Biological Informatics 2018

By

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Biological Informatics 2018 is a comprehensive listing of biological informatics resources currently available on the Internet. The below list of sources is taken from my Subject Tracer™ Information Blog titled Biological Informatics and is constantly updated with Subject Tracer™ bots at 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 health informatics, neuroinformatics, biodiversity informatics and biomolecular informatics sources and sites.

Figure 1: Biological Informatics 2018 Subject Tracer™ Information Blog
Note: This Biological Informatics Subject Tracer Information Blog is divided into the following categories:

- 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

Antibody Registry  
http://antibodyregistry.org/

arXiv.org - Open Access e-Prints  
https://arxiv.org/
BeeSpace - An Environment for Analyzing Nature and Nurture in Societal Roles
http://www.beespace.illinois.edu/

BEN
http://www.biosciednet.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/

BioethicsWeb [Intute Closed in July 2011]
http://www.intute.ac.uk/bioethicsweb/

Biohealthmatics.com - The Biomedical Informatics Career Portal
http://www.biohealthmatics.com/

BioHunter _ Research Articles Finder
https://www.biohunter.in/

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/

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/

Biowebspin - Academia-Industry Partnering Network in Life Sciences
http://www.biowebspin.com/

BIOZ - Best Way To Find Scientific Data
https://www.bioz.com/
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  

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/

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

ePosters.net: The Online Journal of Scientific Posters  
http://www.eposters.net/
European Bioinformatics Institute (EBI)
http://www.ebi.ac.uk/about

Frontiers in BioScience
http://www.bioscience.org/

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

GenBank ®

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/

Grant Forward - Start Moving Your Research Forward
https://www.grantforward.com/
GVSS - Grid Virtual Screening Service
http://gvss2.twgrid.org/

Human Genome Project Education Resources

InfoBionics - Flexible Data Mining Applications
http://www.infobionics.com/

InsightMedi - The Global Photo-sharing Network for Healthcare Professionals
http://www.insightmedi.com

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)

International Journal of Biological Sciences and Technology (IJBLS)
http://www.ijblst.org/

International Journal of Biomedical Science (IJBS)

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/

Labroots - Scientific Social Networking Website
https://www.labroots.com/

LabWorm - Aggregator of Scientific Online Tools
https://labworm.com/

LeadDiscovery - Dedicated to Drug Discovery
http://www.leaddiscovery.co.uk/

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

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/marie/

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)

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

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

Pivot - Connecting Funding and Research Expertise
https://pivot.cos.com/

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/
Plant Products Research Journal
http://www.ajol.info/index.php/pprj

Project Ranks Billions of Drug Interactions
http://www.Drugable.com/

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 Identification Initiative

Resource Informagen™ - Biotech Company Directories

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

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 Kepler Project
https://kepler-project.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/

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

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

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

Visual Medical Dictionary

HEALTH INFORMATICS: (Medical Informatics)

American Medical Informatics Association (AMIA)
http://www.amia.org/

Authoratory - Database of Leading PubMed Scientists
http://www.authoratory.com/

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

Framingham SNP Health Association Resource (SHArE)

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

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

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

Ares Lab Yeast Intron Database
http://compbio.soe.ucsc.edu/yeast_introns.html

ASC: Active Sequence Collection
http://bioinformatica.isa.cnr.it/ASC/

BELIT - Bioethics Literature Database

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

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

Bioinformatics.Net
http://www.technologynetworks.com/Informatics/

BioInformatics.org
http://www.BioInformatics.org/

BioInformatics Links
http://www.i.uib.no/~inge/list.html

Bioinformatics Online (EBO)
http://www.la-press.com/evolutionary-bioinformatics-journal-j17

BioInformatics Tools

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/

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

Biological Theory: Integrating Development, Evolution, and Cognition
http://mitpressjournals.org/riot

Biology Direct
http://www.biologydirect.com/

Biomacromolecules
http://pubs.acs.org/journal/bomaf6

Bio Mapping
http://biomapping.net/

Biomarker Insights

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/
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

CaptoMe - Federated Biomedical Intelligence - Fast, Smart, Relevant
http://captome.com/

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

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/

CRISPR – Clustered Regularly Interspaced Short Palindromic Repeats  
https://www.cbinsights.com/research/what-is-crispr

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

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

Data Mining Resources 2018  
http://www.DataMiningResources.info/

dbGaP - Database of Genotype and Phenotype  

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

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/

Electronici Laboratory Notebook (ELN) and Laboratory Information Management System (LIMS)
http://www.labii.com/

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

Entrez - The Life Sciences Cross-Database Search Engine

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
Evolutionary Bioinformatics Online (EBO)
http://www.la-press.com/evolutionary-bioinformatics-journal-j17

Evolutionary Intelligence
http://www.neuroblast.net/

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

Functional Glycomics Gateway
http://www.functionalglycomics.org/

Genamics SoftwareSeek
http://genamics.com/software/

GeneEd: Genetics, Education, Discovery

Genetic Science Learning Center
http://gslc.genetics.utah.edu/

Genographic Project
https://genographic.nationalgeographic.com/

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

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

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/

International Journal of Data Mining and Bioinformatics (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

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/

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

Microbiology [Particular coverage for Russian microbiology-related developments]
http://link.springer.com/journal/11021

Microsoft Biology Tools (MBT)

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
National Center for BioTechnology Information (NCBI)

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

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

PLOS: Pathogens  
http://journals.plos.org/plospathogens/

PPAR Research  
http://www.hindawi.com/journals/parp/

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

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

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

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://scicast.com/

Scientific Protocols - Free and Easy Way To Share Scientific Protocols
https://protocols.scienceexchange.com/

SIGMA: Large Scale Machine Learning Toolkit

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

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

SmidgION - Nanopore Sensing for Use With Mobile Devices
https://nanoporetech.com/products/smidgion

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

The PubChem Project

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/

Transcriptic - Discovery Biology On Demand
https://www.transcriptic.com/

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/

Tripos 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://hgdev-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
Subject Tracer™ Information Blogs

Subject Tracer™ Information Blogs created and developed by the Virtual Private Library™ combine the best of the latest tools on the Internet. Using bots, blogs and news aggregators the Subject Tracer™ Information blogs generate RSS feeds with the latest resources to create a current information resource flow through niched subject tracers. I am proud to be the creator of the Internet’s first Subject Tracer™ Information Blogs:

Virtual Private Library™
http://www.VirtualPrivateLibrary.com/

Accessibility Resources
http://www.AccessibilityResources.info/

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

AnswerSpot
http://www.AnswerSpot.us/

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

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

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

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

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

Bot Research
http://www.BotResearch.info/
Business Intelligence Resources
http://www.BIResources.info/

ChatterBots
http://www.ChatterBots.info/

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

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

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

eCommerce Resources
http://eCommerceResources.info/

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

Elder Resources
http://www.ElderResources.info/

Employment Resources
http://www.EmploymentResources.info/

Entrepreneurial Resources
http://www.EntrepreneurialResources.info/

Fact Checkers Directory
http://www.FactCheckers.us/

Financial Sources
http://www.FinancialSources.info/

Finding People
http://www.FindingPeople.info/
Games Resources
http://www.GamesResources.info/

Genealogy Resources
http://www.GenealogyResources.info/

Grant Resources
http://www.GrantResources.info/

Green Files
http://www.GreenFiles.info/

Grid, Distributed and Cloud Computing Resources
http://www.GridResources.info/

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

Information Futures Markets
http://www.InformationFuturesMarkets.com/

Information Quality Resources
http://www.InformationQualityResources.info/

International Trade Resources
http://www.InternationalTradeResources.info/

Internet Alerts
http://www.InternetAlerts.info/

Internet Demographics
http://www.InternetDemographics.info/

Internet Experts
http://www.InternetExperts.info/

Internet Hoaxes
http://www.InternetHoaxes.info/
Intrapreneurial Resources
http://www.IntrapreneuralResources.info/

Journalism Resources
http://www.JournalismResources.info/

Knowledge Discovery
http://www.KnowledgeDiscovery.info/

Military Resources
http://www.MilitaryResources.info/

New Economy Analytics, Resources and Alerts
http://www.NewEconomyAnalytics.com/

Outsourcing/Offshoring Information and Resources
http://www.OutsourcingOffshore.us/

Privacy Resources
http://www.PrivacyResources.info/

Reference Resources
http://www.ReferenceResources.info/

Research Resources
http://www.ResearchResources.info/

RestStress™
http://www.RestStress.com/

Script Resources
http://www.ScriptResources.info/

ShoppingBots
http://www.ShoppingBots.info/

Social Informatics
http://www.SocialInformatics.info/
Author Information: Marcus P. Zillman, M.S., A.M.H.A. Executive Director of the Virtual Private Library is an international Internet expert, author, keynote speaker and corporate consultant in the area of information retrieval, knowledge discovery, knowledge harvesting, artificial intelligence and bots/intelligent agents. He has created numerous world wide web sites including 54 Subject Tracer™ Information Portals and
Blogs; written a number of internet miniguides, white papers, manuals and books; hosted over 160 weekly Internet television shows, writes a weekly and monthly column on Current Awareness on the Internet; writes a monthly newsletter Awareness Watch and delivers keynote presentations throughout the international marketplace. He also actively delivers one and two day workshops for key industry sectors displaying how the Internet can be used as a tool to maintain current awareness and professional competencies.

Additional websites by Marcus P. Zillman, M.S., A.M.H.A.:

Marcus P. Zillman's Blog (20,000+ Postings)
http://www.zillman.us/

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

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

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

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

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

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

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

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

SourceSeries Internet Research Workshops
http://www.SourceSeries.com/

Watch Marcus™
http://www.WatchMarcus.com/
Research White Papers, Articles, Lectures and Speeches by Marcus P. Zillman, M.S., A.M.H.A.:

2018 Directory of Directories

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

Bots, Blogs and News Aggregators 2018
http://www.BotsBlogs.com/

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

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

Current Awareness Discovery Tools on the Internet 2018

Deep Web Research and Discovery Resources 2018 Online White Paper
http://DeepWeb.us/

eMarketing MiniGuide 2018
http://www.eMarketingMiniGuide.com/

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

Finding Experts By Using the Internet 2018
http://www.FindingExperts.info/

Finding People Resources and Sites 2018
http://www.FindingPeople.info/

Healthcare Bots and Subject Directories 2018
http://www.HealthcareBots.info/
Knowledge Discovery Resources 2018
http://www.KDResources.info/

New Economy Resources 2018
http://www.NewEconomyResources.com/

Online Research Browsers 2018
http://www.zillman.us/white-papers/online-research-browsers/

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

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

Searching the Internet 2018 – The Primer
http://www.SearchingTheInternet.info/

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

Web Data Extractors 2018
http://www.WebDataExtractors.com/

Web Guide for the New Economy 2018

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

Internet Tutor by Marcus P. Zillman, M.S., A.M.H.A.
http://www.InternetTutor.info/
Visit this site to learn about the availability of Marcus P. Zillman to tutor you or your associate one on one in the privacy of your residence or office on the latest happenings of the Internet including Internet basics to advanced Internet searching using bots and creating your own personal blog.
Internet Speaking by Marcus P. Zillman, M.S., A.M.H.A.
http://www.InternetSpeaker.net
Visit this site to learn about Marcus P. Zillman’s speaking engagements for your organization meetings and events. View and listen to his previous presentations as well as his weekly television shows.

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

Current Awareness Monitors, Alerts and Information Traps
http://www.ecurrentAwareness.com/
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, f) Business Intelligence Resources, g) Reference Resources, and h) Subject Tracer™ Information Blogs.

The Survivor’s Manual for The New Economy.
Marcus P. Zillman’s latest LinkSeries Publication is a 239 page digital read that gives excellent resources and annotated sources for the new economy analytics, alerts, ecommerce, financial sources, invisible and deep web resources, social and business networking sources along with new economy competitive and business intelligence resources and an extremely comprehensive listing of new economy online tools.