About our Subject Guides
Each page is dedicated to the subject areas covered by the courses offered here at RPCC. Each lists various types of resources, including printer-friendly guides and handouts, suggested databases for research, selected e-books and books in our collection, and links to relevant online resources. These resources are only a sample of what may be available.

What’s On Our Shelves?
Where to Look? Browse these call numbers
- QH 1 to QH 705.5 – Natural history -- Biology.
  - QH 301 to QH 705.5 – Biology (General).
    - QH 359 to QH 425 - Evolution.
    - QH 540 to QH 549.5 - Ecology.
- QK 1 to QK 989 - Botany.
- QL 1 to QL 991 - Zoology.
- QM 1 to QM 695 – Human anatomy.
- QP 1 to QP 981 - Physiology.
- QR 1 to QR 502 - Microbiology.
- RA 773 to RA 788 – Medicine: Personal health and hygiene, including nutrition.

Selected Books in the Library

General Reference
- *Magill's Survey of Science: Life Science Series*
- *Schaum’s A – Z Biology*
  Call number: QH 302.5 .I535 2003
- *World of Biology*
  Call number: QH 302.5 .W67 1999, a comprehensive encyclopedia that includes entries on important topics and biographies.

Special Topics
- *Basic Concepts in Cell Biology and Histology: A Student’s Survival Guide*
  Call number: QH 581.5 .M33 2000
  Call number: QR 41.2 .B77 2000
- *Encyclopedia of Environmental Biology*
  Call number: QH 540.4 .E52 1995 REF, in 3 volumes.
- *Encyclopedia of Human Nutrition*
  Call number: QP 141 .E526 1999 REF, in 3 volumes.
  Call number: QH 361 .R874 2008 REF
• *A History of the Life Sciences*
  Call number: QH 305 .M22 1994

• *Human Anatomy and Physiology: Based on Schaum’s Outline of Theory and Problems of Human Anatomy and Physiology*
  Call number: QP 41 .H927 2001

• *The Variety of Life: A Survey and Celebration of All the Creatures That Have Ever Lived*
  Call number: QH 83 .T84 2000

Selected Journals, Magazines, & Newspapers

• *Natural History*
• *Nature* (back issues)
• *Scientific American*
• *Smithsonian*

Suggested E-Books
The eBook Collection from EBSCOhost is our largest provider of e-books (electronic copies of printed books in PDF format), available 24 hours a day, 7 days a week. eBook Collection has an easy-to-use search interface. You will be prompted to login with your Library User ID or Alt. ID, and your PIN to access these e-books from off-campus.

General Reference

• *Thinking about Biology*, 2003, by Stephen Webster.

Special Topics

• *Microbiology Demystified*, 2005, by Tom Betsy.

Visit our eBook Collections page for links to eBook Collection from EBSCOhost and other e-book collections.

Suggested Databases
The following databases may be accessed from our Databases webpage or from this subject guide webpage. Please note that access from off-campus will require your Library User ID (or Alt ID) & PIN. See our page, How to Access Resources for more information.

• *Academic Search Complete* – Provides full-text articles from more than 5,500 multi-disciplinary, scholarly journals and publications.
• *Biography in Context* – Provides biographies, magazine articles, images, and website links for more than 900,000 people; searchable by name, occupation, etc.
• *Biological Abstracts 1969 - Present* – Provides bibliographic references to biomedical and life science journal literature published in over 4,000 international journals from 1969 to present. Limited full-text articles.
• *Environmental Index* – Provides indexing and abstracts for over 1,600 international journals and books pertaining to the environment. Includes a thesaurus. NOTE that this database is not FULL-TEXT.
- **Health Source: Nursing/Academic Edition** – 550 journals in health disciplines, plus drug information.
- **JSTOR – The Scholarly Journal Archive** – Provides a multi-disciplinary archive of scholarly journals and other resources across the humanities, social sciences and sciences.
- **Oxford Reference** – Provides full-text access to many subject dictionaries and encyclopedias, maps, timelines, and more. Uses a unique login; see RPCC Library Services under RPCC Support in Moodle, or stop by the Library for more information.
- **ProQuest Nursing & Allied Health Source** – Information from leading nursing & allied health publications.
- **Salem Science** – Full-text reference sources, including *Encyclopedia of Global Resources*.
- **Science and Technology Collection** – Provides full-text articles from over 800 scientific and technical journals, and abstracts from 1,700 other science periodicals.

Please note that when accessing the databases from off-campus, you will be prompted to login.

**Suggested Websites**
The following resources have been reviewed and selected in collaboration with relevant faculty. Please note that websites outside of RPCC are beyond our control. We strive to ensure that the sites that we recommend are reliable and valid sources of high-quality information. Please let us know if you find any consistently dead links.

**General Reference**
- **Encyclopedia of Life**, [http://www.eol.org/home.html](http://www.eol.org/home.html); EOL is an ambitious project to organize and serve as an online reference source and database for every one of the 1.8 million known species. Contributors are experts and all information is reviewed. This resource is constantly being updated.
- **Smithsonian Science**, [http://smithsonianscience.org/](http://smithsonianscience.org/); Includes information on topics in climate change, conservation biology, and more! Includes videos. Also see these related Smithsonian programs:
  - **Caribbean Coral Reef Ecosystems Program**, [http://www.ccre.si.edu/index.html](http://www.ccre.si.edu/index.html)
  - **Smithsonian Conservation Biology Institute**, [http://nationalzoo.si.edu/SCBI/](http://nationalzoo.si.edu/SCBI/)
  - **Smithsonian Environmental Research Center**, [http://www.serc.si.edu/](http://www.serc.si.edu/)
  - **Smithsonian Tropical Research Institute**, [http://www.stri.si.edu/](http://www.stri.si.edu/)
- **A Tree of Life**, [http://www.sciencemag.org/feature/data/tol/](http://www.sciencemag.org/feature/data/tol/); from the journal, *Science*, Tree of Life Special Issue; this online version of the diagram includes links to a variety of resources, including definitions, photos, etc., from various sources..

**Special Topics**
- **American Society for Microbiology**, [http://asm.org/](http://asm.org/), offers numerous resources including online publications, news, articles, and images. Note: Some resources may require membership/login or are available for purchase.
- **BMC Microbiology**, [http://www.biomedcentral.com/bmcmicrobiol/](http://www.biomedcentral.com/bmcmicrobiol/), "is an open access journal publishing original peer-reviewed research articles" in microbiology.
- **CELLS alive!** [http://www.cellsalive.com/index.htm](http://www.cellsalive.com/index.htm), includes numerous interactive illustrations and animations, video, and more.
The eSkeletons Project, http://www.eskeletons.org/, "is devoted to the study of human and primate comparative anatomy. It offers a unique set of digitized versions of skeletons in 2-D and 3-D in full color, animations, and much supplemental information."

Food and Nutrition Collection, http://riley.nal.usda.gov/nal_display/index.php?info_center=8&tax_level=1&tax_subject=2, of the USDA’s National Agricultural Library, http://www.nlm.nih.gov/, includes links to various resources, such as research articles, related articles, tools, etc.

IUCN: International Union for Conservation of Nature, www.iucn.org, includes publications, videos, images, and more. Also see the IUCN Red List of Threatened Species, http://www.iucnredlist.org/, which fosters research and understanding of the world’s ecosystems and the threats that they face.

MedlinePlus: Nutrition, http://www.nlm.nih.gov/medlineplus/nutrition.html, from the National Library of Medicine, http://www.nlm.nih.gov/, includes links to various resources, such as research articles, related articles, tools, etc.

Todar's Online Textbook of Bacteriology, http://www.textbookofbacteriology.net/index.html, an online textbook by Kenneth Todar, Ph.D., from the University of Wisconsin.

U. S. Fish & Wildlife Service, http://www.fws.gov/, offers information and resources on conservation, endangered species, habitats, etc.; includes an extensive image database.


WebAnatomy, http://msjensen.cehd.umn.edu/webanatomy/, "a collection of study aids for entry-level anatomy and physiology students" from the University of Minnesota; includes self tests, timed tests, interactive activities and an image bank, along with links to other numerous resources.

Resources outside of RPCC Library are beyond our control. We strive to ensure that our links function and that the resources we recommend are reliable and valid sources. Please let us know if you experience any problems accessing our resources or find any dead links; you may e-mail us at Library@rpcc.edu or use our contact form on our website.