

August 2007

Beyond the Chemistry Web

Bob Buchanan

Follow this and additional works at: <https://jdc.jefferson.edu/scitechnews>

 Part of the [Physical Sciences and Mathematics Commons](#)

[Let us know how access to this document benefits you](#)

Recommended Citation

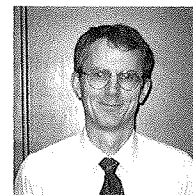
Buchanan, Bob (2007) "Beyond the Chemistry Web," *Sci-Tech News*: Vol. 61: Iss. 3, Article 10.
Available at: <https://jdc.jefferson.edu/scitechnews/vol61/iss3/10>

This Article is brought to you for free and open access by the Jefferson Digital Commons. The Jefferson Digital Commons is a service of Thomas Jefferson University's [Center for Teaching and Learning \(CTL\)](#). The Commons is a showcase for Jefferson books and journals, peer-reviewed scholarly publications, unique historical collections from the University archives, and teaching tools. The Jefferson Digital Commons allows researchers and interested readers anywhere in the world to learn about and keep up to date with Jefferson scholarship. This article has been accepted for inclusion in *Sci-Tech News* by an authorized administrator of the Jefferson Digital Commons. For more information, please contact: JeffersonDigitalCommons@jefferson.edu.

Beyond the Chemistry Web ...

Bob Buchanan, Physical Sciences Librarian, Auburn University

Feel free to send recommendations to me at buchara@auburn.edu.



FUN

- Science with an attitude – anyone who has ever worked in a lab ought to be amused by the 74 badges of the **Order of the Science Scouts of Exemplary Repute and Above Average Physique**. Warning: some of the humor is a bit off-color.
<http://www.scq.ubc.ca/sciencescouts>
- Want to listen to an audio version of an out-of-copyright book? Search **LibriVox**. The subtitle says it all: "acoustical liberation of books in the public domain."
<http://librivox.org>

GENERAL

- Two wikis combine the open participation of www.wikipedia.org with some oversight. **Scholarpedia** offers signed articles that are curated by (gasp) a subject expert. **Citizendium** uses a similar approach with editors.
<http://www.scholarpedia.org>
<http://www.citizendium.org>
- View a growing collection of free video podcasts from **TED: Ideas worth spreading**. The site covers a range of perspectives within the broad topics of technology, entertainment, and design.
<http://www.ted.com/index.php>
- More than "simply ... another list of library websites", **libSite.org: A Recommendation Service for Library-related Websites** aims to "explore different arrangements and combinations that the current state of our technology makes possible." It is worth a look.
<http://libsite.org>

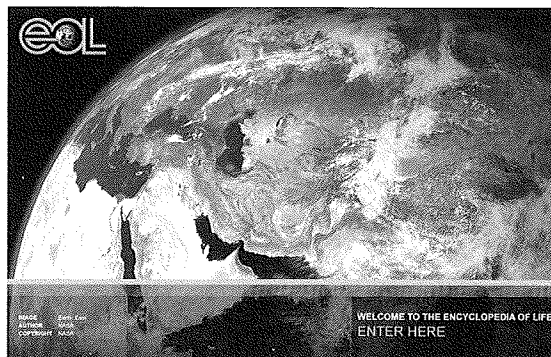
GENERAL SCIENCE

- Is it too cloudy or bright where you live to see the stars? At **WIKISKY.ORG** browse the sky outside our solar system with over one-half billion astronomical objects found by the Sloan Digital Sky Survey (SDSS). Clicking on an object gives more information. Zooming

in and out of an object is almost compelling as Google Earth.

<http://www.wikisky.org>

- With an official launch date in mid-2008, the **Encyclopedia of Life** plans to be the encyclopedia of species, ultimately covering over 1.8 million named species. You can get an idea of the scope of the project and the type of content envisioned at the demonstration pages.
<http://www.eol.org>



- At **Inventors and Inventions**, browse categories of inventors and inventions.
<http://www.enchantedlearning.com/inventors>

CHEMISTRY

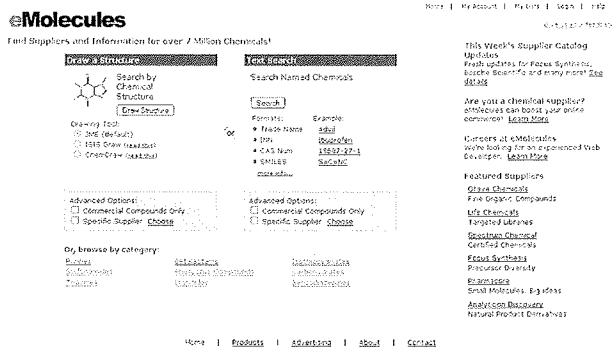
- Check out **Depth-First: Walking the Web of Chemical Informatics**, a thoughtful blog for Chemical Informatics. The author Rich Apodaca, a Blue Obelisk participant, includes some article-like pieces.
<http://depth-first.com>
- Dr. David R. Lide, editor of the CRC Handbook of Chemistry and Physics, has provided a list of **Tables Relocated or Removed from CRC Handbook of Chemistry and Physics, 71st through 87th Editions**.
http://www.indiana.edu/~cheminfo/CRC_Tables_relocated_or_removed_2007.htm
- See **CHEMBIOGRID: Chemistry Databases on the Web** for an annotated list of chemistry databases (most free). The list is maintained by the Chemical Informatics &

Cyberinfrastructure Collaboratory (CICC) at Indiana University.

<http://www.chembiogrid.org/related/resources/databases.html>

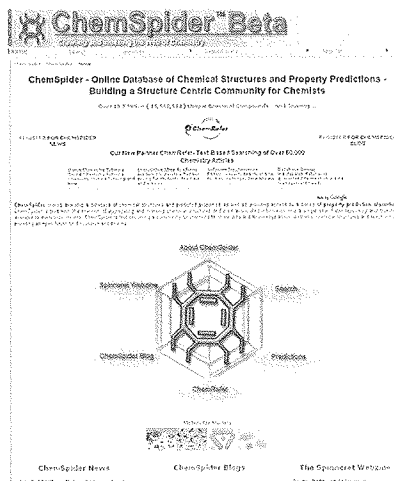
- Search **eMolecules** by keyword, exact structure, or substructure. Results include links to selectable commercial suppliers, the NIST Chemistry Webbook, PubChem, and the Drug Bank. It appears to compete with ChemFinder.com.

<http://www.emolecules.com>



- Still in beta, **ChemSpider – Database of Chemical Structures and Property Predictions** ambitiously aims to be a free searchable database of chemistry structures that consolidates access to information in open and commercial chemical databases. See the link for Data Sources for a list of participants.

<http://www.chemspider.com> ❖



The Chamberlain Observatory at the University of Denver. Taken during the tour sponsored by the Physics-Astronomy-Math Division.