkit 2018
http://www.eReferenceLibrary.com/

Finding Experts By Using the Internet 2019
http://www.FindingExperts.info/

Finding People Resources and Sites 2019
http://www.FindingPeople.info/
Healthcare Bots and Subject Directories 2019
http://www.HealthcareBots.info/

Knowledge Discovery Resources 2019
http://www.KDResources.info/

New Economy Resources 2019
http://www.NewEconomyResources.com/

Online Research Browsers 2019
http://www.zillman.us/white-papers/online-research-browsers/

Online Research Tools
http://www.OnlineResearchTools.info/

Online Social Networking 2018
http://www.OnlineSocialNetworking.info/

Searching the Internet 2018 – The Primer - 2019 Guide to Searching the Internet
http://www.SearchingTheInternet.info/

Using the Internet As a Dynamic Resource Tool for Knowledge Discovery 2019

Web Data Extractors 2019
http://www.WebDataExtractors.com/

Web Guide for the New Economy 2019

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

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

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

**Internet Consulting by Marcus P. Zillman, M.S., A.M.H.A.**
Visit this site to obtain information about obtaining the consultation services of Marcus P. Zillman for your company including eCommerce audits, utilization of bots, blogs and news aggregators or the creation of your own personal virtual private library powered by Subject Tracer™ Information bots!

**Current Awareness Monitors, Alerts and Information Traps**
Marcus P. Zillman’s latest reports Current Awareness Monitors, Alerts and Information Traps and Current Awareness Tools 2018 are now available. One for purchase and one freely available online and immediate download. These reports are comprehensive listings 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.

**Market Intelligence Resources**
Marcus P. Zillman’s just released professional Internet MiniGuide is titled Market Intelligence Resources and is available for purchase online and immediate download. This 193 page digital miniguide represents a comprehensive listing of the latest resources, sources and sites to discover the latest Market Intelligence sources available on the Internet with many of them freely available! Designed specifically for today’s entrepreneur, professional and/or investor.

**Entrepreneurial Links 101**
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**
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**  
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.**  
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.op of Form