

## LibGuide – Biology

### Biology Journals (ProQuest)

Biology Journals (ProQuest) provides access to a wide range of biology topics. The database includes just under 400 titles, with more than 325 available in full text. With thousands of articles available online, ProQuest Biology Journals includes some of the most popular information resources for users in academic, government, and public research environments.

### Biology: The eSkeletons Project

The eSkeletons Project is a website with digitized images and animations of human and primate skeletons for the study of comparative anatomy. Students can view regions of skeletons from any orientation as well as muscle and joint information. Browser plugins may be required for optimal viewing.

### MEDLINE (medical and health sciences) (at OCLC)

MEDLINE provides thousands of citations for journal articles in all areas of medicine, including dentistry and nursing. Topics include clinical medicine, dentistry, education, experimental medicine, health services administration, nursing, nutrition, pathology, psychiatry, toxicology, veterinary medicine, and more. This database corresponds to the print indexes, *Index Medicus*, *Index to Dental Literature*, and *International Nursing Index*.

### Science Journals (ProQuest)

ProQuest Science Journals is a resource for students studying both the applied and general sciences. With coverage dating back to 1986, ProQuest Science Journals features over 1,600 titles-with more than 1,270 available in full text. In full-text format, researchers have access to all the charts, diagrams, graphs, tables, photos, and other graphical elements so vital to scientific and technical literature. These journals cover hundreds of topics relating to all major fields of study, including physics, engineering, biology, astronomy, earth science, chemistry.

### Health and Medical Complete (ProQuest)

ProQuest Health and Medical Complete offers users vital clinical, biomedical, and health journals, including many indexed in MEDLINE. Clinical researchers can access high-impact titles including Lancet, New England Journal of Medicine, Nature titles and more. Conducting searches on the ProQuest platform helps derive relevant clinical data quicker; the deep indexing of records means that core research findings usually hidden in images and figures within articles come to the fore as part of researcher's search results.

## General Databases –

### Academic Search Complete

Academic Search Complete is a multi-disciplinary database, with more than 6,100 full-text periodicals, including more than 5,100 peer-reviewed journals. In addition to full text, this database offers indexing and abstracts for more than 10,100 journals and a total of 10,600 publications including monographs, reports, conference proceedings, etc. The database is updated daily and features PDF content going back as far as 1887, with the majority of full-text titles in native (searchable) PDF format. Searchable cited references are provided for nearly 1,000 journals.

This scholarly collection offers full-text coverage of information in many areas of academic study, including archaeology, area studies, astronomy, biology, chemistry, civil engineering, electrical engineering, ethnic and multicultural studies, food science and technology, general science, geography, geology, law, mathematics, mechanical engineering, music, physics, psychology, religion and theology, women's studies, and other fields.

Research Library from Proquest <http://www.galileo.usg.edu/welcome/?Welcome>

Provides one stop access to a wide range of popular academic subjects and includes full text access for thousands of titles, including scholarly journals, trade publications, magazines and newspapers.

WorldCAT <http://www.galileo.usg.edu/welcome/?Welcome>

OCLC (Online Union Catalog) is the world's most comprehensive bibliography containing millions of bibliographic records cataloged by OCLC member libraries.

Andrew College Library Books <http://voyager.andrewcollege.edu/>

This link leads to AndyCat which will lead to materials in the building.

Andrew College Journals – Journals and periodicals available in Pitts Library.

Websites – These are free web pages geared toward biology topics.

American Association of Anatomists - <http://www.anatomy.org/>

Has a large compendium of anatomy resources that include a listing of teaching resources and links to academic institutions.

American Institution of Biological Sciences - <http://www.aibs.org/about-aibs/>

Supports biological education activities and offers advice on biology textbook production. Includes links resources on bioterrorism and for research and teaching in evolution and environmental concepts.

American Ornithologists' Union - <http://www.aou.org/>

The oldest and largest organization in the world devoted to the scientific study of birds. Each year the union holds an annual meeting dedicated to the advancement of ornithological science. The AOU also offers a variety of research awards.

American Physiological Society - <http://www.the-aps.org/>

Includes links to educational programs, news, journal announcements and application deadlines. These links include a variety of information ranging from student fellowships and awards, minority programs, and general education information.

American Society for Cell Biology - <http://www.ascb.org/>

Contains a section on undergraduate lab exercises in cell biology, a list of cell biology education resources, available through related web sites, and a handy section about how to get a teaching job at a primarily undergraduate institution. See also their newsletter's listing of valuable summer research programs in biology for undergraduates.

American Society for Microbiology - <http://www.asm.org/>

The oldest and largest single life science membership organization in the world with over 42,000 members located throughout the world. Represents 25 disciplines of microbiological specialization plus a division for microbiology educators.

Federation of American Societies for Experimental Biology - <http://www.faseb.org/>

Provides a statement of principles for the "Use of Animals in Research and Education" and a series of articles, "Breakthroughs in Bioscience," explaining recent advances in biomedical research and how they benefit society. Also includes an extensive clearinghouse of career resources.

Federation of European Biochemical Societies - <http://www.febs.org/>

One of the largest organisations in European life sciences. Seeks to promote, encourage and support biochemistry, molecular cell biology, molecular biophysics as well as related areas throughout Europe in a variety of different ways.

International Society for Computational Biology - <http://www.iscb.org/>

Dedicated to advancing the scientific understanding of living systems through computation, with emphasis on the role of computing and informatics in advancing molecular biology. T

Society for In Vitro Biology - <http://www.sivb.org/>

Founded in 1946 as the Tissue Culture Association to foster exchange of knowledge of in vitro biology of cells, tissues, and organs from both plants and animals (including humans). Focus is on biological research, development, and applications of significance to science and society.

Society for Neuroscience - <http://www.sfn.org/>

Mission is to advance the understanding of the brain and the nervous system, provide professional development resources for neuroscientists, promote public information and general education about the nature of scientific discovery, and inform legislators of research implications.