Awareness Watch™ Newsletter

By Marcus P. Zillman, M.S., A.M.H.A.
http://www.AwarenessWatch.com/

V17N12   **December 2019**

Welcome to the V17N12 Decemberr 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 **ShoppingBots and Online Shopping 2020** and is a
comprehensive listing of internet shopping tools and resources including search engines,
directories, subject guides and index resources and sites on the Internet available for the
2020 year. The below list of shopping sources is taken partially from my Subject
Tracer™ white paper titled ShoppingBots and Online Shopping 2020 and is constantly
updated with Subject Tracer™ bots at the following URL:

<div align="center">

http://www.ShoppingBots.info/

</div>

These resources and sources will help you to discover the many pathways available
through the Internet to find the latest shopping research, 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
shopping 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 2020 new economy resources for shopping and eCommerce!

Selected ShoppingBots and Comparison Bots 2020:

15 Best Shopping Bots for eCommerce Stores
https://www.yotpo.com/blog/shopping-bots/

123PriceCheck
http://www.123pricecheck.com/

Abebooks: New Books, Used Books, Rare Books, Out-of-Print Books
http://www.abebooks.com/

AddALL Book Search and Price Comparison
http://www.addall.com/

AffordABook - Search for College Textbooks
http://www.affordabook.com/

Aisle411 – In-Store Mobile Marketing Platform
http://www.aisle411.com/

All Book Stores - TextBook Search
http://www.allbookstores.com/textbooks

Amazon.com – Personalized Recommendations
http://www.amazon.com/

Become.com - Shopping Your Way Comparison Shopping Bot
http://www.become.com/

Best Book Buys – Textbook and Book Search
http://www.bestwebbuys.com/books/

BibliOZ - The Book Search Wizard
http://www.biblioz.com/

BigWords.com - Textbook Centric Price Comparison Site
http://bigwords.com/

BizRate Shopping Search
http://www.bizrate.com/

BookFinder – The Open Marketplace for Books Online
http://www.bookfinder.com/

BookFinder4U
http://www.bookfinder4u.com/

BooksPrice - Multiple Book Price Comparison
http://www.booksprice.com/

Bot Research 2019
http://www.BotResearch.info/

Bountii - Search Low Prices
http://bountii.com/

Buyer's Index - A Search Engine for Savvy Shoppers
http://www.buyersindex.com/

BuyVia – Searching Store for the Best Deals On the Products You Want
http://www.BuyVia.com/

Camera Deal Search
http://dealnews.com/c167/Electronics/Cameras/

CampusBooks.com - Compare Prices on New and Used College Textbooks
http://www.campusbooks.com/

ChangingThePresent - Changing the World One Gift At a Time
http://www.changingthepresent.org/

Comparison Shopping Australia
http://www.getprice.com.au/

Component Search - Find the Components You Need Now
http://componentsearch.com/

Dealio - Finding the Best Deal and Comparison Shopper
http://www.dealio.com/

Directtextbook.com - Shop for Textbooks
http://www.directtextbook.com/

DogPile®
http://www.dogpile.com/

Dohop.com - Search and Find Cheap Flights and Airline Tickets
http://www.dohop.com/

FareCompare – Flight Comparison
http://www.farecompare.com/

FindersCheapers - Price Comparison Search Engine
http://finderscheapers.com/

Findy - Less Searching More Finding
https://findy.com/

GrubHub - Restaurant Food Delivery Search Engine
http://www.grubhub.com/

Ink Deal Search
http://dealnews.com/c269/Office-Supplies/Supplies/Printer-Supplies/

Invisible Hand - Automatically Gets You the Lowest Price On Shopping and Flights
http://www.getinvisiblehand.com/

ISBN.nu - Search for Books and Compare Prices
http://isbn.nu/

Kayak.com - Travel Prices and Availability
http://www.kayak.com/

Kelkoo ShoppingBot
http://www.kelkoo.com/

Macintosh Deal Search
http://www.dealmac.com/

Magazine Cost - Compare Prices of Discount Magazine Subscriptions
http://www.magazinecost.com/

MagazinePriceSearch.com
http://www.magazinepricesearch.com/

Mobissimo - Travel Search Engine
http://www.mobissimo.com/

MySimon - ShoppingBot
http://www.mysimon.com/

NowInStock - Product Availability Tracker and In Stock Notification
http://www.nowinstock.net/

Open Education Resources (OER) Sources 2020
http://www.OERSources.com/

PickTextBooks - Find the Right Textbook
http://www.picktextbook.com/

Price - Compare the Best Prices On the Web
http://www.price.com/

Price Comparison Shopping Portal – ShoppingBots
http://www.pricingcentral.com/

Price Grabber – Smart Shopping Anytime Anywhere
http://www.PriceGrabber.com/

PriceInspector
http://www.priceinspector.co.uk/

PriceJump - Does Amazon Have the Lowest Price or Not
http://www.savings.com/pricejump

Price Spider - Searching For Low Prices
http://www.PriceSpider.com/

Pricetack - The Falling Price Marketplace
http://pricetack.com/

Price Watch® - Street Price SearchBot
http://www.pricewatch.com/

Pronto.com - Comprehensive Product Search Engine
http://www.pronto.com/

RedFlagDeals.com - Canadian Shopping
http://www.redflagdeals.com/

RoboShopper
http://www.roboshopper.com/

ShopLocal™ - Weekly Ad, Sales, Deals, Discounts, Bargains and Specials
http://www.ShopLocal.com/

ShopMania - Price Comparisons in UK and Reviews
http://www.shopmania.co.uk/

ShopMania - Price Comparisons in US and Reviews
http://www.shopmania.com/

ShoppingBots and Online Shopping 2020
http://www.ShoppingBots.info/

ShoppingNotes - Shopping Bookmark Powered With Price Watch Engine
http://shoppingnotes.com/

ShopStyle - Fashion and Designer Shoes, Jewelry, Dresses and Clothes
http://www.shopstyle.com/

ShopWiki
http://www.shopwiki.com/

Shopzilla - Millions of Products From Thousands of Stores
http://www.shopzilla.com/

Smarter.com - Compare Prices and Products
http://www.smarter.com/

Sort Price ShoppingBot
http://www.SortPrice.com/

SpendFish - Find Amazon Deals
http://www.spendfish.com/

Swoogle - Semantic Bot
http://swoogle.umbc.edu/

ThomasNet® - Find Companies and Product Information
http://www.thomasnet.com/

Tjoos.com - Smart Online Shopping
http://www.tjoos.com/

TrackIf – Track Price Changes On 4 million Products at over 1,500 Online Shopping Sites and Alerts You When What You Wants Drops In Price
http://www.TrackIf.com/

viaLibri - Rare Books Resources and Search for Bibliophiles, Librarians and Collectors
http://www.vialibri.net/

WishMindr - Free Online Wishlist Maker and Reminder
http://wishmindr.com/

<u>Selected Shopping Online Resources Including Coupons, Deals and Discounts Codes 2020:</u>

123Bargains.com - Online Shopping Deals, Bargains, Discounts, Rebates, and Coupons
http://www.123Bargains.com/

360CouponsCodes.com - Coupons Galore
https://www.360couponcodes.com/

360VoucherCodes - Codes Galore
http://www.360vouchercodes.co.uk/

a2zDeals.com - Free Coupon Codes, Coupons and Online Shopping Deals
http://www.a2zDeals.com/

Allconnect - Compare, Purchase and Connect All Your Home Services At One Time
http://www.allconnect.com/

All Online Coupons
http://www.allonlinecoupons.com/

BargainSpy - Bargains and Discounts - UK Based
http://www.bargainspy.co.uk/

Bazaarvoice - Online Customer Ratings and Reviews
http://www.bazaarvoice.com/

BestCovery - Discover the Best of Everything
http://www.bestcovery.com/

BizRate
http://www.bizrate.com/

Black Friday 2019
http://www.bfads.net/

BlackFriday.com 2019 – Black Friday Ads
http://blackfriday.com/

BuyersEdge - The Edge on the Widest Range of Consumer Electronics
http://www.BuyersEdge.com/

BzzAgent - Word of Mouth Marketing and Media Network (WOM)
http://www.bzzagent.com/

Changing the Present - Changing the World One Gift at a Time
http://www.changingthepresent.org/

Compare UK Supermarket Prices
http://www.mysupermarket.co.uk/

Consumer World – Shopping Resources
http://www.consumerworld.org/pages/shopping.htm

ContestGirl - Directory of Quality On-Line Sweepstakes and Contests
http://www.contestgirl.com/

CostHelper
http://www.CostHelper.com/

Coupon Album
http://www.couponalbum.com/

Coupon Cactus - Free Online Code and Discount Codes
http://www.couponcactus.com/

Coupon Code
http://www.CouponCode.com/

Coupon Commando - The Web's Best Deals and Online Coupons
http://www.couponcommando.com/

Coupon Craze - Coupons and Discount Codes
http://www.CouponCraze.com/

Coupon Dad – The Latest Promo Codes, Coupons and Deals
http://www.coupondad.net/

Coupon Flip – Online Coupons
http://www.couponflip.com/

CouponLawn – Coupon Codes, Promotional Codes and Discounts
http://www.CouponLawn.com/

CouponMeUp.com - Online Coupons, Coupon Codes and Online Shopping Discounts
http://www.couponmeup.com/

Coupon Mom - Grocery Coupons, Coupons, Free Samples, Online Coupons, Restaurant Coupons
http://www.CouponMom.com/

Coupons at Checkout – Never Search for a Coupon Code Again
http://couponfollow.com/checkout

Coupon Saver - Coupons, Coupon Codes and Promotional Codes
http://www.CouponSaver.org/

Coupons.com - Free Coupons, Print and Save
http://www.coupons.com/

CouponSurfer - Free Online and Printable Coupons
http://www.couponsurfer.com/

CoupRecoup - Free Marketplace to Buy and Sell Local Deals
http://couprecoup.com/

Current Codes - Find Promotional Codes, Discount Codes, Coupon Codes, and more for Your Favorite Online Stores
http://www.CurrentCodes.com/

CyberMondayDeals
http://www.offers.com/cyber-monday/

Cyber Monday - Online Shopping Deals and Coupons
http://www.CyberMonday.com/

DailyDeals - Online Coupons and Discounts
http://www.DailyDeals.com/

DaddyODeals - Free Coupons, Hot Deals and Online Bargains
http://www.daddyodeals.com/

DealBase.com - Resource of Analyzed Hotel Deals and Discounts
http://www.DealBase.com/

DealDump - All Good Deals - All the Time
http://dealdump.com/

DealExtrene - Cool Gadgets at the Right Price
http://dx.com/

Dealigg - Social Bargain Hunting
http://www.dealigg.com/

Deal Item - Deals and Coupons for Electronics and Tech
http://www.dealitem.com/

DealNews - News On Deals
http://www.DealNews.com/

DealRadar - Daily Deals and Local Offers
http://www.dealradar.com/

DealTaker - Online Coupons and Deals
http://www.DealTaker.com/

DealWorker - Online Coupons and Codes, Promotion Codes, Price Drops and Free Shipping
http://www.dealworker.com/

Deals of America
http://www.dealsofamerica.com/

DealsPlus - Hot Deals, Coupons, Compare Prices, Shopping, Reviews
http://www.dealspl.us/

DealStream
https://dealstream.com/

Early Black Friday 2019
http://www.EarlyBlackFriday.com/

10

eBay
http://www.ebay.com/

eCommerce Resources 2019
http://www.eCommerceResources.info/

eCouponBot.com - Find Online Coupons and Discount Codes by Marcus P. Zillman, M.S., A.M.H.A.
http://www.eCouponBot.com/

EcxTech – Lavell Virtual Stores
https://ecxtech.io/

Etsy - Your Place To Buy and Sell All Things Handmade
http://www.etsy.com/

Free Coupons - Free Coupon Codes and Printable Coupons for Top Brands
http://www.freecoupons.com/

FreeShipping.org - Free Shipping Coupons & Coupon Codes
http://www.FreeShipping.org/

Frugal Internet Links
http://www.savvy-discounts.com/links/links_consumer_frugal.htm

GoodGuide - Ratings of Natural Products, Green Products and Health Products
http://www.goodguide.com/

GottaDeal.com - Hot Deals, Coupons and More
http://www.Gottadeal.com/

Groupon – Save 50% to 90%
http://www.Groupon.com/

Guide To Online Shopping For Seniors
https://wikibuy.com/blog/guide-to-online-shopping-for-seniors-a2dac768cdf3

Honey - Finds the Best Coupon Codes to Give You the Best Savings Online
http://www.joinhoney.com/

InsiderPages
http://www.InsiderPages.com/

Inventables - Material and Technology Marketplace
https://www.inventables.com/

KeyCode - Online Coupon Codes, Discounts and Online Deals
http://www.keycode.com/

Letgo - A Fun and Unique Way To Shop and Sell Nearby Second Hand Items
http://www.letgo.com/

mamma - Largest Coupon Code and Discount Search Engine
https://www.mamma.com/

Mighty Goods
http://mightygoods.com/

Money Saver Coupons Online
http://www.moneysavercouponsonline.com/

My Bargain Buddy
http://mybargainbuddy.com/

MyCoupons - Coupons and Coupon Codes for Discounts Everywhere
http://www.MyCoupons.com/

My Grocery Deals - Your FREE On-Line Source... for Huge In-Store Savings
http://www.mygrocerydeals.com/

My Voucher Code
http://www.myvouchercodes.co.uk/

NetMarket - Online Shopping With Discount Pricing - Bargain Electronics Superstore
http://www.netmarket.com/

Offer of the Day
http://www.offeroftheday.co.uk/

Official Coupon Code
https://www.officialcouponcode.com/

Online Coupon Island
https://www.onlinecouponisland.com/

OverStock.com - Your Online Outlet
http://www.overstock.com/

Passwird - Deals and Bargains
http://www.passwird.com/

PicClick - Visual Shopping - Find Everything 100X Faster
http://www.PicClick.com/

PriceDash - Latest Discount Codes for UK Shops
http://www.PriceDash.com/

Priceonomics - The Price Guide for Everything
http://priceonomics.com/

ProCoupon Code
http://www.ProCouponCode.com/

Product Reviews and Reports by Consumer Search
http://www.consumersearch.com/

Raise Marketplace – Go-To Deals On Your Go-To Brands
https://www.raise.com/

Rakuten – Shop, Earn, Get Cash Back
http://www.rakuten.com/

Rather Be Shopping - Free Online Coupons and Links
http://www.rather-be-shopping.com/

RedPlum – Save.com Now
http://www.save.com/coupons/

Reevoo.com – Customers Convincing Customers
http://www.reevoo.com/

RetailMeNot - Coupon Codes for Online Stores
http://www.retailmenot.com/

Review Centre - Read Consumer Reviews and Price Comparisons on Thousands of Products and Services
http://www.reviewcentre.com/

Review Gist - They Read the Reviews So You Do Not Have To
http://reviewgist.com/

RewardsDB - Online Shopping Rewards
http://www.rewardsdb.com/

Safe Shopping
http://www.safeshopping.org/

Savings.com - Free Online Coupons, Discount Codes and Deals
http://www.savings.com/

Savoo.co.uk - Free Online Voucher Codes, Discount Codes, Promo Codes Savings
http://www.savoo.co.uk/

Shop.com
https://www.shop.com/

Shop It To Me - Free Personal Shopper for Clothes and Accessories
http://www.shopittome.com/

Shopping.com
http://www.shopping.com/

Shopping Deals
http://www.shopping-deals.com/

Shopping UK Google
https://www.google.co.uk/shopping

Shopping US Google
https://www.google.com/shopping

Shopswell - Shopping Smarter Together
https://www.shopswell.com/

SlickDeals
http://www.slickdeals.net/

SlickDeals Deals Forums
http://slickdeals.net/forums/

Smart Bargains
http://www.smartbargains.com/

Smash Deals & Coupons
http://www.smashdeals.com/

SplashShopper - Ultimate Smart List Manager You Can Take With You
http://www.splashdata.com/splashshopper/index.htm

Stylehive - Connecting Stylish People, Hot Trends and Products
http://www.stylehive.com/

Super Pages
http://www.superpages.com/

SusieSays - Shop, Compare Prices, Read Reviews, Find Free Coupons
http://www.susiesays.com/

Swap.com - Swap Your Items Worldwide
http://www.swap.com/

TechBargains
http://www.techbargains.com/

The Bargainist - Deals, Sales and Coupons
http://www.bargainist.com/

The Budget Fashionista
http://www.thebudgetfashionista.com/

ThisNext - Shopcasting Network
http://www.thisnext.com/

Tjoos.com - More Coupons ... Less Crap
http://www.tjoos.com/

UltimateCoupons.com
http://www.ultimatecoupons.com/

ValoreBooks - The Cheapest Textbooks
https://www.valorebooks.com/

ValPak - Coupons and Savings In Your Neighborhood
http://www.valpak.com/coupons/home

Vetted Deals 2020
http://www.VettedDeals.com/

Want - Find Desired Products Hand-Selected By a Community of Shoppers
http://wanttt.com/

Wicked Vouchers from Thousands of UK Retailers
http://www.wickedvouchers.co.uk/

Woot - One Day, One Deal
http://www.Woot.com/

xpBargains - Best Source of Best Tech Deals
http://www.xpbargains.com/

Yahoo Shopping
http://shopping.yahoo.com/

Notes and Suggestions for Virtual Shopping

Whether your gift list is ready or you're wondering how long you can wait to start your holiday shopping, the Federal Trade Commission has online tips to help you get the best deals. The bottom line: Some extra research can really pay off:

Set a Budget. Create a gift list and check it twice to help you stay on track and not overspend.

Decide What Matters. Especially if you're buying gadgets, know what your "must-have" features are vs. those that are just nice to have.

Use Search Engines. Type a company or product name into your search engine with terms like "review," "complaint" or "scam" to find out more about it.

Read Reviews Online. Reviews from other people, experts, and columnists can give you an idea of how a product performs. But don't put all of your trust in one review.

Consider Reputation. A brand's reputation for quality and good customer service can really pay off.

Check Comparison Shopping Sites. They connect to many retailers selling the same product, sometimes at significantly different prices. Keep shipping costs in mind.

Consider Coupons. Some companies offer discounts via e-mail, and some websites collect and list codes for free shipping and other discounts. Search for the store with terms like "discount," "coupon" or "free shipping."

Read Return Policies. Not all stores have the same rules. Some charge fees for return shipping or restocking things like electronics.

Decide How to Pay. When you shop online, credit cards can offer extra protections.

Look for a Secure Checkout. Does the website start with https (the "s" stands for secure) when you're checking out?

Visit the following Resources to discover additional information on secure online shopping:

Online Scams 101 – How To Avoid Scams
https://us.norton.com/internetsecurity-online-scams-protecting-yourself-from-online-shopping-scams.html?aid=secure_shopping

Shopping Online – Consumer Information
https://www.consumer.ftc.gov/articles/0020-shopping-online

Safe Online Shopping Tips from Bank of America
https://www.bankofamerica.com/credit-cards/education/safe-online-shopping.go

Online Shopping – Wikipedia
https://en.wikipedia.org/wiki/Online_shopping

Awareness Watch™ Spotters

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 79 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 (939KB) 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: November 1, 2019**]. Other white papers are available by clicking here.

Updated> Deep Web Research and Discovery Resources 2020
http://www.DeepWeb.us/
I have just updated my white paper link dataset compilation and now titled **Deep Web Research and Discovery Resources 2020** and it is now a 68 page 845KB 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! **November 1, 2019**

Open Educational Resources (OER) Sources 2020
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 2020, 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™. Complete Update Including All Links Validated on November 1, 2019 [35 pages, 788KB PDF]

Truth or Fiction - Seeking Truth and Exposing Fiction Since 1999
https://www.truthorfiction.com/
TruthOrFiction.com is a non-partisan website where Internet users can quickly and easily get information about eRumors, fake news, disinformation, warnings, offers, requests for help, myths, hoaxes, virus warnings, and humorous or inspirational stories that are circulated by email. TruthOrFiction.com is designed to be of value to the ordinary user of the Internet who wants to make sure that a email, post or story contains information, not

misinformation. Our focus tends to be on stories that are the most widely-circulated via social media. Every story on TruthOrFiction.com has either been personally researched by the TruthOrFiction.com staff or, in some cases, is known to be a classic rumor or urban legend that has stood the test of time. As much as possible, the sources of our information are included in the stories. 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 Information Quality Resources Subject Tracer™.

Lead Stories - Innovative Fact Checking and Debunking Website
https://leadstories.com/
Lead Stories is an innovative fact checking and debunking website at the intersection of big data and journalism that launched in 2015. Their editorial team used the technology provided by Trendolizer™ (patent pending) to quickly find the most trending content on the internet to write about but their mantra has always been "Just Because It's Trending Doesn't Mean It's True." Originally started as a site about what was currently trending on the internet in general (and in some cases if it was actually true) they gradually shifted into full time fact checking and debunking mode ever since the primaries of the 2016 U.S. Presidential Election. Nowadays they specifically hunt for trending stories from known fake news, satire or prank websites in order to debunk them as quickly as possible. Often they are one or two days ahead of other fact checking websites because they actively monitor the fake news ecosystem and they don't have to wait for reader tips or reports before getting started on a story. Since February 2019 they are actively part of Facebook's partnership with third party fact checkers. Under the terms of this partnership they get access to listings of content that has been flagged as potentially false by Facebook's systems or its users and they can decide independently if they want to fact check it or not. In addition to this we can enter our fact checks into a tool provided by Facebook and Facebook then uses their data to help slow down the spread of false information on its platform. Facebook pays them to perform this service for them but they have no say or influence over what they fact check or what their conclusions are, nor do they want 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™. This will be added to Information Quality Resources Subject Tracer™.

Hoax-Slayer
https://www.hoax-slayer.net/
Hoax-Slayer is owned and operated by Brett Christensen. Hoax-Slayer debunks email and social media hoaxes, thwarts Internet scammers, combats spam, and educates web users about email, social media, and Internet security issues. 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 Information Quality Resources Subject Tracer™. This will be added to Internet Hoaxes Subject Tracer™.

Sponsoring Consortium for Open Access Publishing in Particle Physics (SCOAP3)
https://scoap3.org
Researchers, students, readers with an interest in particle physics, and librarians may appreciate the work of the Sponsoring Consortium for Open Access Publishing in Particle Physics, or SCOAP3 for short. Describing itself as "a one-of-its-kind partnership of over 3,000 libraries, key funding agencies and research centers in 44 countries and 3 intergovernmental organizations," SCOAP3 works with leading publishers like Elsevier and Springer to convert academic journals in the field of high energy physics to an open access model with no publication fees for authors. Since its launch in January 2014, SCOAP3 has funded more than 30,000 articles, with more than 5,000 articles funded in 2019 as of this write-up. Currently, there are 11 journals participating in SCOAP3, including Nuclear Physics B, Physical Review Letters, and Progress of Theoretical and Experimental Physics. Those interested in reading open-access articles from these and other journals can find them in the SCOAP3 Repository, while those interested in learning more about how SCOAP3 works will find helpful explanations in the FAQ section as well as several recorded webinars in the Resources section. This will be added to Education 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™. Copyright © 2017 Internet Scout Research Group - http://scout.wisc.edu

2020 Resources from Statistics in Schools
https://www.census.gov/programs-surveys/sis/2020census/2020-resources.html
New activities designed specifically for the 2019-2020 school year spotlight the 2020 Census and the importance of making sure everyone is counted, especially children. The decennial count impacts the federal funds that communities receive for special education, classroom technology, teacher training, after-school programs, school lunch assistance, and more. Use activities for pre-K through 12th grade today to help your students, school, and community. This will be added to Statistics Resources Subject Tracer™. This will be added to New Economy Resources 2020 Subject Tracer™. This will be added to Education 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™.

Just Released> 2020 Guide to Searching the Internet
http://www.SearchingTheInternet.info/
Searching the Internet is now as common place as driving the car and most people consider the use of just one search engine to obtain results that they are looking for. This paper is designed to open your eyes to the many excellent resources on the Internet to search for information and/or to discover new knowledge! This paper will explain to you a number of ways to search for information on the Internet and methods to continue your searches and knowledge discovery. This paper is also designed for the "newbie" to the Internet or for the person who only uses one source to search for information on the

Internet. Of course there are some hidden jewels for the seasoned searcher!! 2020 Guide to Searching the Internet: Released: November 11, 2019 20 Pages PDF (1.33MB).

Articulate 360
https://articulate.com/360
All the apps and resources you need, continuously updated with new features. It includes: a) Award-Winning Authoring Apps including Storyline 360, Rise 360, and more; b) 4.5+ Million Course Assets including templates, characters, photos, videos, icons, and more; c) Project Review App; and d) Live Online Training. Articulate 360 gives you the right app for the job, always. Articulate 360 includes both Storyline 360 and Rise 360, plus a slew of other authoring apps. Use Storyline 360 to develop custom, interactive courses that work on every device—without any manual tweaking. It's powerful enough for experts, but easy for beginners to create virtually any interaction imaginable. Choose Rise 360 when you want to build fully responsive courses in minutes. All you need is a web browser to quickly create beautiful courses optimized for every screen size. Get the course assets you need to get going quickly. Articulate 360 includes a library of 4.5+ million photos, templates, characters, videos, icons, and more. Speed project reviews by allowing stakeholders to view courses and provide feedback in a web browser—no app download required. This will be added to Education 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™.

Amazon Quantum Ledger Database (QLDB)
https://aws.amazon.com/qldb/
Amazon QLDB is a fully managed ledger database that provides a transparent, immutable, and cryptographically verifiable transaction log owned by a central trusted authority. Amazon QLDB tracks each and every application data change and maintains a complete and verifiable history of changes over time. Ledgers are typically used to record a history of economic and financial activity in an organization. Many organizations build applications with ledger-like functionality because they want to maintain an accurate history of their applications' data, for example, tracking the history of credits and debits in banking transactions, verifying the data lineage of an insurance claim, or tracing movement of an item in a supply chain network. Ledger applications are often implemented using custom audit tables or audit trails created in relational databases. However, building audit functionality with relational databases is time-consuming and prone to human error. It requires custom development, and since relational databases are not inherently immutable, any unintended changes to the data are hard to track and verify. Alternatively, blockchain frameworks, such as Hyperledger Fabric and Ethereum, can also be used as a ledger. However, this adds complexity as you need to set-up an entire blockchain network with multiple nodes, manage its infrastructure, and require the nodes to validate each transaction before it can be added to the ledger. Amazon QLDB is a new class of database that eliminates the need to engage in the complex development effort of building your own ledger-like applications. With QLDB, your data's change history is

immutable – it cannot be altered or deleted – and using cryptography, you can easily verify that there have been no unintended modifications to your application's data. QLDB uses an immutable transactional log, known as a journal, that tracks each application data change and maintains a complete and verifiable history of changes over time. QLDB is easy to use because it provides developers with a familiar SQL-like API, a flexible document data model, and full support for transactions. QLDB is also serverless, so it automatically scales to support the demands of your application. There are no servers to manage and no read or write limits to configure. With QLDB, you only pay for what you use. 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™.

GPO Produces U.S. Code with New Digital Publishing Technology
https://www.govinfo.gov/features/uscode-2018
GPO has taken a major step forward in the modernization of its publishing systems by beginning to publish the 2018 main edition of the United States Code through XPub, the agency's new digital technology for XML-based publishing. With the implementation of XPub, GPO will be able to simultaneously publish all legislative documents in a variety of print and digital formats in a more timely manner. The 2018 Main Edition of the U.S. Code is the first, large-scale production job that GPO has published using the new composition system. The XPub system will replace GPO's more than 30-year-old MicroComp system. GPO plans to transition the production of all routine publications, including the Congressional Record, the Federal Register, Public Laws, Congressional Bills, Statutes at Large, and House and Senate Calendars, to the XPub system. XPub will allow customers to provide GPO with content in any format. The system will also be able to do the following: a) Accept content in any form, including XML sources, as well as digital file formats and hard copy manuscript pages; b) Simultaneously generate content in a variety of print and digital formats, including but not limited to mobile apps, websites, eBooks, print-ready PDFs, and print products; c) Produce PDF files and digital products that are Section 508-compliant, meaning they are accessible to people with disabilities; and d) Create templates so content can be easily repurposed and reproduced. The U.S. Code is a consolidation and codification by subject matter of the general and permanent laws of the United States, and is produced in a Main Edition every six years. The 2018 Main Edition is approximately 60,000 pages encompassing 54 volumes, and is prepared by the Office of the Law Revision Counsel. Through XPub, GPO plans to complete the publishing of the 2018 Main Edition in less than a year – a process that has historically taken 1.5 years.
The first seven titles of the 2018 U.S. Code are available now on govinfo with additional titles to be released continuously as they are available. 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™.

Official Release> 2020 Guide to Searching the Internet
http://www.SearchingTheInternet.info/
Searching the Internet is now as common place as driving the car and most people consider the use of just one search engine to obtain results that they are looking for. This paper is designed to open your eyes to the many excellent resources on the Internet to search for information and/or to discover new knowledge! This paper will explain to you a number of ways to search for information on the Internet and methods to continue your searches and knowledge discovery. This paper is also designed for the "newbie" to the Internet or for the person who only uses one source to search for information on the Internet. Of course there are some hidden jewels for the seasoned searcher!! 2020 Guide to Searching the Internet: Official Release: November 11, 2019 20 Pages PDF (1.33MB).

Pew Report: The American Veteran Experience and the Post-9/11 Generation
https://www.pewsocialtrends.org/2019/09/10/the-american-veteran-experience-and-the-post-9-11-generation
In September 2019, the Pew Research Center released this report examining trends among the experiences of American military veterans, comparing veterans whose service began after 9/11 to those whose service ended prior to 9/11. The report looked at a variety of aspects of the veteran experience, including deployment and combat trends, how well veterans feel their training prepared them for military service and civilian life, and how both veterans and the general public view those who have served in the military. In addition to similarities, the study found several disparities between pre- and post-9/11 generations of veterans. For example, those who served after 9/11 were significantly more likely to be deployed and see combat than those who served prior to 9/11. Interested readers can view and download the full 38-page report at the link above, where they will also find multiple colorful graphs and the topline survey results. This report was authored by Kim Parker, Ruth Igielnik, Amanda Barroso, and Anthony Cilluffo. It is based on two surveys of US adults, with one survey consisting of 1,284 US military veterans and the other consisting of 1,084 US non-veterans. These surveys were conducted between May 14 and June 3, 2019. 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™. Copyright © 2017 Internet Scout Research Group - http://scout.wisc.edu

AI Chalet - Automate All Your Work Using AI For Free
https://aichalet.com/
AI Chalet is an artificial intelligence platform that allows users to create business programs without writing any code. By filling out the simple form on the home page AI Chalet processes millions of lines of source code to create small business applications that drive workers to much higher levels of productivity. 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™.

Atlas Network - Global Directory
https://www.atlasnetwork.org/partners/global-directory/
Explore their expansive directory of 483 partners and think tanks in 97 countries around the globe. The strengths of our dedicated partners have created some of the world's greatest improvements in freedom. This will be added to Directory Resources Subject Tracer™. This will be added to Education and Academic 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™.

FusionCharts - Build Beautiful Web and Mobile Dashboards
https://www.fusioncharts.com/
With their interactive and responsive charts, extensive documentation, consistent API, and cross-browser support - your next great dashboard starts here! 100+ Interactive Charts & 2,000+ Data-driven Maps. Get ready-to-use code for all variations of popular charts like Bar, Column, Line, Area and Pie; or domain specific charts like Treemaps, Heatmaps, Gantt Charts, Marrimekko Charts, Gauges, Spider Charts, Waterfall Charts and many more! Not a big fan of vanilla JavaScript? They have got you covered - FusionCharts comes with open-source plugins for popular front-end frameworks like React, AngularJS, Vue, jQuery, Ember; and back-end frameworks like PHP, ASP.NET, Java, Django and Ruby on Rails. Whether it's their getting started guides, chart tutorials, or API reference, they have made them as detailed as possible and added lots of real-world examples. 15 minutes is all you need to create your charts with FusionCharts. Making the developer's life effortless while delivering industry grade solution. Additional features: a) Comprehensive documentation - Whether it's our Getting Started guides, chart tutorials, or API reference, we've made them as detailed as possible and added lots of real-world examples. 15 minutes is all you need to create your charts and dashboards with FusionCharts; b) Direct support from developers - Need a hand configuring or customizing your charts? Their customer success team is here to help. Connect with them on chat, post your query on our forum or just send us a screenshot of the chart you want and they will help you build it instantly; and c) Quick Integrations with all tech stacks - They provide integrations for all popular front-end libraries and back-end languages. Be it React, Angular, Vue, jQuery, Java, .NET or PHP, get started in less than 15 minutes. 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™.

PageProbe - Automatic Page Monitor
https://nodetics.com/pageprobe/
PageProbe WebExtension can monitor any web pages you can access on the Internet or in your company intranet. By simply right-clicking the content you see on a page, you can quickly create a tracker with optional conditions and actions and then view the status of those trackers in a simple monitoring view. By clicking the extension icon you can see a nice overview of all your trackers and the data retrieved. Trackers can be easily organized

24

into groups. They believe that people are evaluating the things they monitor based on certain conditions and when those conditions are met, they will take action. For example, the price of the television that you want will drop below certain price. They believe that when this kind of tracking of many things happens manually every day, it is a huge waste of time and you can easily miss good discounts, buying or selling opportunities and as a result can also lose money. Therefore most of content monitoring should be easily automated so that an application will monitor the things you have defined, evaluates the results based on the conditions you have defined and then notifies you when those conditions are met so that you can take action. Features include: 1) Unlimited number of trackers that can monitor any accessible page on the Internet or intranet; 2) Fully local solution - does not require an account; 3) Trackers can be organized into a tree based hierarchy of groups; 4) Converters allow you to easily transform strings to numbers and perform simple arithmetic on them; 5) Advanced conditions for trackers: contains text, doesn't contain text, contains all words, doesn't contain words, contains any words, contains any words that start with, matches regexp, is, is not, begins with text, ends with text, smaller than, smaller than or equal, greater than, greater than or equal, is going up, is going down, has changed; 6) Case sensitive and case-insensitive matching; 7) Advanced actions: show desktop notification, play audio (local or URL), set color/CSS for monitor column/row, HTTP POST, IFTTT, data history logging, event log entry; 8) Data history logging will allow you to see with a simple chart how the value of some item has changed over time; 9) Export tracker table as Excel; and 10) Supports also cron / crontab style advanced scheduling! 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 Current Awareness Tools white paper.

December 2019 Zillman Column: 2020 Guide to Searching the Internet
http://columns.VirtualPrivateLibrary.net/2020_Guide_Searching_Internet_Dec19_Column.pdf
http://www.zillmancolumns.com/
The December 2019 Zillman Column features **2020 Guide to Searching the Internet** by Marcus P. Zillman, M.S., A.M.H.A.; Executive Director of the Virtual Private Library. This is a comprehensive listing of competent search and discovery resources including subject guides, subject tracers and index resources and sites available on the Internet. The below list of sources is taken from my Subject Tracer™ White Paper 2020 Guide to Searching the Internet and is constantly updated with Subject Tracer™ bots at the following URL http://www.SearchingTheInternet.info/. These resources and sources will help you to discover the many pathways available through the Internet to find the very latest competent Internet and web search and discovery resources. 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 competent internet search and discovery resources and sources. Download this excellent freely available 20 page 1203KB pdf column today. This is another MUST have column to discover the latest 2020 competent Internet and web search and discovery resources to give you the

information you need in today's ever changing and fast paced 2020 New Economy business and academic world!!

Open Syllabus Project: Co-Assignment Galaxy
https://galaxy.opensyllabus.org
The Open Syllabus Project (featured in the 7-15-2016 Scout Report) uses machine learning to analyze "a corpus of seven million English-language syllabi from over 80 countries." At the link above, readers will find the project's Co-Assignment Galaxy, a fascinating interactive visualization of more than 160,000 of the most commonly assigned texts in the Open Syllabus database. Upon arrival, visitors first see a concise yet detailed explanation of what the visualization shows and how it was created. The visualization itself is an intriguing, multicolored concoction that is well worth exploring. Each dot represents a text, with the more popular texts represented by larger dots. These are positioned such that "books that are close together in the layout are assigned in similar courses." Clicking a dot brings up a link to the text's profile page, where users can see more details like which other texts are frequently assigned alongside the selected item. A search bar in the upper left of the Galaxy enables readers to look for a particular title. Launched in 2016 and currently in its second database iteration, the Open Syllabus Project is directed by Joe Karaganis, who is also the vice president of the American Assembly, an independent nonprofit located at Columbia University. This will be added to Education 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™. Copyright © 2017 Internet Scout Research Group - http://scout.wisc.edu

e-codices: Virtual Manuscript Library of Switzerland
https://www.e-codices.ch/en
For those with an interest in medieval manuscripts, the digital library e-codices will be a welcome boon. First launched in 2005, e-codices bills itself as the "Virtual Manuscript Library of Switzerland" and provides visitors with "free online access to medieval and early modern manuscripts from public and church-owned collections as well as from numerous private collections." Here, visitors will find more than 2,200 digitized manuscripts, totaling more than 800,000 pages, from approximately 100 participating libraries and collections. Several collections are highlighted on the main page, and the Browse & Search section allows visitors to filter the e-codices collections by numerous fields, such as the text language, document type, and whether it is illuminated. While few of the manuscripts were originally written in English, all static pages and basic metadata on the e-codices website are available in English, as well as German, French, and Italian. The e-codices project was founded by its director Christoph Flueler, a professor of Manuscript Studies and Medieval Latin at the University of Fribourg. Since 2013, e-codices has been part of the initiative "Scientific information: Access, processing and safeguarding," which is a national program of swissuniversities, the umbrella organization for universities in Switzerland. This will be added to Education 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™. Copyright © 2017 Internet Scout Research Group - http://scout.wisc.edu

SDG Academy
https://www.sdgacademy.org
Readers interested in learning about sustainable development may want to check out these free graduate-level MOOCs (Massive Online Open Courses) offered by SDG Academy, a program from the United Nations' Sustainable Development Solutions Network. These interactive online courses are designed to "cover the headline issues and a multitude of interdisciplinary topics related to the 17 Sustainable Development Goals, a set of aims and targets adopted by member states of the United Nations in 2015," with each course aligning with one or more of these goals. For example, the course entitled "Macroeconomics for a Sustainable Planet" adheres to Goal 8: Decent Work and Economic Growth, while the introductory course "The Age of Sustainable Development" is relevant to all 17 goals. The instructors for SDG Academy's courses are experts drawn from universities, institutes, and organizations around the world, such as New York University, the University of Oxford, and the Stockholm Resilience Centre. Most of the courses are self-paced and can be completed anytime, while some are instructor-paced and have specific start and end dates. All of SDG Academy's courses can be accessed and completed for free via the edX platform, and learners also have the option to purchase certificates verifying course completion. This will be added to Green Files Subject Tracer™. This will be added to Education 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™. Copyright © 2017 Internet Scout Research Group - http://scout.wisc.edu

Full Fact - UK's Independent Fact Checking Charity
https://fullfact.org/
They provide free tools, information and advice so that anyone can check the claims we hear from politicians and the media. 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 Information Quality Resources Subject Tracer™.

ZIPPIA - Explore Jobs, Majors, and Cities
https://www.zippia.com/
The information and tools to find your next job. They believe that every person should have access to the best information available to evaluate and choose a job. Other sites list jobs, but they don't care how it fits you and your longer term career. Zippia helps you find and pursue the job that's right for your career.et job recommendations based on your background, workplace preferences, and career goals. See if the company culture matches you. Discover new career options based on your skill set, including salaries, job

27

responsibilities, and more. Discover new career options based on people with similar skill sets, salaries and job responsibilities. This will be added to Employment 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™.

ShoppingBots and Online Shopping Resources 2020
http://www.ShoppingBots.info/
The above is my 24th annual release of **ShoppingBots and Online Shopping Resources 2020** allowing you to shop with your bot until you drop! I started this in 1996 and have annually released a new edition each year since then! Also included with the list of ShoppingBots (Shopping Search Engines) is a very comprehensive listing of coupon, discount code and deal sites and resources. It is a 29 page .pdf document 741KB and **Created on November 23, 2019**. Other white papers are available by clicking here.

trint - Transcription Revolutionized
https://trint.com/
Trint's automated transcription software was invented by journalists, but we know converting audio to text is a necessary task for a lot of us: marketing, media, academia, research, user experience, law, justice, government, healthcare – the list is endless. They built Trint for everyone. They have a roadmap in the works that modestly boasts some jaw-dropping innovation. Users tell them their transcription software is "magic" and a "game-changer." Drop your audio and video files* straight into Trint's web-based or iOS transcription software and you'll have completed transcripts back minutes. *(.mp3, .mp4, .m4a, .aac, .wma, .avi, .wav, .mov). The Trint Editor is your one-stop shop to find, understand, verify and share key moments. Within the Editor you can highlight, comment and polish to perfect in seconds: the source audio or video is glued to the text on the screen.Easily move to the next step in your workflows through a range of export formats*, or set up automations with Zapier to get your work into other software. *(.docx, .srt, .vtt, .txt, .stl, .edl, .html, .xml, .csv). 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™.

Otter.ai - AI for Everyday Conversations
https://otter.ai/
Otter turns your voice conversations into smart notes that you can easily search and share. You can use it to take notes at your meetings and interviews, capture your thoughts and ideas while you're driving in the car, and transcribe your existing recordings and podcasts. You can even snap photos (e.g. of a whiteboard, or a speaker or presentation slide at an event) during a recording and they will be inserted inline with your transcripts. The possibilities are endless. Otter.ai creates technologies and products that make information from important voice conversations instantly accessible and actionable. 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™.

eBoard - Realtime Collaboration Web Whiteboard
https://www.webboard.io/realtime-collaboration-whiteboard
WeBoard is made for developers, online & offline instructors, and team leaders. They couldn't find a tool that has all the features that they needed to get more things done by spending less money... So they made one! WeBoard has a vast number of features which can make realtime collaboration with your team seamless. A set of tools at your fingertips which can help you takeaway your board from first annotations to fully streamed lectures and meetings. Every place on the Earth becomes your office. Every room can be your classroom with an infinite whiteboard! 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™.

Temi - Advanced Speech Recognition Software
https://www.temi.com/
Temi is changing how people extract value out of their digital files. With the explosion of personal and online media, we believe there is tremendous value in this content, just waiting to be unlocked. We started building a better speech recognition service combined with user-friendly tools. Temi App: a) Record memos, lectures, meetings & more; b) Organize, edit, and share recordings; and c) Order transcripts. 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™.

Open Access Government
https://www.openaccessgovernment.org/
Open Access Government is a digital publication that provides an in-depth perspective on key public policy areas from all around the world, including health and social care, research and innovation, Technology, blockchain innovation, government, environment and energy. Each quarterly edition features a wide-range of prestige contributors, including government ministers, European commissioners, members of European Parliament, industry associations and charities. The website Open Access Government hosts the quarterly publication and each article from that is uploaded directly to the website and is promoted on our social media channels. We also publish daily news, plus a wide range of special reports and publications that provide a high level of detail on key policy issues, such as health and research. 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

Education, Privacy, and Big Data Algorithms: Taking the Persons Out of Personalized Learning by *Priscilla M. Regan, Valerie Steeves*

Abstract
In this paper, we review the literature on philanthropy in education to provide a larger context for the role that technology company foundations, such as the Bill and Melinda Gates Foundation and Chan Zuckerberg Initiative, are playing with respect to the development and implementation of personalized learning. We then analyze the ways that education magazines and tech company foundation outreach discuss personalized learning, paying special attention to issues of privacy. Our findings suggest that competing discourses on personalized learning revolve around contested meanings about the type of expertise needed for twenty-first century learning, what self-directed learning should look like, whether education is about process or content, and the type of evidence that is required to establish whether or not personalized learning leads to better student outcomes. Throughout, privacy issues remain a hot spot of conflict between the desire for more efficient outcomes and a whole child approach that is reminiscent of John Dewey's insight that public education plays a special role in creating citizens.

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/

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/

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/

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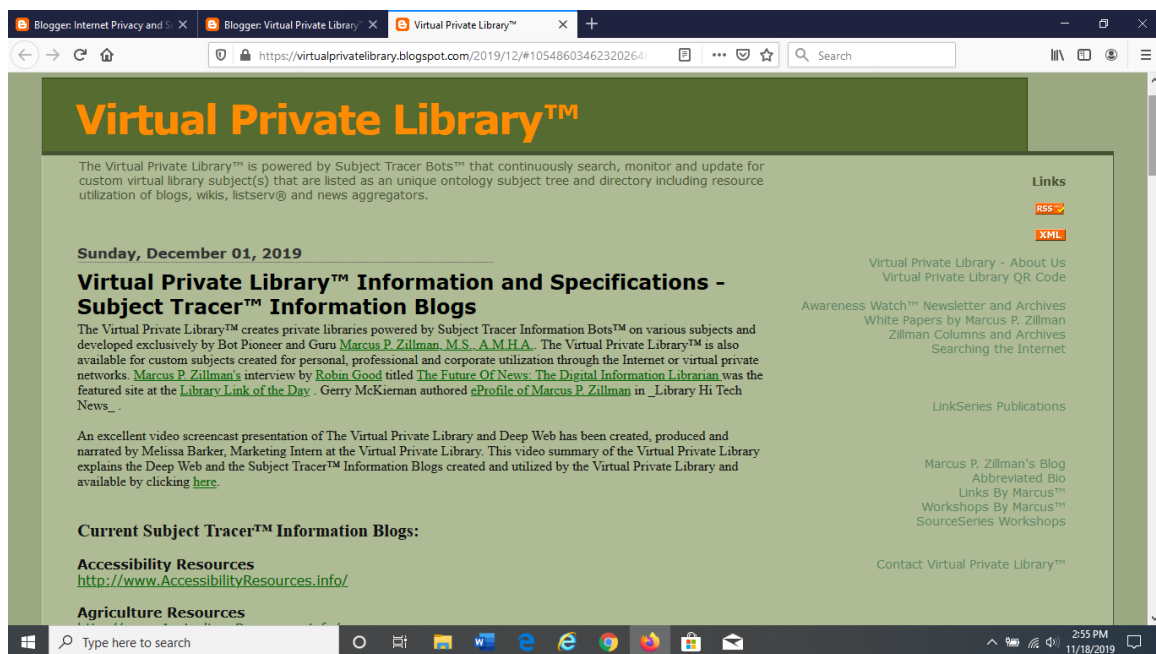http://www.WWWReference.info/

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
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/

Watch Marcus™
http://www.WatchMarcus.com/

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http://www.ListenToMarcus.com

Research White Papers, Articles, Lectures and Speeches by Marcus P. Zillman, M.S., A.M.H.A.:

2019 Directory of Directories
http://www.2019DirectoryOfDirectories.com/

Academic and Scholar Search Engines and Sources 2020
http://www.ScholarSearchEngines.com/

Bots, Blogs and News Aggregators 2020
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
http://www.zillman.us/white-papers/current-awareness-discovery-tools-on-the-internet/

Deep Web Research and Discovery Resources 2020 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 2020
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/

2020 Guide to Searching the Internet
http://www.SearchingTheInternet.info/

Using the Internet As a Dynamic Resource Tool for Knowledge Discovery 2019
http://www.zillman.us/white-papers/using-the-internet-as-a-dynamic-resource-tool-for-knowledge-discovery/

Web Data Extractors 2020
http://www.WebDataExtractors.com/

Web Guide for the New Economy 2019
http://www.WebGuideNewEconomy.com/

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

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

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

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

Current Awareness Monitors, Alerts and Information Traps
http://www.ecurrentAwareness.com/
http://www.CurrentAwarenessTools.com
 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 availanle 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
http://www.MarketIntelligenceResources.com/
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
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.