

**Subject Specialists Librarians  
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The John B. Coleman Library Reference & Information Services Department:  
from left to right - Bob Grundy, Kimberly Gay, Steve Shaw, Yubao Li, and  
Chieko Sato.

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**Instruction Sessions  
Available for Your Class**

- How to use the Library Catalog. How to find books, journals and other resources that the library owns.
- Library Use policies, physical layout of the library
- General interest databases. Like ProQuest, EbscoHost, JStor etc. Searching basics.
- Subject specific databases: Math Review, ChemVillage, Science Direct, Avery Index, etc.
- Citation styles APA, MLA, and other citation styles
- Newspaper, magazines vs. journals. Differences between primary and secondary sources.
- Evaluating resources: Online resources and traditional resources evaluation.
- Locating full-text when you only have a citation: E-Journals searching and locating a particular item through a citation
- Building a search strategy: Broadening or narrowing a search through building search blocks; identifying key-words. Boolean logic.
- Copyright and Plagiarism: Ethical use of information

**Make Time for Research @ The Library**

Drop in and stop by the John B. Coleman Library, Room 108 every Thursday at 4 pm. There will be a live librarian to help on common topics you may encounter in doing your research here at the university, including (but certainly not limited to) how to find a book in the online catalog, how to find an article in the database and website evaluation.



No appointment is needed; classes are welcome as are interested individuals.

Question? (936) 261-1535  
Askalibrarian@pvamu.edu



*John B. Coleman Library*



# Chemistry Resources

@  
**John B. Coleman Library**



**Dr. Rosie L. Albritton**  
**Director of Library Services**

John B. Coleman Library  
Prairie View A&M University

Information Services (936) 261-1535  
Askalibrarian@pvamu.edu  
<http://www.pvamu.edu/Library>

## Find Articles

Full length journal, magazine and newspaper articles can be found in our online article collections.

If a book or article cannot be found in PVAMU's resources, it can usually be borrowed from another library. Fill out the Interlibrary Loan form, and please note that it may take several weeks to receive the item.

## Find Books

Search the PVAMU Libraries Online Catalog for "chemistry". Most of the books on Chemistry that can be checked out are located on the third floor of the Library in the QD section. The following generic subject keywords may help when you are searching the catalog:

## Print Reference Resources

You'll find useful statistics and background information in these following reference books, which are located on the first floor of the library in the Reference department:

- **Encyclopedia of chemistry**  
*QD4 .R57 2005*
- **Chemistry : foundations and applications**  
*QD4 .C48 2004*
- **World of chemistry**  
*QD 33 W873 2000*
- **CRC handbook of chemistry and physics : a ready-reference book of chemical and physical data**  
*QD65 .H236 2000*
- **Lange's handbook of chemistry**  
*QD65 .L36 1999*
- **Cracking the GRE chemistry subject test** *QD42 .C794*

## Websites

The Internet is an excellent resource, but it is often difficult to locate what you need. To begin your search, you might try some of the following websites:

- eMolecules  
*http://www.emolecules.com* is designed specially for chemical search. It can be searched by text or draw a structure.
- Named Reactions in Organic Chemistry -  
*http://orgchem.chem.uconn.edu/namereact/named.html*
- Reaction Index: Name Reactions in Organic Chemistry  
*http://www.pmf.ukim.edu.mk/PMF/Chemistry/reactions/rindex.htm* (Many chemical reactions are known by the names of the scientists who discovered the reactions. Named Reactions in Organic Chemistry and Reaction Index: Name Reactions in Organic Chemistry are lists of such reactions in organic chemistry.)
- NIST Chemistry WebBook  
*http://webbook.nist.gov/chemistry/* (NIST Chemistry WebBook is a database provides thermochemical, thermophysical, and ion energetics data compiled by National Institute of Standards and Technology (NIST) under the Standard Reference Data Program. )
- American Chemical Society  
*http://www.acs.org* (Website of American Chemical Society.)
- American Institute of Chemical Engineers  
*http://www.aiche.org/* (This is the official Website of American Institute of Chemical Engineers.)
- Yahoo! Chemistry Organizations -  
*http://dir.yahoo.com/Science/Chemistry/Organizations/* (This is a directory of Websites of chemistry organizations.)

- Sheffield Chemdex  
*http://www.chemdex.org/* (This is a directory of thousands of chemistry Websites maintained by Dr. Mark J. Winter of Department of Chemistry of University of Sheffield.)
- WebElements  
*http://www.webelements.com/* (WebElement is the periodical table on the web. The **periodic table** of the chemical elements is an arrangement of the elements ordered by atomic number in columns (**groups**) and rows (**periods**) so as to emphasize their **periodic properties**. Every element on the table is a link to the properties of that particular element.)
- WWW Virtual Library: Chemistry  
*http://www.liv.ac.uk/Chemistry/Links/links.html* (Contains over 8,000 links . It lists Websites of university chemistry departments, companies and industry, chemical literature, organizations, topics and other chemistry related information.)



If you need research help or have any questions, call the subject specialist:

Yubao Li, Reference and Instruction Librarian  
(936) 261-1518 - [yli@pvamu.edu](mailto:yli@pvamu.edu)

or

Email A Librarian at  
[Askalibrarian@pvamu.edu](mailto:Askalibrarian@pvamu.edu)