

Awareness Watch™ Newsletter

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

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

V15N9

September 2017

Welcome to the V15N9 September 2017 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 **Biological Informatics 2018** and represents the latest World Wide Web resources for discovering new knowledge and understanding the latest happenings with regards to the biological informatics. The world is rapidly changing as transparency, big data and the ability to access data from new and now accessible databases becomes a reality both in the web and the deep web! This area is one of the fastest growing and expanding areas on the Internet! These resources are constantly updated by Subject Tracer™ Information Bots and the latest resources for biological informatics are available from the following URL:

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

These resources will help you to discover the many pathways available to you through the Internet to find the latest biological informatics reference resources, sources and sites and to actively participate in these rapidly expanding biological happenings and events!



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

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Biological Informatics 2018 in the following sections:

BIOLOGICAL INFORMATICS

HEALTH INFORMATICS (Medical Informatics)

NEUROINFORMATICS (NI)

BIODIVERSITY INFORMATICS (BDI)

BIOMOLECULAR INFORMATICS (BioInformatics)

Current Subject Tracer™ Information Blogs

Biological Informatics:

1000 Genomes Project

<http://www.1000genomes.org/>

About Bioscience

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

Academic and Scholar Search Engines and Sources

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

A Genetic Atlas of Human Admixture History

<http://admixturemap.paintmychromosomes.com/>

Agriculture and Biology Journal of North America (ABJNA)

<http://scihub.org/ABJNA/index.html>

BeeSpace - An Environment for Analyzing Nature and Nurture in Societal Roles

<http://www.beespace.illinois.edu/>

BEN

<http://www.bioscienet.org/portal>

Bento Lab - Experience Genetics Everywhere

<https://www.bento.bio/>

bioCURIous

<http://biocurious.org/>

BioEd Online - Biology Teacher Resources from Baylor College of Medicine

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



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BioethicsWeb [Intute Closed in July 2011]

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

Biohealthmatics.com - The Biomedical Informatics Career Portal

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

Bioinformatics Journal

<http://bioinformatics.oxfordjournals.org/>

Bioinformatics Organization

<http://bioinformatics.org/>

Bioinformation

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

Bioline International

<http://www.bioline.org.br/>

Biological and Chemical Terrorism Information for Healthcare Professionals

<http://www.istl.org/04-winter/internet.html>

Biological Journals and Abbreviations

<http://home.ncifcrf.gov/research/bja/>

Biology and Medicine

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

Biology News Net

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

Biomat.net - The Biomaterials Network

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

Biomechanics and Modeling in Mechanobiology

<http://www.springer.com/materials/mechanics/journal/10237>

Biomedical Digital Libraries [Open Access – Archives Available]

<http://www.bio-diglib.com/>

BioNews

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

bioRxiv - The Preprint Server for Biology

<http://biorxiv.org/>



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BIOS - Biological Innovation for Open Society

<http://www.bios.net/daisy/bios/home.html>

Biosharing

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

BioText Search Engine

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

Briefings in Bioinformatics

<http://bib.oxfordjournals.org/>

caBIG™ - cancer Biomedical Informatics Grid

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

Centre for Agricultural Bioscience International (CABI)

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

ChemIDplus Database

<http://sis.nlm.nih.gov/chemical.html>

ChemSpider

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

Cytoscape - Open Source Bioinformatics Platform for Network Analysis and Visualization

<http://cytoscape.org/>

DNA Barcoding 101

<http://www.dnabarcoding101.org/>

DNA From the Beginning

<http://dnaftb.org/>

eBiostatistics.com - Comprehensive, Open Access, Web Based Biostatistical Package

<http://www.draptis.com/ebiostat/>

eHealthcareBot Search Engine

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

ePosters.net: The Online Journal of Scientific Posters

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



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European Bioinformatics Institute (EBI)

<http://www.ebi.ac.uk/about>

Frontiers in BioScience

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

Gene Ontology™ (GO) Consortium

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

Genes

<http://www.mdpi.com/journal/genes>

Genetics and Genomics From the U.S. Library of Medicine

http://www.nlm.nih.gov/services/Subject_Guides/geneticsandgenomics/

Genetic Engineering and Biotechnology Journal (GEBJ) [Publication Discontinued 2011]

<http://astonjournals.com/gebj.html>

Genome Gateway [Publication Discontinued July 2011]

<http://www.nature.com/omics/index.html>

Genomic Medicine

<http://www.springer.com/biomed/journal/11568>

Genomics Glossaries & Taxonomies

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

GoPubMed.org - Life-Science Search Engine

<http://www.gopubmed.org/web/gopubmed/>

GVSS - Grid Virtual Screening Service

<http://gvss2.twgrid.org/>

Human Genome Project Education Resources

http://web.ornl.gov/sci/techresources/Human_Genome/education/index.shtml

InfoBionics - Flexible Data Mining Applications

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

InsightMedi - The Global Photo-sharing Network for Healthcare Professionals

<http://www.insightmedi.com>



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International Cancer Genome Consortium (ICGC)

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

International Journal of Agricultural and Biological Engineering (IJABE)

<http://www.ijabe.org/index.php/ijabe>

International Journal Bioautomation

<http://www.clbme.bas.bg/bioautomation/>

International Journal of Bioinformatics Research and Applications (IJBRA)

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

International Journal of Biological Sciences and Technology (IJBLST)

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

International Journal of Biomedical Science (IJBS)

<http://www.ijbs.org/HomePage.aspx>

International Journal of Healthcare Information Systems and Informatics (IJHISI)

<http://www.igi-global.com/journal/international-journal-healthcare-information-systems/1094>

isainfrastructure - Investigation/Study/Assay

<http://isa-tools.org/>

Journal of Biomedical Sciences and Research (JBSR) [Archives available till 2011 issue]

<http://www.jbsr.pharmainfo.in/>

Journal of Biomedical Semantics

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

Journal of Biomedicine and Biotechnology [now called BioMed Research International]

<http://www.hindawi.com/journals/bmri/>

Journal of Visualized Experiments (JoVE) - Biological Research in a Video Format

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

LabGuru - Research Management Resource

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

LeadDiscovery - Dedicated to Drug Discovery

<http://www.leaddiscovery.co.uk/>



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Map of Life - Integrating Species Distribution Knowledge

<http://beta.map-of-life.appspot.com/>

mBio

<http://mbio.asm.org/>

MEDIE - Intelligent Search Engine for Biomedical Correlations

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

nanoHUB - Simulation, Education and Community for Nanotechnology

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

Nature RSS Newsfeeds

<http://www.nature.com/webfeeds/index.html>

NLM Medical Text Indexer (MTI)

<http://ii.nlm.nih.gov/MTI/index.shtml>

NuGO Bioethics Guidelines Tool

<http://nugo.dife.de/bot/index.php>

Open Biological and Biomedical Ontologies (OBO)

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

Open-i Project - An Open Access Biomedical Image Search Engine

<http://openi.nlm.nih.gov/>

Open Tissue Wiki

http://www.opentissue.org/mediawiki/index.php/Main_Page

OReFiL: Online Resource Finder for Lifesciences

<http://orefil.dbcls.jp/en/search/top>

Peptides Guide

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

Personal Genome Project (PGP)

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

PhysioBank

<http://www.physionet.org/physiobank/>

PhysioNet - Research Resource for Complex Physiologic Signals

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



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Plant Products Research Journal

<http://www.ajol.info/index.php/pprj>

Project Ranks Billions of Drug Interactions

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

<http://www.bespacific.com/project-ranks-billions-of-drug-interactions/>

Protocol Online - Your Lab's Reference Book

<http://www.protocol-online.org/>

Pubget - Search Across BioMedicine PDFs

<http://pubget.com/>

Public Data Sets on AWS

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

R&D Chemicals - Chemical Compounds Database

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

Reflect: Automated Annotation of Scientific Terms of Proteins and Small Molecules

<http://reflect.ws/>

ResearchGATE - Professional Network for Scientists

<https://www.researchgate.net/>

Resource Informagen™ - Biotech Company Directories

<http://informagen.com/Directories/Biotech.php>

Resources for Bioinformatics

<http://guides.lib.udel.edu/content.php?pid=163662>

RNAMiner - A Bioinformatics Protocol for Mining Large RNA-Seq Transcriptomics Data

<http://calla.rnet.missouri.edu/rnaminer/>

Scientist Solutions - International Life Science Community

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

Scitable - A Collaborative Learning Space for Life Sciences

<http://www.nature.com/scitable>

ScratchPads - Research Community Working On the Web

<http://www.editwebrevisions.info/scratchpads>



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SHIRAZ Project

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

South African National Bioinformatics Institute

<http://www.sanbi.ac.za/>

The Biology Project

<http://www.biology.arizona.edu/>

The Cell Image Library™

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

The Microbiology Information Portal

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

The National Human Genome Research Institute: Fact Sheets

<http://www.genome.gov/10000202>

The TAMBIS Project

<http://www.cs.man.ac.uk/~stevensr/tambis/>

Transcriptic - Let Their Robots Do Your Life Science

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

uBio - Indexing and Organizing 11,106,374 Biological Names

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

VADLO - BioMedical and Life Sciences Search Engine

<http://vadlo.com/>

Visual Medical Dictionary

<http://www.curehunter.com/public/dictionary.do>

HEALTH INFORMATICS: (Medical Informatics)

American Medical Informatics Association (AMIA)

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

Authoratory - Database of Leading PubMed Scientists

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



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Biomedical Digital Libraries [No longer being Published; Archives Available]
<http://www.bio-diglib.com/>

Biomedical Informatics Research Network
<http://www.birncommunity.org/>

Biomedical Research Web Directory
<http://www.biores.org/>

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

**DIRECT2Experts - Distributed Interoperable Biomedical Research Experts
Collaboration Tool**
<http://direct2experts.org/>

EAGLE-I - Search Top Categories From 100,800 Biomedical Resources
<https://www.eagle-i.net/>

Electronic Journal of Health Informatics (eJHI)
<http://ejhi.net/ojs/index.php/ejhi>

Encyclopedia of Biomaterials and Biomedical Engineering
<http://www.tandfonline.com/doi/book/10.1081/E-EBBE>

Framingham SNP Health Association Resource (SHARe)
http://www.ncbi.nlm.nih.gov/projects/gap/cgi-bin/study.cgi?study_id=phs000007.v20.p8

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

International Journal of Biomedical Sciences (IJBS)
<http://www.ijbs.org/>

International Journal of Medical Microbiology
<http://www.sciencedirect.com/science/journal/14384221>

JMIR : Journal of Medical Internet Research
<http://www.jmir.org/>

Journal of Medicine and Biomedical Research
<http://www.bioline.org.br/jm>



MedBioWorld [Medical and Bioscience Directory Mainly in German, Some English]
<http://www.sciencekomm.at/>

OpenClinica - Clinical Research Studies Software
<https://community.openclinica.com/>

Open Directory - Health: Medicine: Informatics
<http://www.dmoz.org/Health/Medicine/Informatics/>

openEHR [Domain-driven platform for e-Health Systems]
<http://www.openehr.org/>

RIKEN Center for Genomic Medicine
<http://www.src.riken.jp/english/>

Search Medical Algorithms
<http://www.medal.org/>

NEUROINFORMATICS: (NI)

Institute of Neuroinformatics
<http://www.ini.unizh.ch/>

International Neuroinformatics Coordinating Facility (INCF)
<http://www.incf.org/>

National Ecological Observatory Network (NEON)
<http://www.neoninc.org/>

NIH Guide: The Human Brain Project (Neuroinformatics): Phase I - Feasibility; Phase II - Refinements, Maintenance and Integration
<http://grants1.nih.gov/grants/guide/pa-files/PAR-03-035.html>

SenseLab
<http://senselab.med.yale.edu/>

BIODIVERSITY INFORMATICS: (BDI)

Biodiversity Informatics Peer Reviewed Open Access Journal
<https://journals.ku.edu/index.php/jbi>



Chemistry & Biodiversity

<http://onlinelibrary.wiley.com/journal/10.1002/%28ISSN%291612-1880>

Global Biodiversity Information Facility

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

GRAIN - Agricultural Biodiversity

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

Open Directory - Science: Environment: Biodiversity: Informatics

<http://www.dmoz.org/Science/Environment/Biodiversity/Informatics/>

Overview of Biodiversity Informatics

<http://research.calacademy.org/>

Systematics and Biodiversity

<http://journals.cambridge.org/action/displayJournal?jid=SYS>

BIOMOLECULAR INFORMATICS: (BioInformatics)

AANT : Amino Acid-Nucleotide Interaction Database

<http://aant.icmb.utexas.edu/>

ActionBioscience.org

<http://www.actionbioscience.org/index.html>

AddGene - Better Way to Share Plasmids

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

Advances in Bioinformatics

<http://www.hindawi.com/journals/abi/>

Algorithms for Molecular Biology

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

American Journal of Medical Genetics Part B: Neuropsychiatric Genetics

<http://onlinelibrary.wiley.com/journal/10.1002/%28ISSN%291552-485X>

Ares Lab Yeast Intron Database

http://compbio.soe.ucsc.edu/yeast_introns.html



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ASC: Active Sequence Collection

<http://bioinformatica.isa.cnr.it/ASC/>

BELIT - Bioethics Literature Database

http://www.drze.de/belit-1/search-2/quick-search/recherche.html?set_language=en

BioBank

<http://biobank.org/>

Biocompare - Buyer's Guide for Life Scientists

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

Bioenergy Research

<http://www.biopress.dk/>

BioForge - Community for Biological Innovation

<http://www.cambia.org/daisy/cambia/4272>

BioGRID

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

Bioinformatics and Biology Insights

<http://www.la-press.com/bioinformatics-and-biology-insights-journal-j39>

Bioinformatics

<http://informagen.com/Bioinformatics.php>

Bioinformatics.Net

<http://www.technologynetworks.com/Informatics/>

BioInformatics.org

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

BioInformatics Links

<http://www.ii.uib.no/~inge/list.html>

Bioinformatics Online (EBO)

<http://www.la-press.com/evolutionary-bioinformatics-journal-j17>

BioInformatics Tools

http://web.ornl.gov/sci/techresources/Human_Genome/index.shtml

<http://www.ncbi.nlm.nih.gov/guide/all/#tools>



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Bioinformatics - UCSC Science & Engineering Library Subject Guides

<http://guides.library.ucsc.edu/biologymcd>

Bioinformatic Workflow Builder Interface

<https://www.ibm.com/developerworks/community/groups/service/html/communityview?communityUuid=18d10b14-e2c8-4780-bace-9af1fc463cc0>

Bioinformation

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

Biointerphases: An Open Access Journal for the Biomaterials Interface Community

<http://biointerphases.org/>

Biological Theory: Integrating Development, Evolution, and Cognition

<http://mitpressjournals.org/biot>

Biology Direct

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

Biomacromolecules

<http://pubs.acs.org/journal/bomaf6>

Bio Mapping

<http://biomapping.net/>

Biomarker Insights

<http://www.la-press.com/biomarker-insights-journal-j4>

BioMed Central

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

Biometric Technology Today

<http://www.sciencedirect.com/science/journal/09694765>

BioMolecular Engineering Research Institute (BMERC)

<http://www.bu.edu/bmerc/>

BioNanomatrix, Inc (BNM)

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

BIONLP.ORG - Natural Language Processing of Biology Text

<http://www.ccs.neu.edu/home/futrelle/bionlp/>



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BioRuby [Open source bioinformatics library for Ruby]

<http://bioruby.org/>

Biotechnology Journal (BTJ)

<http://onlinelibrary.wiley.com/journal/10.1002/%28ISSN%291860-7314>

Biotechnology Resources

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

BLAST UTR db: Untranslated Regions Database

<http://www.ba.itb.cnr.it/BIG/Blast/BlastUTR.html>

Briefings in Functional Genomics and Proteomics

<http://bfg.oxfordjournals.org/>

BSML - Bioinformatics Sequence Markup Language

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

Cambridge Crystallographic Data Centre

<http://www.ccdc.cam.ac.uk/>

CAMERA (Community Cyberinfrastructure for Advanced Microbial Ecology Research and Analysis)

<http://camera.calit2.net/>

Cancer Genome Atlas

<http://cancergenome.nih.gov/>

Cancer Genomics Publications Data Sets

<http://www.broadinstitute.org/cgi-bin/cancer/datasets.cgi>

Cell Biochemistry and Biophysics (CBB)

<http://www.springer.com/life+sciences/biochemistry+%26+biophysics/journal/12013>

Cell Division

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

Centre for Molecular and Biomolecular Informatics

<http://www2.cmbi.ru.nl/>

Chemical Biology & Drug Design

<http://onlinelibrary.wiley.com/journal/10.1111/%28ISSN%291747-0285>



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Complete Genomics (CGI)
<http://completegenomics.com/>

Computational Biology and Chemistry
<http://www.sciencedirect.com/science/journal/14769271>

Connectivity Map - Connecting Diseases, Genes and Drugs
http://www.broadinstitute.org/genome_bio/connectivitymap.html

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

CSH Protocols
<http://cshprotocols.cshlp.org/>

CUTG : Codon Usage Tabulated from GenBank
<http://www.kazusa.or.jp/codon>

Data Mining Resources
<http://www.DataMiningResources.info/>

dbGaP - Database of Genotype and Phenotype
<http://www.ncbi.nlm.nih.gov/gap>

Discover8 - Life Sciences News, Discoveries, Hypotheses and Procedures
[Last updated 4 years ago]
<http://www.discover8.com/>

DNA Research
<http://dnaresearch.oxfordjournals.org/>

DrugBank Database
<http://www.drugbank.ca/>

EBI and Ghent University Launch PRIDE: An Open Source Database Of Protein Identifications
http://www.innovations-report.com/html/reports/life_sciences/report-48290.html

EdX: The Extremes of Life: Microbes and their Diversity
<https://www.edx.org/course/extremes-life-microbes-diversity-kyotoux-003x-0>

eLabFTW - Free and Open Source Electronic Lab Notebook
<https://www.elabftw.net/>



EMBL SMART : Simple Modular Architecture Research Tool (for Proteins)

<http://smart.embl.de/>

Encyclopedia of DNA Elements (ENCODE)

<http://www.encodeproject.org/ENCODE/>

Encyclopedia of Medical Genomics and Proteomics

<http://www.tandfonline.com/doi/book/10.1081/E-EMGP>

Entrez - The Life Sciences Cross-Database Search Engine

<http://www.ncbi.nlm.nih.gov/gquery/gquery.fcgi>

Environmental Bioindicators

<http://www.tandfonline.com/toc/uebi20/current>

European Bioinformatics Institute

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

European Bioinformatics Institute: Research Groups

<http://www.ebi.ac.uk/research>

Bioinformatics Online (EBO)

<http://www.la-press.com/evolutionary-bioinformatics-journal-j17>

Evolutionary Intelligence

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

Functional Glycomics Gateway

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

Genamics SoftwareSeek

<http://genamics.com/software/>

GeneEd: Genetics, Education, Discovery

<http://geneed.nlm.nih.gov/index.php>

Genetic Science Learning Center

<http://gslc.genetics.utah.edu/>

Genographic Project

<https://genographic.nationalgeographic.com/>



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Genome Bioinformatics - UCSC

<http://genome.ucsc.edu/>

Genome Biology and Evolution

<http://gbe.oxfordjournals.org/>

Genome Browsers

<http://zillman.blogspot.com/2004/03/genome-browsers.html>

Genome-Tools

http://freecode.com/projects/genome-tools?branch_id=46085&release_id=183048

Genomics, Proteomics & Bioinformatics

<http://www.sciencedirect.com/science/journal/16720229>

GenScript - Your One Stop Wet Lab for Biology

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

Go3R - Knowledge Based Semantic Search Engine To Avoid Animal Experiments

<http://www.go3r.org/>

GoPubMed - Ontology-based Literature Search

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

Guide to Selected Bioinformatics Internet Resources

<http://www.istl.org/02-winter/internet.html>

GUS - The Genomics Unified Schema [Site Last Updated 2005]

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

HapMap Project - Identify and Catalog Genetic Similarities and Differences in Human Beings

<http://hapmap.ncbi.nlm.nih.gov/>

H-Invitational Database (H-Inv DB)

<http://www.h-invitational.jp/>

HS3D - Homo Sapiens Splice Sites Dataset

<http://www.sci.unisannio.it/docenti/rampone>

Immunome Research

<http://www.immunome-research.com/>



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International Journal of Data Mining and Bioinformatics (IJDMB)

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

International Journal of Human Genetics

<http://www.krepublishers.com/02-Journals/IJHG/IJHG-00-0-000-000-2001-Web/IJHG-00-0-000-000-2001-1-Cover.htm>

Internet Resources for Bioinformatics

<http://guides.lib.udel.edu/content.php?pid=163662>

Invertebrate Biology

<http://onlinelibrary.wiley.com/journal/10.1111/%28ISSN%291744-7410>

Journal of Biological Chemistry

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

Journal of Biomaterials Science, Polymer Edition

<http://www.ingentaconnect.com/content/tandf/bsp>

Journal of Cell and Molecular Biology

<http://jcmb.halic.edu.tr/>

Journal of Genetics

<http://www.ias.ac.in/jgenet/>

Journal of Molecular Histology

<http://link.springer.com/journal/10735>

Journal of Molecular Signaling

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

Journal of Pharmacy and Bioresources (JPB)

<http://www.ajol.info/index.php/jpb>

Journal of Proteomics & Bioinformatics (JPB)

<http://www.omicsonline.org/jpbhome.php>

Journal of Proteome Research

<http://pubs.acs.org/journal/jprobs>

Kaggle - Data Mining, Forecasting and Bioinformatics Competitions

<http://kaggle.com/>



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KEGG: Kyoto Encyclopedia of Genes and Genomes

<http://www.genome.jp/kegg/>

Lawrence Berkeley National Laboratory: VISTA

<http://genome.lbl.gov/vista/index.shtml>

Macromolecular Bioscience

<http://onlinelibrary.wiley.com/journal/10.1002/%28ISSN%291616-5195>

MethDB : DNA Methylation Database

<http://www.methdb.de/>

Microbial Genome Sequencing Program

<http://www.nsf.gov/pubs/2008/nsf08511/nsf08511.htm>

Microbiology [Particular coverage for Russian microbiology-related developments]

<http://link.springer.com/journal/11021>

Microsoft Biology Tools (MBT)

<http://research.microsoft.com/en-US/projects/bio/mbt.aspx#MSR-Biology-Ext>

MIX - Meta-analysis with Interactive eXplanations in Excel

<http://www.meta-analysis-made-easy.com/>

Molecular and Cellular Proteomics (MCP)

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

Molecular Biology Database Collection : 2004 Update [Nucleic Acids Research]

http://nar.oxfordjournals.org/content/suppl/2004/01/27/32.suppl_1.D3.DC1

Molecular BioSystems

<http://pubs.rsc.org/en/journals/journalissues/mb#!recentarticles&all>

Molecular Cytogenetics

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

Molecular Genetics, Microbiology and Virology

<http://link.springer.com/journal/11965>

Molecular Informatics Resource for the Analysis of Gene Expression (MIRAGE)

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

Molecular Plant-Microbe Interactions (MPMI)

<http://www.apsnet.org/publications/mpmi/Pages/default.aspx>



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National Center for BioTechnology Information (NCBI)

<http://www.ncbi.nlm.nih.gov/>

Nature Methods

<http://www.nature.com/nmeth/index.html>

Neurochemical Journal

<http://link.springer.com/journal/11710>

Neuron Glia Biology

<http://journals.cambridge.org/action/displayJournal?jid=NGB>

Neurotransmitter - Biomedical Information in Neuroscience, Pharmacology and Psychology

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

NHGRI Statute and Legislation Database

<http://www.genome.gov/PolicyEthics/LegDatabase/pubsearch.cfm>

NodalPoint.org - Science Podcast [Last Updated 2011]

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

Oligonucleotides – now known as Nucleic Acid Therapeutics

<http://online.liebertpub.com/loi/oli>

OMIM - Online Mendelian Inheritance in Man

<http://www.ncbi.nlm.nih.gov/omim>

OpenClinica: Professional Open Source Solutions for the Clinical Research Enterprise

<https://community.openclinica.com/>

Pathway Studio Biology Information Solution

<http://www.elsevier.com/online-tools/pathway-studio/biological-database>

PharmGKB: The Pharmacogenetics and Pharmacogenomics Knowledge Base

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

PhenX Toolkit

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

Pleiades Promoter Project

<http://www.pleiades.org/index.php>



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PLOS: Pathogens

<http://journals.plos.org/plospathogens/>

PPAR Research

<http://www.hindawi.com/journals/ppar/>

Project Ensembl

<http://asia.ensembl.org>

ProteinDBS

<http://proteindbs.rnet.missouri.edu/>

Protein Journal

<http://link.springer.com/journal/10930>

ProteinScience.com - The Proteomics Portal™

<http://www.proteinscience.com/index.htm>

Proteomics

<http://onlinelibrary.wiley.com/journal/10.1002/%28ISSN%291615-9861>

PROWL [Mass Spectrometry of Biological Macromolecules]

<http://prowl.rockefeller.edu>

PSI-Nature Structural Biology Knowledgebase (PSI SBKB)

<http://sbkb.org/>

RECAP – Informing Key Biopharmaceutical Decisions

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

RECODE : Database of Translational Recoding Events

<http://recode.genetics.utah.edu/>

Registry of Standard Biological Parts

http://parts.igem.org/Main_Page

Russian Journal of Genetics

<http://link.springer.com/journal/11177>

Scalable Molecular Dynamics (NAMD)

<http://www.ks.uiuc.edu/Research/namd/>

SciCasts

<http://scicasts.com/>



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SIGMA: Large Scale Machine Learning Toolkit
<http://research.microsoft.com/en-us/projects/sigma/>

Silencing Genomes
<http://www.silencinggenomes.org/>

S/MARt DB
<http://smartdb.bioinf.med.uni-goettingen.de/>

Source Code for Biology and Medicine
<http://www.scfbm.org/>

STRBase : Short Tandem Repeat DNA Internet Database
<http://www.cstl.nist.gov/div831/strbase>

StructuralBiology KnowledgeBase
<http://sbkb.org/>

Synapse
<http://onlinelibrary.wiley.com/journal/10.1002/%28ISSN%291098-2396>

Talking Glossary of Genetic Terms
<http://www.genome.gov/glossary/>

Textpresso
<http://www.textpresso.org/>

The CIPRES Science Gateway V. 3.3
<https://www.phylo.org/>

The Genetic Codes
<http://www.ncbi.nlm.nih.gov/Taxonomy/Utils/wprintgc.cgi?mode=c>

The PubChem Project
<http://pubchem.ncbi.nlm.nih.gov/>

The TAMBIS Project
<http://www.cs.man.ac.uk/~stevensr/tambis/>

The Wellcome Trust Sanger Institute
<http://www.sanger.ac.uk/>

Thomson Reuters RECAP - Informing Key Biopharmaceutical Decisions
<http://www.recap.com/>



ToPNet (Protein Topology Calculation Software)

<http://networks.gersteinlab.org/>

Transinsight - Intelligent Search Technologies for the Life Sciences

<http://transinsight.com/?lang=en>

Translational OncoGenomics

<http://www.la-press.com/translational-oncogenomics-journal-j19>

Transmembrane Structure Prediction Servers

<http://split.pmfst.hr/split/4/others.html>

TranspoGene Server

<http://transpogene.tau.ac.il/>

Tree of Life Web Project (ToL)

<http://tolweb.org/tree/>

Triplos Discovery Informatics

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

Tsinghua University-Institute of Bioinformatics: DBSubLoc

<http://www.bioinfo.tsinghua.edu.cn/~guotao/intro.html>

UCLA Bioinformatics Program

<http://www.bioinformatics.ucla.edu/>

UCSC Genome Bioinformatics

<http://hgwdev-hiram.cse.ucsc.edu/index.html>

VADLO - Life Sciences Search Engine

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

Visual Complexity

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

YSearch - Public Y-DNA Database

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

ZBIT Bioinformatics Toolbox: A Web-Platform for Systems Biology and Expression Data Analysis

<http://journals.plos.org/plosone/article?id=10.1371%2Fjournal.pone.0149263>



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Awareness Watch™ Spotters

Updated> Deep Web Research and Discovery Resources 2017

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

I have just updated my white paper link dataset compilation and now titled **Deep Web Research and Discovery Resources 2017** and it is now a 52 page 366KB PDF document available directly from the above URL. This update verified all links as well as reviewed all resources covered. Currently this has been downloaded over 5,000,000+ times!

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 (525KB) at the above link from the [Virtual Private Library™](#) and authored by [Marcus P. Zillman, M.S., A.M.H.A.](#) [Updated with all links validated and new URLs added: August 1, 2017]. Other white papers are available by clicking [here](#).

Updated> Student Research Resources 2017

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

The above is the associated white paper link dataset compilation for [Student Research Resources 2017](#) Subject Tracer™ by [Marcus P. Zillman, M.S., A.M.H.A.](#) . It is a freely available 42 page .pdf (324KB)) document covering all areas for student research available over the Internet! [Updated August 1, 2017] Other white papers are available by clicking [here](#).

Today I Found Out - Feed Your Brain

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

TodayIFoundOut.com was founded on January 1, 2010, based on the idea that it is always good to learn something new every day. It was originally inspired by the wonderful sub-reddit "Today I Learned", which is one of our favorite subscriptions on reddit. There also seemed a decided lack of "interesting fact" style websites out there where the facts presented were well researched. From our experience, most such websites have just as many myths or misleading information presented as facts as they do actual facts. Today I Found Out's goal is to raise the bar on that significantly, providing a site where you know everything on it has been highly researched by amazingly well credentialed authors. Nobody bats a thousand, of course; we've personally encountered numerous errors in some of the best, and most accurate sources for information, such as the OED, Encyclopedia Britannica, Snopes, the Oxford Dictionary of Quotations, the QI books (and show), Uncle John's Bathroom Reader, The Straight Dope, Mental Floss, Neatorama, the Barnhart Concise Dictionary of Etymology, etc. etc. Again, nobody bats a



thousand, but like these aforementioned institutions, we try exceptionally hard to make sure everything posted here is perfectly accurate given the current state of human knowledge when the article was published. As such, TodayIFoundOut.com features near daily “interesting fact” articles from various, extremely well credentialed authors. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Updated> Artificial Intelligence Resources 2017 White Paper Link Dataset Compilation

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

The white paper link dataset compilation of the [Artificial Intelligence Resources 2017](#) Subject Tracer™ Information Blog by [Marcus P. Zillman, M.S., A.M.H.A.](#) is a freely available 28 page .pdf document (256KB) listing the latest and greatest online resources and sites for artificial intelligence! **Completely updated including all links validated and new URLs added on August 2, 2017.** Other white papers are available by clicking [here](#).

Sqoop for Journalists

<https://sqoop.com/>

Sqoop saves you time and makes sure you don't miss the story by giving you one place to search for company information, rather than spending hours each week conducting the same repetitive searches on a variety of public data sites. Use their powerful search interface and filters to find documents and explore industries, companies, and officers. Subscribe to searches to receive email alerts when new matching documents are published. Sqoop continuously collects and indexes documents from the following U.S. government and exclusive sources a) SEC Filings; b) Patents; c) Federal Courts; and d) Business Stories. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™.

Textise - Text Only Search Engine

<https://www.textise.net/>

Textise is a new way of looking at the Web. It's an Internet tool that removes everything from a web page except for its text.

In practice, this means that images, forms, scripts, pretty fonts, they all go, leaving plain text. What's really cool, though, is that links are retained, although these are no ordinary links: click one and you're transported to another text-only page, and that page leads to another, and another, and another... You stay in Textise's world until you click the “Back To Original Page” link. Because forms are removed by Textise, you might think that searching isn't possible. Well, think again – the Textise home page allows you to search using a variety of popular search engines (Bing, Google and Yahoo) and display the results in a text-only format. Plus, Textise can optionally display a search box on some sites (BBC, Metacritic, YouTube and many others – see this blog post for the full list).

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

Updated> Information Quality Resources 2017 White Paper Link Dataset Compilation

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

The above is the associated white paper link dataset compilation of the [Information Quality Resources 2017](#) Subject Tracer™ Information Blog by [Marcus P. Zillman, M.S., A.M.H.A.](#). It is a freely available 17 page .pdf document (183KB) listing the latest and greatest online resources and sites for quality information resources! **Completed updated including all link validation and new links added on August 3, 2017.** Other white papers are available by clicking [here](#).

Amazon AI - Bringing Powerful Artificial Intelligence To All Developers

<https://aws.amazon.com/amazon-ai/>

Amazon AI services bring natural language understanding (NLU), automatic speech recognition (ASR), visual search and image recognition, text-to-speech (TTS), and machine learning (ML) technologies within the reach of every developer. Based on the same proven, highly scalable products and services built by the thousands of machine learning experts across Amazon, Amazon AI services provide high-quality, high-accuracy AI capabilities that are scalable and cost-effective. In addition, the AWS Deep Learning AMI provides a way for AI developers and researchers to quickly and easily begin using any of the major deep learning frameworks to train sophisticated, custom AI models; experiment with new algorithms; and learn new deep learning skills and techniques on AWS' massive compute infrastructure. This will be added to [Artificial Intelligence Resources](#) Subject Tracer™. This will be added to [Script Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™.

Citadel - Open Source eMail and Collaboration

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

Citadel is easy, versatile, and powerful, thanks to its exclusive "rooms" based architecture. No other platform seamlessly combines so many different features using this familiar and consistent metaphor. Citadel is 100% open source software using the GNU General Public License. It's not a crippled, cut-down version of some expensive "enterprise" edition. The software you download here is the very best available, and it's all free software. Features include: a) email; b) calendar/scheduling, c) address books, d) bulletin boards (forums), e) mailing list server; f) instant messaging, g) wiki and blog engines, h) multiple domain support, i) a powerful web interface, j) rss aggregation, k) Lots more This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™.



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Updated> Elder Resources 2017 White Paper Link Dataset Compilation

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

The above is the associated white paper link dataset compilation of the Elder Resources Subject Tracer™ Information Blog by [Marcus P. Zillman, M.S., A.M.H.A.](#) It is a 19 page .pdf document 182KB. [Updated On August 4, 2017] Other white papers are available by clicking [here](#).

GNU Make

<https://www.gnu.org/software/make/>

GNU Make is a tool which controls the generation of executables and other non-source files of a program from the program's source files. Make gets its knowledge of how to build your program from a file called the makefile, which lists each of the non-source files and how to compute it from other files. When you write a program, you should write a makefile for it, so that it is possible to use Make to build and install the program. This will be added to [Script Resources](#) Subject Tracer™.

Updated> Bots, Blogs and News Aggregators 2017

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

Research white paper link dataset compilation **Bots, Blogs and News Aggregators 2017** is now a 19 page research paper listing many resources both new and existing that will help anyone who is attempting to find information and knowledge research about bots, blogs and news aggregator tools currently available on the Internet. It is freely available as a .pdf file (323kb) at the above link from the Virtual Private Library™ and authored by [Marcus P. Zillman, M.S., A.M.H.A.](#) . It was updated and all links validated on **August 5, 2017**. Other white papers are available by clicking [here](#).

Digital Operating Systems Using Artificial Intelligence, Deep Learning, and Bots for the Small and Medium Size Business - Tools and Resources

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

Digital Operating Systems by [Marcus P. Zillman, M.S., A.M.H.A.](#) will be a 500+ page manual with 15 chapters from Artificial Intelligence Resources to Future Predictions and Conclusions. This is designed giving the tools and resources necessary for the small and medium size business who now want to create or improve their digital operating system for the [New Economy](#). This publication is in process and should be available in September 2017. For additional information click [here](#) or contact the [author](#).

Free Software Foundation (FSF)

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

The Free Software Foundation (FSF) is a nonprofit with a worldwide mission to promote computer user freedom. We defend the rights of all software users. As our society grows more dependent on computers, the software we run is of critical importance to securing the future of a free society. Free software is about having control over the technology we use in our homes, schools and businesses, where computers work for our individual and communal benefit, not for proprietary software companies or governments who might

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seek to restrict and monitor us. The Free Software Foundation exclusively uses free software to perform its work. The Free Software Foundation is working to secure freedom for computer users by promoting the development and use of free (as in freedom) software and documentation—particularly the GNU operating system—and by campaigning against threats to computer user freedom like Digital Restrictions Management (DRM) and software patents. The FSF maintains historic articles covering free software philosophy and maintains the Free Software Definition—to show clearly what must be true about a particular software program for it to be considered free software. The FSF sponsors the GNU project—the ongoing effort to provide a complete operating system licensed as free software. We also fund and promote important free software development and provide development systems for GNU software maintainers, including full email and shell services and mailing lists. We are committed to furthering the development of the GNU Operating System and enabling volunteers to easily contribute to that work, including sponsoring Savannah the source code repository and center for free software development. This will be added to [Script 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™.

Kaggle - Home of Data Science and Machine Learning

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

Kaggle helps you learn, work and play. Features include: a) Competitions - Climb the world's most elite machine learning leader boards, b) Datasets - Explore and analyze a collection of high quality public datasets, and c) Kernels - Run code in the cloud and receive community feedback on your work. This will be added to [Artificial Intelligence Resources](#) Subject Tracer™. This will be added to [Script Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Statistics Resources and Big Data](#) Subject Tracer™.

Updated> Genealogy Resources 2017

<http://GenealogyResources.info/>

The white paper link dataset compilation of the [Genealogy Resources](#) Subject Tracer™ Information Blog by [Marcus P. Zillman, M.S., A.M.H.A.](#) and is a freely available 19 page .pdf document (192KB) listing the latest and greatest online resources and sites for genealogy! **Completely Updated including all links validated and new links added on August 7, 2017.** Other white papers are available by clicking [here](#).

Cupcake - Free Original Images To Use As You Want

<http://cupcake.nilssonlee.se/>

All photos here on www.cupcake.nilssonlee.se are licensed under the Creative Commons license CC0, which means that you are free to use the images without any costs. You can copy, modify, distribute and perform the work, even for commercial purposes, all without asking for permission. Although, you're more than welcome to let me know if you use images for a website, illustration or whatever, it's inspiring to see the results. This will be added to [Entrepreneurial Resources](#) Subject Tracer™.

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UnSplash - Make Something Awesome

<https://unsplash.com/>

Over 200,000 free (do whatever you want) high-resolution photos brought to you by the world's most generous community of photographers. With a huge library of photos and hundreds more being added each day, chances are we've got a photo for you. Find inspiration in the new photos we hand-select every day or use our search to find and download exactly what you're looking for. This will be added to [Entrepreneurial Resources](#) Subject Tracer™.

Updated> eReference Library Link Dataset Toolkit 2017

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

The eReference Library Link Dataset Toolkit 2017 has been completely updated, reviewed with ALL links verified and is now a 68 page freely available white paper link compilation for a selected group of reference resources that are available over the Internet. These resources are designed to be your eReference Library and to give you the latest and greatest reference resources available from the Internet. The eReference Library Link Toolkit 2017 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/laptops. Updates to this toolkit are powered by [Subject Tracer™](#) Information Bots (STIB). This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. Additional freely available white papers by Marcus P. Zillman are available by clicking [here](#). [Completely updated including all links validated and new links added August 8, 2017 .pdf 68 pages 454KB]

Fresh Web Explorer

<https://moz.com/tools/fresh-web-explorer>

Fresh Web Explorer (FWE) helps you explore mentions of your brand and mentions of industry topics online. Fresh Web Explorer uses the power of the Moz Freshscape Index to find the very latest, freshest mentions of your company, brand, industry topics, or any other key terms that interest you. The Moz Freshscape Index contains over 4 Million RSS feeds and over 19 Million URLs—and growing. Moz's proprietary Feed Authority metric lets you know which mentions are most important. Discover the latest relevant articles and content being published on the web. Moz Pro subscribers can also use advanced search operators to search for multiple keywords, search for an exact-match phrase, or exclude keywords from their search. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Updated> Privacy Resources 2017

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

The white paper link dataset compilation of [Privacy Resources 2017](#) Subject Tracer™ by [Marcus P. Zillman, M.S., A.M.H.A.](#) is now a 50 page .pdf document 362KB. Privacy Resources and Sites on the Internet is a comprehensive listing of privacy resources



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currently available on the Internet. These include associations, indexes, search engines as well as individual websites and sources that supply the latest technology and information about privacy and how it relates to you and the Internet. This is a **MUST** reference for today's [New Economy](#) where privacy and security have become major issues!! Keep your privacy and security with this excellent Subject Tracer™. This white paper (.pdf) has been completely updated including all links validated and new links added as of **August 9, 2017**.

Catalog of Research Databases

<https://investigativedashboard.org/databases/>

A collection of the most useful public data sources for investigative reporting compiled by OCCRP's researchers. 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™.

PLOS Currents

<http://currents.plos.org>

For almost two decades, the Public Library of Sciences (PLOS) has offered open-access, peer-reviewed scholarship from all areas of science. For science scholars, instructors, and students who want to stay abreast of developments in a particular research topic, PLOS offers *PLOS Currents*, "an innovative, online publication channel for new scientific research and ideas organized by focused research areas." As with other PLOS publications, *PLOS Currents* facilitate open communication among researchers by publishing completed and in progress research. There are currently six *PLOS Currents* listed on this page, which readers may browse and explore at their leisure. Topics include Huntington Disease, Muscular Dystrophy, Disasters, Outbreaks, Tree of Life, and Evidence on Genomic Tests. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. Copyright © 2017 Internet Scout Research Group - <http://scout.wisc.edu>

Guide to Privacy Resources 2017

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

The **Guide to Privacy Resources 2017** is a comprehensive listing of privacy resources currently available on the Internet. These include associations, indexes, search engines as well as individual websites and sources that supply the latest technology and information about privacy and how it relates to you and the Internet. The comprehensive list of sources is taken from my Subject Tracer™ Information Blog titled Privacy Resources and is constantly updated with my Subject Tracer™ bots. These resources and sources will help you to discover the many pathways available to you through the Internet to find the latest privacy sources and sites. [This has been updated on August 10, 2017 and is 50 pages PDF 357KB]



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National Information Center

<https://www.ffiec.gov/nicpubweb/nicweb/nichome.aspx>

The National Information Center (NIC) is a central repository of data about banks and other institutions for which the Federal Reserve has a supervisory, regulatory, or research interest, including both domestic and foreign banking organizations operating in the United States. This web site provides access to NIC data, allowing the public to search for detailed information about banking organizations. This will be added to [Financial Sources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research](#)

Atlas Informatics - Atlas Recall

<https://www.atlas.co/>

Atlas Recall gives you a photographic memory for your digital life. Your searchable index of everything you see across all your devices and apps. Atlas Informatics is a startup in Seattle with an audacious goal to redefine search as we know it. Atlas Recall, the company's first product, gives you a searchable photographic memory that helps you find EVERYTHING you have seen across all of your devices, apps and cloud services. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™.

Updated> New Economy Resources 2017

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

<http://2017NewEconomy.com/>

New Economy Resources 2017 represents the latest world wide web resources for discovering new knowledge and understanding the latest happenings with regards to the New Economy. The world is rapidly changing as transparency, big data and the ability to access data from new and now accessible databases becomes a reality! Understanding the required new economy analytics, resources and alerts will give you the necessary tools to maintain your current position, improve your position and or discover the new knowledge required to be the leader in your profession. It was Released January 1, 2017 and Updated August 11, 2017 [47 pages 437KB .pdf]

Meta - Google for Your Files

<https://www.meta.sc/>

Search your Desktop, Google Drive, Dropbox, Gmail, Evernote, and everything else as easily as you'd search the Internet. Take control of your files. With Meta's insanely fast and comprehensive search, you can access any document at the drop of a hat - and you don't even need to know the filename! This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™.



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TrackaCompany (TAC)

<https://trackacompany.com/>

TrackaCompany (TAC) is the first offering from the OpenSide company, a specialist in integration and automation software. TAC is a perfect showcase of the OpenSide platform which demonstrates the ability to build world class applications involving the aggregation of multiple data sources. OpenSide builds enterprise applications for the marketing industry. Track your own company and competitors. Track your clients. Track your portfolio. Track Your Industry. This will be added to [Financial Sources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Updated> Bot and Intelligent Agent Research Resources 2017

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

The above is the associated white paper link dataset compilation of the [Bot Research](#) Subject Tracer™ Information Blog by [Marcus P. Zillman, M.S., A.M.H.A.](#) It is a 23 page .pdf document 208KB. [All Links Validated and New Links added on August 12, 2017] Other white papers are available by clicking [here](#).

TadaWeb - Clone and Amplify Human Intelligence for Web Data Collection and Analysis

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

Tadaweb is the first small data platform designed to clone and amplify human intelligence for web data collection and analysis. Their technology is already trusted by a number of leading governments to help identify, track and capture even the most volatile, multi-source web data. They provide their customers with the power to engage and analyze data like humans, at the scale and speed of computers. In order to achieve this, they are driven by four key pillars: 1) Cloning Human Intelligence; 2) Pioneering Small Data; 3) Promoting Transparency; and 4) Empowering Volatile Analysis. This will be added to [Financial Sources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Web Data Extractors](#) White Paper.

Kompyte - Track Your Competitors In Real Time

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

Track Your Competitors In Real-Time ... See every change they make to their websites, products and digital marketing campaigns. Kompyte is designed to learn about your competitors online strategies in real time, and respond to them in an easy, fast and affordable way for any company or business. Kompyte reinvents they way companies compete on the Internet. Now they can compete in a smarter way and respond in real time. This will be added to [Financial Sources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial](#)



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

Updated> Agriculture Resources 2017 White Paper Link Dataset Compilation

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

The above is the associated white paper link dataset compilation of the Agriculture Resources 2017 Subject Tracer™ Information Blog by [Marcus P. Zillman, M.S., A.M.H.A.](#) It is a 22 page .pdf document 197KB. [**Completely Updated Including All Links Validated On August 14, 2017**] Other white papers are available by clicking [here](#).

AsteroidIQ Competitive Intelligence

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

With the ever-growing pace of the internet, competitive intelligence has become a vital part of the business for many growing companies. Traditional solutions rely heavily on human capital and outdated practices, all while new regulatory environment demands a quick turnaround. AsteroidIQ was built on a premise that tracking web properties of your competitors should be easy, cost effective, and provide a bang for the buck. With just a few minutes of setup, it is possible to start monitoring thousands of web pages, maintaining a full scale archive. This allows their customers to have a historical reference on how websites change over time, and be able to track how companies change their web presence in response to customer feedback and the competition. Internet is a living breathing environment that changes beyond the speed of anyone's comprehension and automation is the only way to keep up. They think it is important that your business can do it and we strive to achieve the best results for our customers. This will be added to [Financial Sources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Center for Open Education

<http://open.umn.edu/>

Opening opportunities to the future of education ... They believe that the future of education is open. They support initiatives that advance that vision coupled with tangible results that build access to resources, research, and communities committed to open education. This has been added to [Open Educational Resources \(OER\) Sources](#) Subject Tracer™. This will be added to [Education and Academic Resources](#) Subject Tracer™.

Updated> Intrapreneurial Resources 2017 White Paper DataSet Link Compilation

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

I have just updated my white paper link compilation of the **Intrapreneurial Resources** Subject Tracer™ Information Blog by Marcus P. Zillman, M.S., A.M.H.A. It is a 13 page .pdf document 163KB. [**Updated August 15, 2017**] Other white papers are available by clicking [here](#).



The Ultimate Artificial Intelligence Resources Guide by Kyle Poyar

<http://labs.openviewpartners.com/artificial-intelligence-resources-guide/>

The term Artificial Intelligence was originally coined by John McCarthy in 1955 who defined it as “the science and engineering of making intelligent machines.” More than half a century later, AI and machine learning are taking their places among tech’s most talked about trends. Over the past few years, AI has made inroads in data mining, industrial robotics, speech recognition and much more. And its rise is only slated to continue. By 2022, the overall artificial intelligence market is expected to be worth more than \$16 billion. That’s an expected compound annual growth rate of over 62% from 2016 to 2022. It’s not wonder then that tech giants and small startups alike are investing heavily in AI and machine learning. Here, they have compiled an in-depth guide to help you brush up on your AI knowledge. This will be added to [Artificial Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™.

Updated> Internet-of-Things (IOT) Resources 2017

<http://www.Internet-of-Things.ws/>

A resources listing of the Internet-of-Things (IOT) 2017. 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!! [15 Pages .pdf 255KB Updated August 16, 2017]

OpenStax - Improving Student Access to Education

<https://openstax.org/>

OpenStax is a nonprofit based at Rice University, and it’s our mission to improve student access to education. Our first openly licensed college textbook was published in 2012, and our library since scaled to more than 20 books for college and AP courses used by hundreds of thousands of students. Our adaptive learning technology, designed to improve learning outcomes through personalized educational paths, is being piloted in college courses across the country. Through their partnerships with philanthropic foundations and their alliance with other educational resource companies, OpenStax is breaking down the most common barriers to learning and empowering students and instructors to succeed. This has been added to [Open Educational Resources \(OER\) Sources](#) Subject Tracer™. This will be added to [Education and Academic Resources](#) Subject Tracer™.

Answer the Public

<http://answerthepublic.com/>

The auto suggest results provided by Google & Bing are a goldmine of insight for today's marketers. As you type you are presented with an aggregated view of the questions & therefore a hint of the motivations & emotions of the people behind each search query. It's perhaps one of the best but most underutilised sources of research for content ideas. Until now... There are some excellent alternative keyword research tools like



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ubersuggest.org & keywordtool.io that automate the gathering of suggestions by appending every letter of the alphabet to a keyword you enter. But they felt they only scratched the surface of the insight that was possible by using this method. They knew that appending a search term with words like "for" or "with" gave a much richer starting point for content ideas. The more they played with adding different words the more interesting the insight. It felt a bit like mind-reading. But the task of capturing all the answers became a challenge. They needed to automate the gathering of questions and create something that could be easily shared. This is search insight that should and could be used by any marketing team. Creative, PR, Content, SEO. So they built simple visualizations of the data. A one-pager that could be shared to prompt a conversation on how you could start answering your public better. By creating content that's useful, funny or inspiring. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Updated> Start Up Resources for Entrepreneurs 2017

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

Start Up Resources is a publication from the Virtual Private Library and freely available from the above URL. Sections include: a) Idea Validation - How To Validate Your Startup Idea; b) Bootstrapping; c) Pitching; d) Lean Startup; e) Customer Development (CustDev); f) Minimum Viable Product (MVP); g) Launching; h) Funding/Venture Capital/Seed Capital/Angel Investing; i) Landing Page Optimization; j) PR/Press/Marketing; k) Conversion Rate Optimization; l) Tools, Resources and Videos; and m) Subject Tracer™ Information Blogs. This is now a 22 page pdf document (186KB) and updated on August 17, 2017. This has been added to to [Entrepreneurial Resources](#) Subject Tracer™.

Quick Sprout - Reporting Changes That Will Grow Your Traffic

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

There are important changes on your website that will grow your traffic. Quick Sprout tells you how to make those changes. Quick Sprout helps you cut to the chase when growing your website traffic by showing you what improvements are important. Features include: a) Make human decisions - Your analytics data is more than numbers & graphs. Celebrate your achievements with a clear view of what's happening on your website; b) Be alerted of important changes - When a traffic improvement is available, Quick Sprout sends you an alert so you can act and make the change quickly; and c) Grow. Learn. Repeat - Built from Neil Patel's marketing knowledge, Quick Sprout helps you learn the what, why, and how, while continually growing your traffic. Quick Sprout is the easiest way for you to know what is happening on your website and how to improve your website to grow your traffic. This will be added to [Entrepreneurial Resources](#) Subject Tracer™.



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Trifacta - Data Wrangling

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

Trifacta's mission is to create radical productivity for people who analyze data. They are deeply focused on solving for the biggest bottleneck in the data lifecycle, data wrangling, by making it more intuitive and efficient for anyone who works with data. This will be added to [Statistics Resources and Big Data](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™.

Updated> Astronomy Resources 2017 White Paper Link Dataset Compilation

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

The above is the associated white paper link dataset compilation of the [Astronomy Resources 2017](#) Subject Tracer™ Information Blog by [Marcus P. Zillman, M.S., A.M.H.A.](#) It is now a 29 page .pdf document 243KB. [**Completely updated with all links validated and new links added on August 18, 2017**] Other white papers are available by clicking [here](#).

Kumu - Clarity Begins With Kumu

<https://kumu.io/>

Kumu is a powerful data visualization platform that helps you organize complex information into interactive relationship maps. Kumu makes it easy to organize complex data into relationship maps that are beautiful to look at and a pleasure to use. Features include: a) Stakeholder mapping - Explore the complex web of loyalties, interests, influence, and alignment of key players around important issues; b) Systems mapping - Understand and engage complex systems more effectively using systems maps and causal loop diagrams, c) Social network mapping - Capture the structure of personal networks and reveal key players. Visualize the informal networks within your organization and see how work really gets done; d) Community asset mapping - Keep track of the evolving relationships among community members and resources; and e) Concept mapping - Brainstorm complex ideas and relate individual concepts to the bigger picture. Unfold convoluted series of events using Lombardi diagrams. With Kumu you'll be up and running in seconds, no technical background required or software to install. And once your maps are finished, their built-in presentation builder and publishing platform make it easy to share your work with the world. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™.

Updated> Web Guide for the New Economy 2017

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

The **Web Guide for the New Economy 2017** by [Marcus P. Zillman, M.S., A.M.H.A.](#) has just been updated and represents the latest world wide web resources for discovering new knowledge and understanding the latest happenings with regards to the New Economy. Understanding the required new economy analytics, resources and alerts will give you the necessary tools to maintain your current position, improve your position and discover the

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new knowledge required to be the leader in your profession in the New Economy!
Download this freely available web guide today! [**Updated with All Links Validated on August 19, 2017 50 pages 484KB**] Additional white papers by Marcus P. Zillman are available by clicking [here](#).

September 2017 Zillman Column - Web Data Extractors 2018

http://columns.virtualprivatelibrary.net/Web_Data_Extractors_Sept17_Column.pdf

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

The September 2017 Zillman Column features **Web Data Extractors 2018** by Marcus P. Zillman, M.S., A.M.H.A.; Executive Director of the Virtual Private Library. Extracting data from the World Wide Web (WWW) has become an important issue in the last few years as the number of web pages available on the visible Internet has grown to billions of pages with over 1 trillion + pages available from the invisible web. Tools and protocols to extract all this information have now come in demand as researchers as well as web browsers and surfers want to discover new knowledge at an ever increasing rate! As robots (bots) and intelligent agents are at the heart of many extraction tools I decided to create a compilation of the latest sources and sites that extract information from the web. Download this excellent freely available 22 page 209KB pdf column today. This is another MUST have column to discover the latest web data data scrapping and data extractors to give you the data you need in today's ever changing business and academic world!!

TouchGraph - Visualize and Interact with Information

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

TouchGraph was founded in 2001 with the creation of the original visual browser for Google. Since then, millions of people have used TouchGraph's tools to discover the relationships contained in Google, Amazon, Wikis, and other popular information sources. Our commercial applications include solutions for companies in management consulting, social networking, and mass media. TouchGraph's approach is unique because their highest priorities are utility and ease of use. They start with the premise of a scientific or business application, and work to create a clear and intuitive interface that gets their customers the results they need. They avoid superfluous artistic effects in favor of a clear presentation. Their applications are designed to simplify navigation, filtering, and visual metaphors. They reveal important relationships and details in your data without reducing the richness of the information itself. 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 [Online Research Browsers 2017](#) .

WordWanderer - Take Your Text for a Walk

<http://wordwanderer.org/>

They are experimenting with visual ways in which they can enhance people's engagement with language. By fusing the information they can obtain from corpus searches, concordance outputs and word clouds they are aiming to enable and encourage



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people to notice and wander through the words they read, write and speak. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Updated> Entrepreneurial Resources 2017

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

Entrepreneurial Resources 2017 (EntrepreneurialResources.info) is a Subject Tracer™ Information Blog and white paper developed and created by the Virtual Private Library™. It is designed to monitor entrepreneurial resources on the World Wide Web. This site has been developed and maintained by Marcus P. Zillman, M.S., A.M.H.A.; Internet expert, author, keynote speaker, and consultant. [157 Pages, 922KB PDF, Updated with all links validated and hundreds of new links added on August 21, 2017]

Heatmap.js - Dynamic Heatmaps for the Web

<https://www.patrick-wied.at/static/heatmapjs/>

heatmap.js is a lightweight, easy to use JavaScript library to help you visualize your three dimensional data! Use it to add new value to your project, build a business based on it, study and visualize user behavior, or why not build something completely crazy/awesome? Whether you want to have an aggregated overview of your users behavior, or look at thousands of events distributed on a map... Why heatmap.js? Because it is the most advanced heat map visualization library on the web. It has a light footprint (~3kB gzip) and with the new 2.0 release heatmap.js just got: 1) faster, with a new rendering module; 2) stronger, to handle even more datapoints (40k+); 3) easier to use so you can get up to speed quickly; and 4) easier to extend for custom functionality than ever before. heatmap.js' API is all documented - also prioritized: *hot docs* - so you can start developing right away! As heatmap.js is more or less actively developed and maintained on github, people have contributed some really useful plugins (especially for GIS developers.)Throughout the last few years heatmap.js evolved to the next level. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Cytoscape - Network Data Integration, Analysis and Visualization In a Box

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

Cytoscape is an open source software platform for visualizing molecular interaction networks and biological pathways and integrating these networks with annotations, gene expression profiles and other state data. Although Cytoscape was originally designed for biological research, now it is a general platform for complex network analysis and visualization. Cytoscape core distribution provides a basic set of features for data integration, analysis, and visualization. Additional features are available as Apps (formerly called Plugins). Apps are available for network and molecular profiling analyses, new layouts, additional file format support, scripting, and connection with databases. They may be developed by anyone using the Cytoscape open API based on Java™ technology and App community development is encouraged. Most of the Apps are freely available from Cytoscape App Store. This will be added to [Biological](#)



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

Updated> Online Research Browsers 2017

<http://www.zillman.us/white-papers/online-research-browsers/>

Internet MiniGuide Annotated Link Dataset Compilation white paper titled "Online Research Browsers 2017" a 19 page research paper listing many resources both new and existing that will help anyone who is attempting to find information and knowledge research about online research browsers available on the Internet. These research browsers allow you to visualize information to find new relationships and associations to create knowledge discovery and obtain new and highly relevant research data. It is freely available as a .pdf file (184KB) at the above link from the Virtual Private Library™ and authored by [Marcus P. Zillman, M.S., A.M.H.A.](#) It was updated with all links validated on **August 22, 2017**. Other white papers are available by clicking [here](#).

Wordle - Generate Word Clouds

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

Wordle is a toy for generating “word clouds” from text that you provide. The clouds give greater prominence to words that appear more frequently in the source text. You can tweak your clouds with different fonts, layouts, and color schemes. The images you create with Wordle are yours to use however you like. You can print them out, or save them to your own desktop to use as you wish. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Updated> Finding People Resources and Sites 2017

<http://FindingPeople.info/>

The above is the associated white paper link compilation of the [Finding People](#) Subject Tracer™ Information Blog by [Marcus P. Zillman, M.S., A.M.H.A.](#). It is now a 25 page .pdf document (225KB). [**Updated on August 23, 2017**] Other white papers are available by clicking [here](#).

Vennage - Make Infographics That People Love

<https://venngage.com/>

Create your infographics in 3 easy steps ... Infographics make data and processes accessible and memorable. Choose from a 100+ infographic templates on Vennage and follow these steps to create your own infographics. 1) Choose a template - Get inspired and create an infographic quickly with one of our professionally designed infographic templates; 2) Add charts and visuals - Visualize your data and information with charts and text. Enhance your infographic by adding icons and images from our library; and 3) Customize your design - Customize your infographic design by changing the fonts and colors with our infographic maker. Apply your own style to make your infographic unique. Not a designer? No problem. Whether you're creating infographics, presentations, reports or social media visuals, their customizable templates will help you become a



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design wiz in a few clicks. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

GitLab - The Platform for Modern Developers

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

GitLab Inc. is a company based on the GitLab open-source project. GitLab is an integrated product that unifies issues, code review, CI and CD into a single UI. GitLab Inc. offers self hosted products and SaaS plans for GitLab.com. GitLab is a open source project project with a large community, over 1700 people worldwide have contributed to GitLab! GitLab Inc. has an is an active participant in this community, see our stewardship of GitLab CE for more information. For a more customer focused overview see our pitches. We have a lot of information available online, see the primer for a good start. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to [Script Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Updated> Grid, Distributed and Cloud Computing Resources 2017

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

The above is my white paper link compilation of [Grid, Distributed and Cloud Computing Resources](#) Subject Tracer™ by [Marcus P. Zillman, M.S., A.M.H.A.](#) It is a 31 page .pdf document 257KB. [Updated including all links validated and new linked added on August 24, 2017] Other white papers are available by clicking [here](#).

2nd World OER Congress

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

The 2nd World Open Educational Resources (OER) Congress is scheduled to be held in Ljubljana, Slovenia, on 18–20 September 2017, co-organized by UNESCO and the Government of Slovenia. This event will mark five years since the World OER Congress was held in Paris in June 2012. The Congress will follow the theme »OER for Inclusive and Equitable Quality Education: From Commitment to Action«, reflecting a strong focus on the role of OER in achieving Sustainable Development Goal 4. Organized by UNESCO and the Slovenian Ministry of Education, Science and Sport in close collaboration with the Commonwealth of Learning, Creative Commons, the Slovenian National Commission for UNESCO and the UNESCO Chair on Open Technologies for OER and Open Learning (Jožef Stefan Institute, Slovenia) with the generous support of The William and Flora Hewlett Foundation. This has been added to [Open Educational Resources \(OER\) Sources](#) Subject Tracer™. This will be added to [Education and Academic Resources](#) Subject Tracer™.

eLabFTW - Free and Open Source Electronic Lab Notebook

<https://www.elabftw.net/>

Designed by researchers, for researchers, with usability in mind. With eLabFTW you get a secure, modern and compliant system to track your experiments efficiently but also manage your lab with a powerful and flexible database. If you do experimental research,



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then eLabFTW is for you. Whatever your field is. It is also well suited for teachers, or biotech companies. eLabFTW is powered by PHP/MySQL in Docker containers. It should be installed on a server. One install can be for a team, or the whole institution. You can also install it on your computer just for yourself. Features include: 1) Free - Open-source with an AGPL licence means free as in beer but also free as in freedom. You have the freedom to modify it, look how it works and even redistribute your changes; 2) Secure - Strong encryption, good practices and modern codebase offers the best security for your data; 3) Responsive - You can access your lab book from any device, running any operating system, from anywhere in the world; 4) Cross-platform - Use your favorite operating system. You only need a recent browser; 5) Timestamps - RFC 3161 compliant timestamping of experiments (for intellectual property); 6) Inventory management - Store reagents, protocols, plasmids, cell lines, mice or anything you want, you can customize everything; 7) Stay master of your data - Import and export your data in common file formats (PDF, ZIP, CSV, JSON). Your data is not locked somewhere; 8) Internationalization - eLabFTW is translated in several languages because not everyone is comfortable with english; 9) Scheduler - Use the integrated scheduler to book anything you need to like microscopes, rooms, machines, etc. This will be added to [Biological Informatics](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Updated> eMarketing MiniGuide 2017

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

This freely available and just released **eMarketing MiniGuide 2017** by [Marcus P. Zillman, M.S., A.M.H.A.](#) The 18 page (207KB) PDF miniguide updated August 25, 2017 covers the following areas:

B2b Marketing

Book Self-Publishing

Content Marketing

Conversion Rate Optimization

Landing Page Optimization

Lead Generation, Lead Nurturing, Lead Scoring and Lead Management

Lead/Agile Software Development

Marketing Automation

Public Relations/Press Releases

Social Media Marketing

Web Marketing. Internet Marketing

Web User Experience

Miscellaneous

Subject Tracer™ Information Blogs

Visit this freely available **eMarket MiniGuide 2017** today and use all these excellent resources. Please spread the word about this MiniGuide to all your friends, associates and social media networks!!



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Paper.js — The Swiss Army Knife of Vector Graphics Scripting

<http://paperjs.org/>

Paper.js is an open source vector graphics scripting framework that runs on top of the HTML5 Canvas. It offers a clean Scene Graph / Document Object Model and a lot of powerful functionality to create and work with vector graphics and bezier curves, all neatly wrapped up in a well designed, consistent and clean programming interface. Paper.js is based on and largely compatible with Scriptographer, a scripting environment for Adobe Illustrator with an active community of scripters and more than 10 years of development. Paper.js is easy to learn for beginners and has lots to master for intermediate and advanced users. Paper.js is developed by Jürg Lehni & Jonathan Puckey, and distributed under the permissive MIT License. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to [Script Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Plotly - Visualize Data Together

<https://plot.ly/>

Plotly lets users easily create interactive charts and dashboards to share online with their audience. Easily turn your data into eye-catching and informative graphics using our sophisticated, open source, visualization library and our online chart creation tool. Connect your data to their platform. Within minutes, start typing SQL. No database? No problem. They also support csv imports and manual data entry. Easily create stunning and informative graphics using our sophisticated, open source, visualization library and our online chart creation tool. Take a look at the chart types that our APIs support and view our community feed. Easily share your findings by embedding them into a web page, exporting them into pdf, png, svg, eps formats, or creating custom slide decks and dashboards. Plotly Charts are fundamentally tied to their underlying data. As charts are shared and data changes hands through your organization, Plotly tracks how that data transforms. Think of it as GitHub for data. As a cloud platform, Plotly is the only business intelligence solution to provide heavily audited industries with fine-grained information on data provenance. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to [Script Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Updated> Script Resources 2017 Subject Tracer™ Information Blog White Paper Link Dataset Compilation

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

I have just updated my Subject Tracer™ Information Blog white paper link compilation titled **Script Resources 2017** which is now a 30 page paper listing selected resources both new and existing that will help anyone who is attempting to find the latest information about scripts and codes that are available over the Internet. It is freely available as a .pdf file (240KB) at the above link from the Virtual Private Library™ and authored by [Marcus P. Zillman, M.S., A.M.H.A.](#) It was Updated with New Links Added and All Links Validated on **August 26, 2017**.



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

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Exploratory - The Third Wave of AI

<https://exploratory.io/>

Data Science is not just for Engineers and Statisticians. It's for Everyone who is interested in data. With a simple UI experience and the depth of R's analytics power, you can interact and understand ANY data at the speed of your thought. Exploratory's Machine Learning framework provides a simple and consistent experience for building, predicting, and evaluating the models from hundreds of the machine learning algorithms available in R. With Exploratory's open machine learning framework you can bring your own favorite algorithms and run them natively, which means you can build, predict, and evaluate the models with point and clicks, just like any other out-of-the-box machine learning models. This will be added to [Artificial 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™.

Dat - Open Source Decentralized Data Sharing Tool

<https://datproject.org/>

Dat is a grant-funded, open-source, decentralized data sharing tool for efficiently versioning and syncing changes to data. Dat can be used to version data locally, or to share and sync data over the internet. Dat includes an optional peer-to-peer distribution system, meaning that the more widely that a dataset is shared, the faster it is for users to retrieve or sync a copy, and the more redundant that the dataset's availability becomes. By building tools to build and share data pipelines, we aim to bring to data a style of collaboration similar to what Git brings to source code. Dat is designed as a general-purpose tool for any data on the Web, with our main priority being to ensure scientific data can be more easily published and archived. Dat is fully open source and is built using JavaScript, Node.js and Electron. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to [Script Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Updated> Biotechnology Resources 2017 White Paper Link Dataset Compilation

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

The above is the associated white paper link dataset compilation of the [Biotechnology Resources 2017](#) Subject Tracer™ Information Blog by [Marcus P. Zillman, M.S., A.M.H.A.](#) It is now a 14 page .pdf document 168KB. **[Completely Updated including all links validated and new links added on August 28, 2017]** Other white papers are available by clicking [here](#).

The OpenAIRE2020 Project

<https://www.openaire.eu/project-factsheets>

50 partners, from all EU countries, and beyond, will collaborate to work on this large-scale initiative that aims to promote open scholarship and substantially improve the discoverability and reusability of research publications and data. The initiative brings together professionals from research libraries, open scholarship organisations, national e-Infrastructure and data experts, IT and legal researchers, showcasing the truly



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collaborative nature of this pan-European endeavor. A network of people, represented by the National Open Access Desks (NOADs), will organise activities to collect H2020 project outputs, and support research data management. Backing this vast outreach, is the OpenAIRE platform, the technical infrastructure that is vital for pulling together and interconnecting the large-scale collections of research outputs across Europe. The project will create workflows and services on top of this valuable repository content, which will enable an interoperable network of repositories (via the adoption of common guidelines), and easy upload into an all-purpose repository (via Zenodo). OpenAIRE2020 will assist in monitoring H2020 research outputs and will be a key infrastructure for reporting H2020's scientific publications as it will be loosely coupled to the EC's IT backend systems. The EC's Research Data Pilot will be supported through European-wide outreach for best research data management practices and Zenodo, which will provide long-tail data storage. Other activities include: collaboration with national funders to reinforce the infrastructure's research analytic services; an APC Gold OA pilot for FP7 publications with collaboration from LIBER; novel methods of review and scientific publishing with the involvement of hypotheses.org; a study and a pilot on scientific indicators related to open access with CWTS's assistance; legal studies to investigate data privacy issues relevant to the Open Data Pilot; international alignment with related networks elsewhere with the involvement of COAR. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Digital Democracy - Search for Bills, Hearings, Speakers, Committees and Organizations

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

Digital Democracy is a project of the Institute for Advanced Technology and Public Policy at the California Polytechnic University, San Luis Obispo. This free online platform offers a searchable database of state legislative committees hearings, allowing the user to search videos by keyword, topic, speaker, organization or date. Digital Democracy is a first-of-its-kind tool because it transcribes legislative hearing videos and makes them available in their searchable entirety. These data rich transcripts represent an entirely new universe of information previously unavailable to the public. A robust database of all speakers tracks individual participants' testimony and positions, as well as other essential information such as campaign donation and gift histories. Digital Democracy also offers complete text, history and other information on all bills introduced before the state legislature, as well as legislative bill analyses and information on upcoming legislative hearings. This project is pushing beyond the technical challenges of providing mere access to information, instead focusing on how this new data set can be meaningfully interpreted and acted upon by individual citizens and grassroots organization to achieve effective action. Tools within the system allow a user to quickly and easily search, locate, view, clip, and share this information and opinions on Facebook, Twitter, and other social media platforms. The video clips provide dynamic content for citizen activists, community organizers, traditional journalists as well as online media outlets, bloggers, educators, researchers, professional associations, and government watchdogs. This will be added to [Business Intelligence Resources](#) Subject

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

Updated> World Wide Web Reference 2017 White Paper Link Dataset Compilation <http://www.WWWReference.info/>

The above is the associated white paper link dataset compilation of the [World Wide Web Reference 2017](#) Subject Tracer™ Information Blog by [Marcus P. Zillman, M.S., A.M.H.A.](#). It is now a 62 page .pdf document 403KB.[**Updated with all links validated and new links added on August 29, 2017**]. Other white papers are available by clicking [here](#).

Quuu - Hand-Crafted Content Suggestions for Social Media <https://www.quuu.co/>

Quuu is the number one source for content suggestions and the only place where each and every post has been hand-reviewed in-house. It works like this: 1) Select interests - Select from over 300 interest categories to receive suggestions that matter to you and your audience; 2) Choose how many - Choose how many suggestions you'd like to send to your social profiles via your Buffer or HubSpot account; and 3) Auto or manual - Let Quuu handle everything, or manually approve suggestions yourself. Sharing content on social media is a great way to build your following; you can introduce potential customers to your business, or simply amplify your network. They find the very best content by hand reviewing each and every piece so you don't have to, freeing up more time for other areas of your business. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to [Social Informatics](#) Subject Tracer™.

Viral Content Bee <http://viralcontentbee.com/>

Viral Content Bee is a web-based platform that utilizes a crowd-sourcing model to facilitate the generation of REAL “social buzz” on quality content. Viral Content Bee allows you to get Facebook Likes and Tweets from established social media accounts that are primarily outside of your normal social media channels. This keeps the sharing organic and gives your content REAL social signals! Not only does Google love these types of signals, but it also means more eyeballs on your content. This type of organic sharing gives your content its best chance to go viral! This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to [Social Informatics](#) Subject Tracer™.

Updated> Healthcare Bots and Subject Directories 2017 <http://www.HealthcareBots.info/>

Healthcare Bots and Subject Directories 2017 is now a 36 page research paper listing selected resources both new and existing that will help anyone who is attempting to find the latest information about healthcare search engines and subject directories available on the Internet. It is freely available as a .pdf file (334KB) at the above link from the Virtual Private Library™ and authored by [Marcus P. Zillman, M.S., A.M.H.A.](#) It was updated **August 30, 2017**. Other white papers are available by clicking [here](#).



Anchor - Make Cool Audio Directly From Your Phone

<https://anchor.fm/>

Record your voice or any audio around you in seconds; it's as easy as talking on the phone. The easiest way to make a podcast, ever. Once you've added some audio to the app, just choose a name for your podcast and you're done. That's literally it. Interview your friends - Call anyone you know and capture the conversation, even if they don't have the Anchor app installed. Broadcast and share the audio right from your phone. Add real music from Apple Music and Spotify. Add any track from your favorite services to your Anchor station! Listeners with premium accounts can even stream the full song. Works on iPhones, iPads, and Android devices of all shapes and sizes. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

CloudApp - Instant Video and Image Sharing Platform for Professionals

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

CloudApp is an instant video and image sharing platform for professionals. CloudApp is the fastest way to capture and embed video, GIFs, screencasts and marked up images throughout business workflows (eg. software development, design, customer success, support, sales, marketing). CloudApp also make is super quick and easy to share with others, whether you are a freelance designer, web developer, software engineer, customer service professional, or a startup founder. Every file you create is safely and securely stored in the cloud, and accessible via our native Mac and Windows Apps, or shareable on the web through unique, secure and password protected cl.ly short links. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Updated> Grant Resources on the Internet 2017

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

The above is the associated white paper link dataset compilation of the [Grant Resources 2017](#) Subject Tracer™ Information Blog by [Marcus P. Zillman, M.S., A.M.H.A.](#). It is a freely available 16 page .pdf document (196KB) listing the latest and greatest online resources and sites for grants! **Updated with all links validated and new links added on August 31, 2017.** Other white papers are available by clicking [here](#).



Awarenesswatch™ Paper Review

Disinformation and Social Bot Operations in the Run Up to the 2017 French Presidential Election by *Emilio Ferrara*

<http://firstmonday.org/ojs/index.php/fm/article/view/8005>

Abstract:

Recent accounts from researchers, journalists, as well as federal investigators, reached a unanimous conclusion: social media are systematically exploited to manipulate and alter public opinion. Some disinformation campaigns have been coordinated by means of bots, social media accounts controlled by computer scripts that try to disguise themselves as legitimate human users. In this study, we describe one such operation that occurred in the run up to the 2017 French presidential election. We collected a massive Twitter dataset of nearly 17 million posts, posted between 27 April and 7 May 2017 (Election Day). We then set to study the *MacronLeaks* disinformation campaign: By leveraging a mix of machine learning and cognitive behavioral modeling techniques, we separated humans from bots, and then studied the activities of the two groups independently, as well as their interplay. We provide a characterization of both the bots and the users who engaged with them, and oppose it to those users who didn't. Prior interests of disinformation adopters pinpoint to the reasons of scarce success of this campaign: the users who engaged with *MacronLeaks* are mostly foreigners with pre-existing interest in alt-right topics and alternative news media, rather than French users with diverse political views. Concluding, anomalous account usage patterns suggest the possible existence of a black market for reusable political disinformation bots.

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/>



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Agriculture Resources
<http://www.AgricultureResources.info/>

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

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

Astronomy Resources
<http://www.AstronomyResources.info/>

Auction Resources
<http://www.AuctionResources.info/>

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

Biotechnology Resources
<http://www.BiotechnologyResources.info/>

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

Business Intelligence Resources
<http://www.BIResources.info/>

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

Data Mining Resources
<http://www.DataMiningResources.info/>

Deep Web Research
<http://www.DeepWebResearch.info/>

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

eCommerce Resources
<http://eCommerceResources.info/>

Education and Academic Resources
<http://www.EducationResources.info/>



Elder Resources

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

Employment Resources

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

Entrepreneurial Resources

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

Fact Checkers Directory

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

Financial Sources

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

Finding People

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

Games Resources

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

Genealogy Resources

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

Grant Resources

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

Green Files

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

Grid, Distributed and Cloud Computing Resources

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

Healthcare Resources

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

Information Futures Markets

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

Information Quality Resources

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

International Trade Resources

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



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Internet Alerts

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

Internet Demographics

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

Internet Experts

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

Internet Hoaxes

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

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/>



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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/>

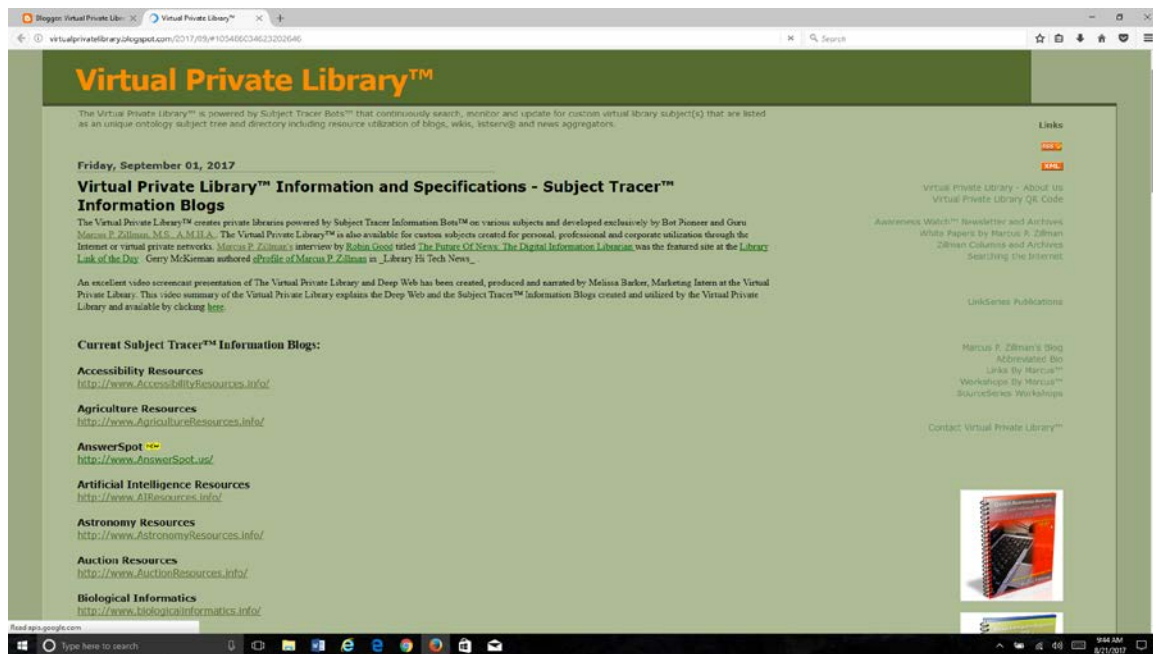


Figure 2: Virtual Private Library™

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,



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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 (19,000+ 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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listen to marcus™

<http://www.ListenToMarcus.com>

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

2017 Directory of Directories

<http://www.2017DirectoryOfDirectories.com/>

Academic and Scholar Search Engines and Sources

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

Bots, Blogs and News Aggregators 2017

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

Business Intelligence Online Resources 2017

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

Cloud Computing Resources Primer 2017

<http://www.zillman.us/white-papers/grid-distributed-and-cloud-computing-resources-primer/>

Current Awareness Discovery Tools on the Internet 2017

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

Deep Web Research and Discovery Resources 2017 Article - LLRX and Online White Paper

<http://zillman.blogspot.com/2017/01/llrx-deep-web-research-and-discovery.html>

<http://DeepWeb.us/>

eMarketing MiniGuide 2017

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

eReference Library Link Toolkit 2017

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

Finding Experts By Using the Internet 2017

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

Finding People Resources and Sites 2017

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



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Healthcare Bots and Subject Directories 2017

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

Knowledge Discovery Resources 2017

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

New Economy Resources 2017

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

Online Research Browsers 2017

<http://www.zillman.us/white-papers/online-research-browsers/>

Online Research Tools

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

Online Social Networking 2017

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

Searching the Internet 2017 – A Primer

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

Using the Internet As a Dynamic Resource Tool for Knowledge Discovery 2017

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

Web Data Extractors 2017

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

Web Guide for the New Economy 2017

<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



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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 report Current Awareness Monitors, Alerts and Information Traps is available for purchase online and for immediate download. This report is a comprehensive listing of the latest resources, sources and sites for current awareness on the Internet. This is a must read for anyone who must stay current in their profession and/or business activity as the list of URLs will keep you at the leading edge of your career.

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.



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