This is a selected guide to resources held in the Coleman Library to support microbiology. To locate any of the listed materials, consult the online catalog or ask the librarian.

**Classification of Material:**

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-502</td>
<td>Microbiology</td>
</tr>
<tr>
<td>1-74.5</td>
<td>General</td>
</tr>
<tr>
<td>75-99.5</td>
<td>Bacteria</td>
</tr>
<tr>
<td>99.6-99.8</td>
<td>Cyanobacteria</td>
</tr>
<tr>
<td>100-130</td>
<td>Microbial ecology</td>
</tr>
<tr>
<td>171</td>
<td>Microorganisms in the animal body</td>
</tr>
<tr>
<td>180-198.5</td>
<td>Immunology</td>
</tr>
<tr>
<td>355-502</td>
<td>Virology</td>
</tr>
</tbody>
</table>

**SELECTED RESOURCES**

**DICTIONARIES/ENCYCLOPEDIAS**

[Coleman – Reference QR100.S74 2003]

**DATABASES**

Academic OneFile
Academic OneFile is the premier source for peer-reviewed, full-text articles from the world's leading journals and reference sources. With extensive coverage of the physical sciences, technology, medicine, social sciences, the arts, theology, literature and other subjects. Authoritative and comprehensive.

Agricultural & Environmental Biotechnology Abstracts
The journal covers agricultural products involving both plants and animals, new applications across the food industry, and wide-ranging environmental developments.
**Algology, Mycology & Protozoology Abstracts (Microbiology C)**
Coverage includes reproduction, growth, life cycles, biochemistry, genetics, and infection and immunity in man, other animals, and plants.

**Applied Science & Technology Full Text**
Periodical coverage includes trade and industrial publications, journals issued by professional and technical societies, and specialized subject periodicals, as well as special issues such as buyers’ guides, directories, and conference proceedings.

**Bacteriology Abstracts (Microbiology B)**
The well-rounded, medically-oriented coverage in Bacteriology makes it possible for researchers and clinicians to keep up with the constant changes in this explosive field.

**BioEngineering Abstracts**
Deals with medical and biological applications of engineering knowledge. Provides access to international research on all aspects of biochemical and microbial technology as applied to bioengineering.

**Biological & Agricultural index Plus**
The database includes abstracts and full text coverage for selected journals. Periodical coverage includes a wide range of scientific journals, from popular to professional, that pertain to biology and agriculture.

**Biological Sciences**
This interdisciplinary database offers abstracts and citations to a wide range of research in biomedicine, biotechnology, zoology and ecology, and some aspects of agriculture and veterinary science.

**Biological Sciences & Living Resources**
For scientists involved in the cooperative management of the world's living aquatic resources, ASFA 1 provides extensive coverage of basic and applied research on aquatic organisms.

**Biology Digest (CSA)**
Biology Digest is a compilation of abstracts and indexes of domestic and international literature in the area of life sciences.

**Biomedical Journals**
Full text access to 32 biomedical journals. Coverage is from 1993 to the present for the New England Journal of Medicine and from 1995 to the present for all others.
Biotechnology & Bioengineering Abstracts
This database provides bibliographic coverage of ground-breaking research, applications, regulatory developments and new patents across all areas of biotechnology and bioengineering, including medical, pharmaceutical, agricultural, environmental and marine biology.

Elsevier Science Journals
The Elsevier Science Journals Database is the electronic full text version of approximately 650 of Elsevier's traditional research journals. Journals in the fields of: Chemistry and Chemical Engineering; Clinical Medicine; Computer Science; Earth and Planetary Sciences; Economics, Business and Management Sciences; Engineering and Technology; Environmental Science; Life Sciences; Materials Science; Mathematics; Physics; Social Sciences.

General Science Full Text
Periodical coverage includes popular science magazines as well as professional journals in the fields of Astronomy, Atmospheric Science, Biology, Botany, Chemistry, Conservation, Earth Science, Environment, Food, Genetics, Health, Mathematics, Medicine, Microbiology, Nutrition, Oceanography, Physics, Physiology, and Zoology.

Kluwer Journals Online
Full text of 600+ of Kluwer's research journals (most since 1997) covering a wide range of scientific disciplines, including mathematics, information science, economics, and business. Adobe Acrobat plug-in is required to view the PDF format full text articles.

Marine Biotechnology Abstracts
In marine biotechnology, molecular biology and molecular genetics are applied specifically to marine and aquatic organisms.

Microbiology Abstracts
From basic biochemistry to the genetics, immunology and ecology of microorganisms, this database provides comprehensive coverage of research in microbiology and related fields...

Ocean Technology, Policy & Non-Living Resources
Coverage spans the wide-ranging fields of oceanography: physical, descriptive, dynamical, chemical, geological, and biological aspects are extensively examined, as well as limnology, ocean engineering, and specific resources.

Oceanic Abstracts
Oceanic Abstracts is focused exclusively on worldwide technical literature pertaining to the marine and brackish-water environment... The journal focuses on marine biology and physical
oceanography, fisheries, aquaculture, non-living resources, meteorology and geology, plus environmental, technological, and legislative topics.

**OmniFile Full Text Mega Edition**

**Proquest Dissertations & Theses**
The ProQuest Dissertations & Theses database (PQDT) is the world's most comprehensive collection of dissertations and theses.

**ProQuest Science Journals**
ProQuest Science Journals is a definitive resource for students studying both the applied and general sciences

**ScienceDirect**
The ScienceDirect Database is the electronic full text version of approximately 650 of Elsevier's traditional research journals. Journals in the fields of: Chemistry and Chemical Engineering; Clinical Medicine; Computer Science; Earth and Planetary Sciences; Economics, Business and Management Sciences; Engineering and Technology; Environmental Science; Life Sciences; Materials Science; Mathematics; Physics; Social Sciences.

**Web of Science**
Articles, abstracts, and citations from Citation Index, Social Science Citation Index, and Arts & Humanities Citation Index

**Wiley Interscience Journals**
Full text of over 300 leading scientific, technical, medical, and professional journals, plus major reference works and the acclaimed Current Protocols laboratory manuals.

**GOVERNMENT DOCUMENTS**

Francy, Donna S. *Escherichia Coli at Ohio Bathing Beaches: Distribution, Sources, Wastewater Indicators, and Predictive Modeling.* [Federal Documents I19.42/4:02-4285].
[Federal Documents Y1.1/5:108-203].

**PRINT AND ELECTRONIC BOOKS**

Adler, Robert E. *Medical Firsts: From Hippocrates to the Human Genome.*  
[Coleman R133.A43 2004]

Atlas, Ronald M. *Handbook of Media for Environmental Microbiology.*  
[Coleman QR66.3.A848 2005]

Bewley, Carole. *Protein-Carbohydrate Interactions in Infectious Diseases.*  
[Coleman QP552.G59 B48 2006]

Black, Maggie, and Ben Fawcett. *The Last Taboo: Opening the Door on the Global Sanitation Crisis.*  
[Coleman RA567.B63 2008]

Buller, Nicky B. *Bacteria from Fish and Other Aquatic Animals: A Practical Identification Manual.*  
[NetLibrary]

[Coleman QR41.2.B88 2004]

[NetLibrary]

[NetLibrary]

[NetLibrary]

Toy, Eugene C. *Microbiology.*  
[NetLibrary]
Vicente, Miguel. *Molecules in Time and Space: Bacterial Shape, Division, and Phylogeny.* [NetLibrary]

**PRINT AND ELECTRONIC JOURNAL ARTICLES**

**BMC microbiology**  
from 2001 to present in [Directory of Open Access Journals](http://www.asm.org/education/index.asp)

**FEMS microbiology, ecology**  

**Microbiology (New York)**  
from 2000 to present in [Kluwer Journals Online](http://www.asm.org/education/index.asp)

**Microbiology Insights**  
from 2008 to present in [Directory of Open Access Journals](http://www.asm.org/Education/index.asp?bid=4322)

**Microbiology and immunology**  
from 2001 to 2007 in [Directory of Open Access Journals](http://www.asm.org/Education/index.asp)

**Microbiology today**  
from 02/01/1999 to present in [Freely Accessible Science Journals](http://www.asm.org/Education/index.asp?bid=4322)

**ONLINE RESEARCH**

**American Society for Microbiology - Education**  

**ASM's Microbiology Undergraduate Research Fellowship (MURF)**  

**Microbiology. A Resource for Research Microbiologists**  

**Microbiology Research Links**  
[http://daphne.palomar.edu/galderson/microlinks.htm](http://daphne.palomar.edu/galderson/microlinks.htm)

DM/2009