

DATABASES

PubMed, indexes over 5,000 biomedical journals worldwide and searches bibliographical citations from medicine, nursing, dentistry, veterinary medicine, and biomedical sciences. It includes links to full-text journal holdings at Rowland. Citations link to other databases such as Nucleotide and Protein Sequences, Protein Structures, Complete Genomes, Taxonomy, OMIM, and others. Years: 1966 with some older citations to 1950 included. Tutorial: <http://www.nlm.nih.gov/bsd/disted/pubmed.html>

MEDLINE is a subset of PubMed indexing 4,600 journals worldwide. It is accessed through the Ovid interface allowing for a structured search mapping to subject headings. Years: 1966 to present with some content to 1950. Help: <http://www.ovid.com/site/pdf/BASICQuickReferenceCard.pdf>

Toxnet (TOXicology Data NETwork) is a group of databases covering toxicology, hazardous chemicals, environmental health and related areas. The databases may be searched separately or collectively as specified. **TOXLINE** is the bibliographic literature database covering the biochemical, pharmacological, physiological, and toxicological effects of drugs and other chemicals. Years: 1965 to the present. It contains over 3 million citations. Help: <http://toxnet.nlm.nih.gov/help/TOXNEThelp.htm>

AGRICOLA (AGRICultural Online Access) is the catalog and index to the National Agricultural Library holdings. It covers all aspects of agriculture and related disciplines including animal and veterinary sciences, entomology, plant sciences, aquaculture and fisheries. Years: 1970 - present. Tutorial: http://www.nal.usda.gov/help/nalsitenew_viewlet_swf.html

BasicBIOSIS includes a basic core of 370 life science journals in agriculture, biochemistry, biology, genetics, medicine, neuroscience and physiology available to the end user. It includes 425,000 references and is an abridged version of BIOSIS (which has over 18 million records, 1926 to present). BIOSIS can be searched by a librarian. Years: Current and past four years. Tutorial: <http://www.oclc.org/support/training/firstsearch/tutorial/>

ISI Web of Knowledge incorporates Science Citation Index and Social Science Citation Index and accommodates searching by author, cited author, cited references, plus subject and keywords. Its Web interface includes tools such as cross-product searching, links to full text, citation and table of contents alerts, personal journal lists and bibliographic management. Science Watch provides rankings, interviews, and reports on today's most significant science.

Years: 1981 to present.

Tutorial: <http://scientific.thomson.com/tutorials/wos7/index.html>

PsycINFO incorporates Psychological Abstracts and provides access to abstracts, citations and links to Rowland's full text subscriptions in the behavioral sciences and mental health. Includes information relevant to psychologists, and related fields such as psychiatry, education, social science, neuroscience, medicine, and social work

Years: 1806

Tutorial: <http://www.ovid.com/site/pdf/APA-PsycINFO-QRC.pdf>

EMBASE is a biomedical and pharmacological database indexing 5,000 biomedical journals and includes drug research, pharmacology, toxicology, medicine, biological research, biomedical engineering and instrumentation, and substance abuse and dependence. EMBASE can be searched by a librarian.

Years: from 1974 to present

CAB Abstracts is a comprehensive file of applied life science containing all records in the 44 abstract journals published by CAB International (CABI). Covers veterinary medicine, human nutrition, horticulture, forestry, including more than 9,000 serial journals in more than 50 languages as well as books, reports, and other publications. CAB Abstracts can be searched by a librarian.

Years: 1972 to present

SEARCH ENGINES

SCIRUS is a gateway that searches over 415 million science-specific Web pages. It filters out non-scientific sites, finds peer-reviewed articles such as PDF and PostScript files, and searches a combination of web information, preprint servers, digital archives, repositories and patent and journal databases.

Google Scholar searches the scholarly literature and includes many disciplines and sources. It includes peer-reviewed papers, theses, books, abstracts and articles, from academic publishers, professional societies, preprint repositories, universities and other scholarly organizations.

Specialized Databases or gateways relevant to the 3Rs

AltWeb, the Alternatives to Animal Testing Web Site assists scientists and others seeking to conduct a search for alternative methods as a central reference point for alternative information, publications, databases, calendars, and other resources. It supports the creation and maintenance of new alternative resources as needed, and publicizes the use of alternative resources through e-mail or other outreach.

<http://altweb.jhsph.edu/index.htm>

AWIC Animal Welfare Information Center (AWIC) provides information and resources for improved animal care and use in research, testing, teaching, and exhibition. It provides literature searching, offers workshops and produces a variety of publications (AWIC Bulletin), bibliographies, and resource guides about the humane care, use and handling of animals.

<http://awic.nal.usda.gov>

CORDIS, the Community Research and Development Information Service for Science, Research and Development, is the official source of information for European research activities. It seeks to facilitate participation in European research; enhance exploitation of research results with an emphasis on sectors crucial to Europe's competitiveness; and promote the dissemination of knowledge fostering the innovation performance of enterprise and the societal acceptance of new technology. There is a database of research publications and results that can be accessed through the CORDIS library.

<http://cordis.europa.eu/library>

CRISP (Computer Retrieval of Information on Scientific Projects) is a database of federally-funded biomedical research projects, the U. S. version of CORDIS. Projects include those funded by the National Institutes of Health (NIH), Substance Abuse and Mental Health Services (SAMHSA), Health Resources and Services Administration (HRSA), Food and Drug Administration (FDA), Centers for Disease Control and Prevention (CDCP), Agency for Health Care Research and Quality (AHRQ), and Office of Assistant Secretary of Health (OASH). It offers searches for scientific concepts, emerging trends and techniques, or to identify specific projects and/or investigators.

http://crisp.cit.nih.gov/crisp/crisp_query.generate_screen

CRIS is the U.S. Department of Agriculture, Cooperative State Research, Education and Extensive Service (CSREES) documentation and reporting system for ongoing and recently completed research and education projects in agriculture, food and nutrition, and forestry. The database was authorized in 1966 to document the publicly-funded activities of the USDA/State agricultural and forestry research system. There are two levels of searching with imbedded "Help" in conducting searches.

<http://cris.csrees.usda.gov/Welcome.html>