Welcome to the V22N1 January 2024 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 especially in today’s post COVID-19 New Economy and New Normal 2024 world!!

**Awareness Watch™ Featured Report**

This month’s featured report covers **Health PathFinders 2024** and is a comprehensive listing of competent Internet healthcare pathfinders resources and tools including the new economy and new normal internet directories, subject guides and index resources and sites on the Internet available for the 2024 year. The below list is taken partially from my 2023 Healthcare MiniGuide and is constantly updated with my Subject Tracer™ bots at the following URLs:

http://www.HealthPathFinders.com/

These resources and sources will help you to discover the many new pathways available through the Internet to find the latest new and existing world wide web and Internet competent health pathfinders research sources, tools and sites. As this site is constantly updated it would be to your benefit to bookmark and return to the above URLs frequently. The below resources and sources will be your health pathfinder to all the new and existing competent health research tools and resources on the Internet.
Health PathFinders 2024:

Healthcare Search Engines and Selected Bots:

Academic and Scholar Search Engines and Sources 2023/2024
http://www.ScholarSearchEngines.com/

Administrators in Medicine (AIM)
https://administratorsinmedicine.org/

American Board of Medical Specialties - Board Certification Verification
http://www.certifacts.org/

arXiv.org - Open Access e-Prints
https://arxiv.org/

Babylon – Everyone’s Personal Health Answer Service
http://www.babylonhealth.com/

BioMail – New References from Medline to Your eMail Account
http://biomail.sourceforge.net/biomail/index.html

BioMed Central
http://www.biomedcentral.com/

BIOZ – AI Search Engine for Scientific Experimentation
https://www.bioz.com/

CDC WONDER (Wide-ranging ONline Data for Epidemiologic Research)
http://wonder.cdc.gov/

CME Search HealthStream
http://www.healthstream.com/

CureHunter - Medical Search and Discovery
http://www.CureHunter.com/

Diagnosia - Medical Drug Search Engine
http://www.diagnosia.com/

Diseases Database - Medical Lists and Links searchable Diseases Database
http://www.diseasesdatabase.com/
DocInfo - Your Most Accurate and Trusted Source for Physician Disciplinary Information
http://www.docinfo.org/

eHealthcareBot.com – 2024 Search Engine for Healthcare Resources
http://www.eHealthcareBot.com/

Emati – The Paper Recommender System
https://emati.biotec.tu-dresden.de/

eMedicine - Point of Care Medical Reference for Physicians and Healthcare Professionals
http://emedicine.medscape.com/

ExploreProtocols.io - Share and Discover Life Science Methods
https://www.protocols.io/

FeedNavigator - Full Text Health Articles and RSS Feeds - National Library of Health Sciences - Terkko
http://www.terkko.helsinki.fi/feednavigator/

Finding and Using Health Statistics

FindZebra - Search Engine for Difficult Medical Cases and Rare Diseases
http://www.findzebra.com/

Generative AI Resources 2024
http://www.GenerativeAIResources.com/

Healing Foods Reference Database
http://www.HealingFoodReference.com/

Healio
https://www.healio.com/

Health Cyber Map
http://healthcybermap.semanticweb.org/

HealthFinder® - Your Guide to Reliable Health Information
http://www.healthfinder.gov/

Healthily – Medically Verified Health Information You Need for Self-Care
https://www.livehealthily.com/
Healthline - Health Search Engine and Medical Information
http://www.healthline.com/

Health On the Net(HON): MedHunt
http://www.hon.ch/HONsearch/Patients/medhunt.html

Health Central
http://www.healthcentral.com/

HighWire Press - Largest Repository of Free Full-Text Life Science Articles in the World
http://highwire.stanford.edu/

HONselect
http://www.hon.ch/MeSH/

Hospital Compare - A Quality Tool for Adults, Including People With Medicare
http://www.medicare.gov/hospitalcompare/search.html

HSTAT - Health Services/Technology Assessment Text and Bookshelf

IBM Watson Health
http://www.ibm.com/watson/health/

LOCATORplus – U.S. National Library of Medicine Reading Rooms

Mastodon Resources 2024
http://www.MastodonResources.com/

MediBid - Where Needs Meet Solutions
http://www.medibid.com/

Medical World Search
http://www.mwsearch.com/

MEDIGO - Find Healthcare Abroad
https://www.medigo.com/

MEDLINEplus
http://www.nlm.nih.gov/medlineplus/
MedWorm

MyHealthBox – Information Sources for Medicines and Healthcare Products
https://www.myhealthbox.eu/en/

NICE Evidence Search
http://www.Evidence.nhs.uk/

NLM Drug Information Portal
http://druginfo.nlm.nih.gov/drugportal/drugportal.jsp

NN/LM Guide to Internet Discovery Tools
https://nnlm.gov/

Open-i Project - An Open Access Biomedical Image Search Engine
http://openi.nlm.nih.gov/

OpenMD – Search Billions of Documents from Medical Organizations, Journals and Databases
https://openmd.com/

Open MetaVerse Resources 2024
http://www.OpenMetaVerse.us/

OReFiL: Online Resource Finder for Lifesciences
http://orefil.dbcls.jp/en/search/top

PDC - Physician Data Center
http://www.fsmb.org/pdc/

PharmGKB: The Pharmacogenetics and Pharmacogenomics Knowledge Base
http://www.pharmgkb.org/

PubMed

Researcher - Making Vital Research Hard To Miss
https://www.researcher-app.com/

Resource Identification Initiative
RODS Open Source Project - Open Source Real-time Outbreak and Disease Surveillance Software http://openrods.sourceforge.net/

SearchHealthIT http://searchhealthit.techtarget.com/

Swedish MeSH Tree Tool http://mesh.kb.ki.se/swemesh/swemesh_en.cfm


Trip Database – Clinical Search Engine http://www.tripdatabase.com/


VADLO - BioMedical and Life Sciences Search Engine http://vadlo.com/

Yale MeSH Analyzer http://mesh.med.yale.edu/

Your.MD – Artificial Intelligent Personal Health Assistant https://www.your.md/

Figure 1: eHealthcareBot.com – 2024 Search Engine for Healthcare Resources
Healthcare Directories, Subject Trees and Subject Tracers:

23 and Me – DNA Testing  
https://www.23andme.com/

2023 Healthcare MiniGuide  

2023 MiniGuides Series by Marcus P. Zillman, M.S., A.M.H.A.  
http://www.2023MiniGuides.com/

Accountable - Secure, Cloud-Based HIPAA Compliance Management Platform  
http://accountablehq.com/

A.D.A.M. Medical Encyclopedia  

Advancing Innovative Neurotechnologies (BRAIN)  

Agency for Healthcare Research and Quality Effective Health Care Program  
http://effectivehealthcare.ahrq.gov/

All About Forensic Science - Free and Comprehensive Guide to Forensic Science  
http://www.all-about-forensic-science.com/

AMEDEO - The Medical Literature Guide - Scientific Information in Medicine  
http://www.amedeo.com/

Antibody Registry  
http://antibodyregistry.org/

Archives of Medical Research  
http://www.sciencedirect.com/science/journal/01884409

Atlas of Emotions  
http://atlasofemotions.com

Authoratory - Database of Leading PubMed Scientists  
http://www.authoratory.com/
Best Guided Meditations For Sleep: Unlock Inner Peace And Deep Relaxation For The Best Sleep Of Your Life
https://www.nestmaven.com/sleep/aids/best-guided-sleep-meditation/

Better Data, Better Health

Better Health Channel (BHC)

Big A - Z List of Complementary and Alternative Therapies
http://www.sacredsoulholistics.co.uk/blog/big-list-complementary-alternative-therapies/

BioDigitalHuman – Powering the World’s Understanding of the Human Body
https://www.biodigitalhuman.com/

BioLINCC
https://biolincc.nhlbi.nih.gov/

Biological and Chemical Terrorism Information for Healthcare Professionals
http://www.istl.org/04-winter/internet.html

Biological Informatics 2023
http://www.BiologicalInformatics.info/

Bio-Med Library – All Health Sciences Databases
http://hsl.lib.umn.edu/

BlackStump Medical Page

Brain Facts: Explore the Brain and Mind
http://www.brainfacts.org/

Brain.fm - Improve Focus, Relaxation and Sleep With Audio Brainwave Training
http://www.Brain.fm/

Broad Institute - Propelling the Understanding and Treatment of Diseases
https://www.broadinstitute.org/

Burnout Research
http://www.journals.elsevier.com/burnout-research/
Cancer Commons - Open Science Cancer Collaboration for Patients, Researchers and Clinicians
http://www.cancercommons.org/

CareSet Journal
https://careset.com/journal/

CDC: 500 Cities Project
https://www.cdc.gov/500Cities

CDC Influenza Communication Resource Center
https://www.cdc.gov/flu/resource-center/index.htm

Center for Advanced Modeling
https://www.hopkinsmedicine.org/emergencymedicine/index.html

Centers for Disease Control (CDC)
http://www.cdc.gov/

CenterWatch - Global Source for Clinical Trial Information
http://www.centerwatch.com/

Change:Healthcare - Free Tools To Manage Your Healthcare Costs
https://www.changehealthcare.com/

Cloud MedX – Integrated Platform for Predictive Health Intelligence To Effectively Manage Population Health
http://www.cloud-medx.com/

Consciousness Hacking
http://www.cohack.life/

CorePsych - Brain and Body Connections
http://www.corepsych.com/

Cureus - The Medical Journal for a New Generation - Built for Doctors and Patients
http://www.cureus.com/

DAO Resources 2024
http://www.DAOResources.com/

Database of Abstracts of Reviews of Effects (DARE)
https://www.ncbi.nlm.nih.gov/books/NBK285222/
Decentralized AI Alliance
https://daia.foundation/

Demographic and Health Surveys – The DHS Program
https://dhsprogram.com/

Directory of America's Hospitals
http://health.usnews.com/best-hospitals

Diseases Database - Medical Lists and Links Searchable Diseases Database
http://www.diseasesdatabase.com/

Doximity - The Medical Network
https://www.doximity.com/

Drugs.com – Find Drugs and Conditions
http://www.Drugs.com/

Drug Watch - Drug Information, Side Effects and Interactions
http://www.DrugWatch.com/

DynaMed - Clinical Reference Tool
https://www.dynamed.com/home

Ejenta - Intelligent Agents for Connected Care
https://www.ejenta.com/

eLIFE - Open-access Journal That Publishes Promising Research in the Life and Biomedical Sciences
https://elifesciences.org/

eMedicine - Medscape
http://emedicine.medscape.com/

Encyclopedia of Biopharmaceutical Statistics
http://www.tandfonline.com/doi/abs/10.1198/tech.2001.s580#.Uh7pVH8Zy2k

Equator Network - Enhancing the QUAlity and Transparency Of health Research
http://www.equator-network.org/

Europe PubMed Central – Europe PMC
http://europepmc.org/
Everyday Health
http://www.everydayhealth.com/

Family Doctor - Health Information for the Whole Family
http://www.FamilyDoctor.org/

Figure 1 - Free, Safe Photo Sharing for Healthcare Professionals
https://figure1.com/

FluNet - Global Influenza Programme
https://www.who.int/tools/flunet

Free Medical Journals
http://www.freemedicaljournals.com/

Free Medical Books
http://www.freebooks4doctors.com/

GARD - Genetic and Rare Diseases Information Center
https://rarediseases.info.nih.gov/gard

GenBank®

Geometry.net - Health Conditions
http://www.geometry.net/health_conditions/

GigaScience Journal
https://academic.oup.com/gigascience

Grant Forward - Start Moving Your Research Forward
https://www.grantforward.com/

http://www.bartleby.com/107/

GreenMedInfo.com - Education Equals Empowerment
http://www.greenmedinfo.com/

Grey Literature Report - Health Services Research and Selected Public Health Topics
http://www.greylit.org/
Guide to Selected Bioinformatics Internet Resources
http://www.istl.org/02-winter/internet.html

HCPLive - Healthcare Professionals Homepage
http://www.hcplive.com/

Healio
https://www.healio.com/

Health
http://www.health.gov/

Health and Fitness – Federal Trade Commission Consumer Information
http://www.consumer.ftc.gov/topics/health-fitness

Healthcare Cost and Utilization Project (HCUP)
http://www.ahrq.gov/research/data/hcup/index.html

Healthcare Hashtag Project
https://www.symplur.com/healthcare-hashtags/

Healthcare Online Resources 2023
http://www.HealthcareResources.info/

Healthcare Subject Guides on Selected Topics – NLM Support Center

HealthData.gov
http://www.healthdata.gov/

Health Education Assets Library (HEAL)
http://library.med.utah.edu/heal/

Health, Fitness and Nutrition with Dr. Gabe Mirkin
http://www.drmirkin.com/

Health Informatics Forum - Discussion Forum for Health Informatics Professionals and Students
http://www.healthinformaticsforum.com/

Health InterNetwork Access to Research Initiative (HINARI)
http://www.who.int/hinari/en/
HealthMap - Global Disease Alert Mapping System
http://www.healthmap.org/en

Health Pathfinders
http://www.HealthPathFinders.com/

HerbMed
http://www.herbmed.org/

HerbNET - Comprehensive Site for All Things Herbal
http://www.herbnet.com/

Herb Research Foundation
http://www.herbs.org/

Home, Children and Clinical Studies (NHLBI, NIH, DHHS)

Hospital Compare - A Quality Tool Provided by Medicare
http://www.medicare.gov/hospitalcompare/search.html?AspxAutoDetectCookieSupport=1

Indiana Institute on Disability and Community
https://www.iidc.indiana.edu/index.html

Interagency Pain Research Portfolio (IPRP) - Federal Government's Pain Research Database
http://paindatabase.nih.gov/

International Aging Research Portfolio (IARP)
http://www.agingportfolio.org/

JNeurosci: The Journal of Neuroscience
http://www.jneurosci.org/

Journal of Open Health Data
http://openhealthdata.metajnl.com/

KoreaMed

LENUS - Irish Health Repository
http://www.lenus.ie/hse/
Life Science Teaching Resource Community (LifeSciTRC)
http://www.lifescitrsc.org/index.cfm

LIMSwiki - Laboratory, Health, and Science Informatics Encyclopedia
https://www.limswiki.org/index.php/Main_Page

LitMed: Literature Arts Medicine Database
http://medhum.med.nyu.edu/

Local Harvest Resources
http://www.localharvest.org/

Martindale's Health Science Guide
http://www.martindalecenter.com/HSGuide.html

MDExpress®
http://www.mdexpress.com/

MDLinx – Clinical and Medical Resources Updated Daily
http://www.mdlinx.com/

MediBid – The Marketplace for Medicine
http://www.medibid.com/

Medgadget - Latest Medical Gadgets, Technologies and Discoveries
http://medgadget.com/

Medical Dictionary Online
http://www.online-medical-dictionary.org/

Medical Education Online
http://med-ed-online.net/index.php/meo

Medical Heritage Library
http://www.medicalheritage.org/

Medical Library Association (MLA)
http://www.mlanet.org/

Medical Mnemonics - World's Database of Medical Mnemonics
http://www.medicalmnemonics.com/
Medical Tourism Guide
http://www.health-tourism.com/

MedicineNet.com - Health and Medical Information Produced By Doctors
http://www.MedicineNet.com/

Medivizor – Personalized Information and Updates with Serious Medical Conditions
https://medivizor.com/

MEDLINEplus® Health Information from the National Library of Medicine
http://www.nlm.nih.gov/medlineplus/

MedPix® – Free Open-Access Online Database of Medical Images
https://medpix.nlm.nih.gov/home

MedStartr.com - Healthcare Crowdfunding
http://medstartr.com/

Morbidity and Mortality Weekly Report
http://www.cdc.gov/mmwr/

nanoHUB - Computational Nanotechnology Research
https://nanohub.org/

National Cancer Institute Research Resources
http://resresources.nci.nih.gov/

National Guideline Clearinghouse (NGC) – Guidelines and Measures
http://www.guideline.gov/

National Network of Libraries of Medicine®

National Organization for Rare Disorders (NORD)
http://www.rarediseases.org/

Neurology, Neuroscience, and Neurosurgery Websites
http://www.ucl.ac.uk/ion/library/lib-info/neurology

Neurotransmitter - Biomedical Information in Neuroscience, Pharmacology and Psychology
http://www.neurotransmitter.net/
NLM Medical Text Indexer (MTI)

NSF Special Report: Understanding the Brain

Nursing Education Resource Guide
http://www.smartscholar.com/nursing-education-guide/

Nutrition.gov
http://www.nutrition.gov/

OECD Health Statistics 2022
http://www.oecd.org/els/health-systems/health-data.htm

OnlineLPNtoRN.org - Terrific Apps Every Nurse Should Be Using
http://www.OnlineLPNtoRN.org/

openFDA - Health Data Sets and Open-Source APIs
https://open.fda.gov/

openICPSR - Social and Behavioral Science Research Data
https://www.openicpsr.org/openicpsr/

OpenWater – New Generation of Imaging Technologies
https://www.openwater.cc/

Orphanet - The Portal for Rare Diseases and Orphan Drugs
http://www.orpha.net/

Overdose Death Rate - National Institute on Drug Abuse

Patient Innovation
https://patient-innovation.com/

PDRhealth - Consumer's Web Portal for Physicians' Desk Reference (PDR®)
http://pdrhealth.com/

PeerJ - Award Winning Biological, Medical, and Environmental Sciences Journal
https://peerj.com/

PLACES – Local Data for Better Health
https://www.cdc.gov/places/
PLOS: Pathogens
http://journals.plos.org/plospathogens/

PMC - Free Archive of Biomedical and Life Sciences Journal Literature

Project Ranks Billions of Drug Interactions

ProMED-Mail - Global Electronic Reporting System for Outbreaks of Emerging Infectious Diseases and Toxins
http://www.promedmail.org/

Protocol Exchange
https://www.nature.com/protocolexchange

Protocol Online - Your Lab's Reference Book
http://www.protocolonline.org/

Psych Web
http://www.psywww.com/

PubMed – Advanced Search

PubMed® Tutorial and Online Training

Quality Checklists for Medical Education Blogs and Podcasts

Recall Guide - Prescription Drug Alerts and Community Sharing
https://www.recallguide.org/

ResearchKit Framework - Medical Research Apps
https://github.com/ResearchKit

RXDangers - Drug and Safety News Alerts
http://www.rxdangers.com/

Scientific Protocols - Free and Easy Way To Share Scientific Protocols
https://protocols.scienceexchange.com/
Sickweather - Sickness Forecasting and Mapping
http://www.sickweather.com/

Sloan-Kettering - About Herbs, Botanicals & Other Products

Somatosphere
http://somatosphere.net

Sookasa - Protect Files Across Cloud Services and Mobile Devices
https://www.sookasa.com/

SpringerImages - Hard to Find Scientific Images
http://www.springerimages.com/

STAT!Ref® - TDS Health - Electronic Resources for Healthcare Professionals
https://www.tetondata.com/

Study Guide for the Systems of the Body
https://www.acls.net/study-guide-body-systems.htm

SuperBetter
https://www.superbetter.com

Super Searchers on Health and Medicine: Healthcare URLs
http://www.infotoday.com/supersearchers/ssmed.htm

Symplur Signals – The Social Media Analytics Platform for Healthcare
https://www.symplur.com/

Tallylab - Your Data Your Insights
https://tallylab.com/

Temporary Private Message
https://privatemessages.co/

The Area Deprivation Index (ADI)
https://www.neighborhoodatlas.medicine.wisc.edu/

The Blue Brain Project
http://bluebrain.epfl.ch
The Cell Image Library™
http://www.cellimagelibrary.org/

The Center for Brains, Minds and Machines at MIT
https://cbmm.mit.edu

The College of Physicians of Philadelphia Digital Library
http://www.cppdigitallibrary.org/

The Disease Map
http://disease-map.net/

The eSkeletons Project
http://www.eskeletons.org/

The Global Library of Women's Medicine (GLOWM)
http://www.glowm.com/

The Healing Directory – Directory of Alternative Medicine, Natural Healing and Holistic Health
http://www.alt-healthsearch.com/

The Health and Retirement Study
https://hrs isr.umich.edu/

The Kepler Project
https://kepler-project.org/

The Medical Futurist
https://medicalfuturist.com/

The Medical News - Latest Medical News and Research
http://www.news-medical.net/

The Merck Manual Home Health Handbook
http://www.merckmanuals.com/home/index.html

The Winnower - Open Access Online Scholarly Publishing Platform
https://thewinnower.com/

The World Health Organization
https://www.who.int/
TrueVault – HIPAA Compliant File Storage
http://www.TrueVault.com/

UK Biobank - Improving the Health of Future Generations
http://www.ukbiobank.ac.uk/

Understanding Health Research - A Tool for Making Sense of Health Studies
http://www.understandinghealthresearch.org/

United States County Health Ratings
http://www.countyhealthrankings.org/

Unmind – Mental Wellbeing Done Well
https://unmind.com/

UpToDate – Evidence-based Clinical Decision Support
http://www.uptodate.com/

U.S. Global Health Budget Tracker and Resources
http://kff.org/interactive/budget-tracker/landing/

U.S. Global Health Legislation Tracker

U.S. National Library of Medicine
http://www.nlm.nih.gov/

Virtual Library of Health & Medicine Crozer-Keystone Health System
https://www.crozerhealth.org/health-resources/

Visible Body - Comprehensive 3D Human Anatomy Over the Internet
http://www.visiblebody.com/

VR in Healthcare
http://luminousgroup.co.uk/news/vr-in-medical/

Webliography for Health Sciences Authors
http://www.istl.org/04-summer/internet.html

Wellcome Images - One of the World's Richest and Unique Image Collections
http://wellcomeimages.org/
Wellcome Library - Medical History to Present Day Medical Resources
http://wellcomelibrary.org/

WHO: World Health Statistics

WikiDoc - Medical Knowledge and Collaboration
https://www.wikidoc.org/index.php/Main_Page

Wiki Journal Club (WJC)
https://www.wikijournalclub.org/

World Health Statistics – The Global Health Observatory

Yale MeSH Analyzer
http://mesh.med.yale.edu/

7 Health Forums Online for 2022/23 Expert Support:

CrowdMed – Solve Medical Cases
https://www.crowdmed.com/

Doctors Lounge
http://www.DoctorsLounge.com/

DoctorSpring
http://www.doctorspring.com/ask-a-doctor-online

eHealth
http://ehealthforum.com/

Health24
http://www.health24.com/Experts

MD Talks
http://www.mdtalks.com/ask-a-doctor-free-online/

Realself
http://www.realself.com/ask-a-doctor
Awarenesswatch™ Spotters

Academic and Scholar Search Engines and Sources 2024 – December 2023 Edition
http://www.ScholarSearch Engines.com/
Click to access Scholar.pdf
Internet Annotated Link Dataset Compilation titled “Academic and Scholar Search Engines and Sources 2024” is now an 90-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 (892KB) at the above link from the Virtual Private Library™ and authored by Marcus P. Zillman, M.S., A.M.H.A. [Completely recreated with all links validated and new URLs added: December 1, 2023]. Other white papers are available by clicking here.

Updated> Prediction Markets 2024
[Download Prediction Markets 2024 White Paper Link Dataset Compilation]
Prediction Markets 2024 (PredictionMarkets.com) and Information Futures Markets (InformationFuturesMarkets.com) are Subject Tracer™ Information Blogs developed and created by the Virtual Private Library™. They are designed to monitor prediction and information futures markets on the World Wide Web and listed below. We always welcome suggestions of additional sites and resources to be added to this comprehensive listing and please submit by clicking here. This site has been developed and maintained by Marcus P. Zillman, M.S., A.M.H.A.; Internet expert, author, keynote speaker, and consultant. His latest white papers include 2023 Guide to Searching the Internet, Academic and Scholar Search Engines and Sources 2023, and Knowledge Discovery Resources 2023. All of his Subject Tracer™ Information Blogs and his white papers are available from WhitePapers.us. His latest monthly column is available by clicking here. Subscribe to his free monthly Awareness Watch™ Newsletter. Learn more by clicking here. Updated on December 2, 2023; 22 pages; 476KB PDF.

Deep Web Research and Discovery Resources 2024 – December 2023 Edition
I have just updated my white paper link dataset compilation and now titled Deep Web Research and Discovery Resources 2024 and it is now a 105-page PDF document (1,440 KB) 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 12,000,000+ times! [Updated on December 2, 2023]
Open Educational Resources (OER) Sources 2024 – December 2023 Edition
http://www.OERSources.com/
“Open Educational Resources (OER) Sources 2024 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 pursuing 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 2024, 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™. Completely updated including all links validated on December 4, 2023. [75 pages; 1131KB PDF]

New Normal Startup Resources 2024 – December 2023 Edition
http://www.NewNormalStartUpResources.com/
http://whitepapers.VirtualPrivateLibrary.net/New_Normal_Startup_Resources.pdf
The white paper link dataset compilation of the New Normal Startup Resources 2024 Subject Tracer™ Information Resource by Marcus P. Zillman, M.S., A.M.H.A. has just been updated on December 5, 2023 and is now a freely available 55-page PDF document (940KB) listing the latest and greatest online resources and sites for new normal startup resources! Other white papers are available by clicking here. This is a MUST publication for every business in today’s post COVID-19 world and more!

Open Source Intelligence (OSINT) Miniguide 2024 – December 2023 Edition
http://whitepapers.virtualprivatelibrary.net/OSINTminiguide.pdf
http://www.OSINTminiguide.com/
The above-updated miniguide by Internet Expert and Guru Marcus P. Zillman, M.S., A.M.H.A. will be released December 6, 2023 and covers competent resources and links for open source intelligence. This will be added to Deep Web Research and Discovery Resources 2024 on its December 2023 update. This also will be added to Business Intelligence Resources Subject Tracer; 38 pages; 639KB PDF.

Crowd Funding Resources 2024
http://whitepapers.virtualprivatelibrary.net/Crowd_Funding_Resources_2024.pdf
http://www.CrowdFundingResources.info/
The above white paper link dataset compilation of the Crowd Funding Resources 2024 Subject Tracer™ by Marcus P. Zillman, M.S., A.M.H.A. is a freely available 21-page PDF document (537KB) listing the latest and greatest online resources and sites for crowd funding! Updated: December 8, 2023. Other white papers are available by clicking here.
Augmented Data Discovery 2024
http://whitepapers.virtualprivatelibrary.net/Augmented_Data_Discovery.pdf
http://www.AugmentedDataDiscovery.com/

Augmented Data Discovery 2024 is an updated white paper dataset by Marcus P. Zillman, M.S., A.M.H.A. releasing resources and sites covering augmented data discovery available from the Internet. This is a very “hyped” area and these resources will help you to understand by giving you the basic knowledge needed 15-page PDF file (383KB). Updated on December 9, 2023. Visit all my 54 Subject Tracers™ by clicking here. Visit all my 2023 MiniGuides by clicking here. Power this with my Generative AI and the future begins!!

January 2024 Zillman Column: 2024 Link Guide to Open Educational Resources (OER)
http://www.ZillmanColumns.com/
The January 2024 Zillman Column featuring 2024 Link Guide to Open Educational Resources (OER) by Marcus P. Zillman, M.S., A.M.H.A.; Executive Director of the Virtual Private Library. This is a comprehensive listing of niched internet open educational resources, sites, and tools on the Internet and available in the new “zoom” education/learning/business/social age. These competent Internet OER resources as well as open metaverse, ChatGPT and Generative AI resources and tools will be your search engine for your Internet open education research. The below list of sources is partially taken from my 2024 Open Educational Resources (OER) Sources and is constantly updated with Subject Tracer™ bots at the following URL: http://www.OERSources.com/. These tools, resources, and sources will help you to discover the many pathways available to you through the Internet to find the latest Internet open educational resources and open metaverse, chatgpt and generative ai research resources, sources, and sites for shopping. This is another MUST have column to discover the latest 2024 competent niched online open education research resources and tools to give you the information you need in today’s ever-changing and fast-paced 2024 New Economy business and academic research world and the New Normal 2024.

Internet-of-Things (IOT) Resources 2024
http://www.Internet-of-Things.ws/
A resources listing of the Internet-of-Things (IoT) 2023. It is estimated within the next years that almost everything will be connected to the Internet (trillion upon trillion) and these are the resources and sites that will make this all possible. Visit this resource to see the real future of the Internet and the Internet-of-Things!! [16 pages; 482KB PDF] Completely updated on December 12, 2023.
I am extremely pleased to announce the December 2023 update of my 2023 MiniGuides & 2024 Publications including 46 2023 miniguides on a large range of exciting subjects and also additional many new 2024 publications. These are all freely available as PDF files and very easy to download. This has been created by Internet guru and expert Marcus P. Zillman who is the Executive Director of the Virtual Private Library and designed specifically for use on iPads, iPhone, Androids, Smart Phones, Netbooks/Chromebooks/Laptops and Desk Tops. Your complete library on the go and great for zoom learning and remote education, social and business needs all over the world! Updates to this are powered by Subject Tracer™ Information Bots (STIB).

Updated> 2023 Reference Miniguide
http://whitepapers.virtualprivatelibrary.net/2023referenceminiguide.pdf

The 2023 Reference Miniguide has just been updated and is now a 59-page freely available link compilation for a selected group of competent reference resources that are available over the Internet. These resources are designed to be your Reference Library and to give you the latest and greatest reference resources available on the Internet. This has been created by Internet guru and expert Marcus P. Zillman who is the Executive Director of the Virtual Private Library and designed specifically for use on iPads, iPhone, Androids, Smart Phones, and Netbooks/Chromebooks/Laptops. Your complete reference library on the go and great for remote education and business needs! Updates to this are powered by Subject Tracer™ Information Bots (STIB). This has been added to the tools section of Research Resources Subject Tracer™ Information Blog. Visit all my Subject Tracers. [Released on December 16, 2023; 59 pages; 785KB PDF]

Updated> 2023 Quality Information MiniGuide
http://whitepapers.virtualprivatelibrary.net/2023QualityInfominiguide.pdf
http://www.2023QualityInfoMiniGuide.com/

The 2023 Quality Information MiniGuide has just been updated and is now a 22-page freely available link compilation for a selected group of competent quality information resources that are available over the Internet. These resources are designed to be your Information Quality Library and to give you the latest and greatest quality information resources available on the Internet. This has been created by Internet guru and expert Marcus P. Zillman who is the Executive Director of the Virtual Private Library and designed specifically for use on iPads, iPhone, Androids, Smart Phones, and Netbooks/Chromebooks/Laptops. Your complete quality information library on the go and great for remote education and business needs! Updates to this are powered by Subject Tracer™ Information Bots (STIB). This has been added to the tools section of Research Resources Subject Tracer™ Information Blog. Visit all my Subject Tracers. [Updated on December 19, 2023; 22 pages; 500KB PDF]
Updated> 2023 eCommerce MiniGuide
http://whitepapers.virtualprivatelibrary.net/2023eCommerceminiguide.pdf
http://www.2023ecommerceminiguide.com/
The 2023 eCommerce MiniGuide has just been updated and is now a 31-page freely available link compilation for a selected group of competent eCommerce resources that are available over the Internet. These resources are designed to be your eCommerce Library and to give you the latest and greatest eCommerce resources available on the Internet. This has been created by Internet guru and expert Marcus P. Zillman who is the Executive Director of the Virtual Private Library and designed specifically for use on iPads, iPhone, Androids, Smart Phones, and Netbooks/Chromebooks/Laptops. Your complete eCommerce library on the go and great for remote education and business needs! Updates to this are powered by Subject Tracer™ Information Bots (STIB). This has been added to the tools section of Research Resources Subject Tracer™ Information Blog. Visit all my Subject Tracers. [Released on December 21, 2023; 31 pages; 597KB PDF]

2024 Directory of Directories
http://www.2024DirectoryOfDirectories.com/
The above is a white paper link dataset compilation of the 2024 Directory of Directories Subject Tracer™ Information Blog by Internet Expert Marcus P. Zillman, M.S., A.M.H.A. This 2024 Directory of Directories covers all the competent and well maintained directories available from the Internet and makes for an excellent alternative search resource! It is now a 33-page PDF document (585KB). [Created on December 23, 2023] Other white papers are available by clicking here.

Awarenesswatch™ Paper Review

Have your cake and feed it forward too: YouTube, oral cravings and the persistent question of media addiction by Steffen Krüger

Abstract:
Focusing on the case of recommendations on the video streaming platform YouTube, this article revisits questions of media addiction and addictive media that continue to trouble research in the field. Based on a close reading of Google/YouTube’s engineering papers, this paper argues that the platform’s recommender system — the machine learning system responsible for the personalisation and customisation of what videos users are offered — has been designed to function as a feeding tube and a precarious holding environment, thus corroborating widespread critiques about this system’s addictive — oral — strategies of user retention. Subsequently, this article discusses how the
platform’s more recent promise of “responsible recommendations” has so far been articulated in the engineering papers. Specifically, this promise has taken the form of a fetishist structure that endorses responsibility but not at the expense of the time users spend watching. This structure is best captured in the proverbial *Have your cake and eat it too.*

**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.co/

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/

BioTrechnology Resources
http://www.BiotechnologyResources.info/
Bot Research
http://www.BotResearch.info/

Intelligence Resources
http://www.BIOnlineResources.com/

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 Resources
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/

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/
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 miniguide, 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 (26,000+ Postings)
http://www.zillman.us/

Marcus P. Zillman Abbreviated Bio
http://www.zillman.info/

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/

listen to marcus™
http://www.ListenToMarcus.com

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

2024 Guide to Searching the Internet
http://www.SearchingTheInternet.info/

2024 New Economy Resources
http://www.2024NewEconomy.com/

2023 Directory of Directories

2023 MiniGuides Series by Marcus P. Zillman, M.S., A.M.H.A.
http://www.2023MiniGuides.com/

2022/2023 Guide to Finding Experts by Using the Internet
http://www.FindingExperts.info/

2022/2023 Guide to Finding People Resources and Sites
http://www.FindingPeople.info/

2022/2023 Guide to Internet Privacy Resources and Tools
http://www.2022InternetPrivacy.com/

Academic and Scholar Search Engines and Sources 2024
http://www.ScholarSearchEngines.com/

Bots, Blogs and News Aggregators 2024
http://www.BotsBlogs.com/
Business Intelligence Online Resources 2022/2023
http://www.BIOnlineResources.com/

Cloud Computing Resources Primer 2024
http://www.zillman.us/white-papers/grid-distributed-and-cloud-computing-resources-primer/

Current Awareness Tools 2024

Deep Web Research and Discovery Resources 2024 Online White Paper
http://DeepWeb.us/

eMarketing MiniGuide 2024
http://www.eMarketingMiniGuide.com/

eReference Library Link Toolkit 2022/2023
http://www.eReferenceLibrary.com/

Fact Check Resources Miniguide 2024
http://www.FactCheckMiniguide.com/

Finding Experts By Using the Internet 2022/2023
http://www.FindingExperts.info/

Finding People Resources and Sites 2022/2023
http://www.FindingPeople.info/

Generative AI Resources 2024
http://www.GenerativeAIResources.com/

Healthcare Bots and Subject Directories 2022/2023
http://www.HealthcareBots.info/

Knowledge Discovery Resources 2024
http://www.KDResources.info/

Mastodon Resources 2024
http://www.MastodonResources.com/

New Economy Resources 2024
http://www.NewEconomyResources.com/
New Normal Startup Resources 2024
http://www.NewNormalStartupResources.com/

Online Research Browsers and Data Visualization Tools 2023
http://www.zillman.us/white-papers/online-research-browsers/

Online Research Tools 2023
http://www.OnlineResearchTools.info/

Online Social Networking 2022/2023
http://www.OnlineSocialNetworking.info/

Open Educational Resources (OER) Sources 2024
http://www.OERSources.com/

Open MetaVerse Resources 2024
http://www.OpenMetaVerse.us/

Source Intelligence Miniguide 2024
http://www.OSINTminiguide.com/

Searching the Internet 2024
http://www.SearchingTheInternet.info/

Social Informatics 2022/2023
http://www.SocialInformatics.net/

Subject Tracers 2022/2023
http://www.SubjectTracers.com/

Using the Internet As a Dynamic Resource Tool for Knowledge Discovery 2023

Web Data Extractors 2024
http://www.WebDataExtractors.com/

Web Guide for the New Economy 2024

White Papers 2022/2023 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/
Marcus P. Zillman’s latest reports Current Awareness Monitors, Alerts and Information Traps and Current Awareness Tools 2020 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
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.**


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.