

The Journal of Visualized Experiments (JoVE): An Interesting Free Resource for Teaching Science

The Journal of Visualized Experiments is a new open access resource for the life sciences. Here, researchers can visually show through video what can be difficult to describe in an article and therefore, difficult for other science researchers to replicate. To date, five issues have been published since December 2006, and videos from these issues are broadly categorized as Neuroscience, Developmental Biology, Cellular Biology, Microbiology, and Plant Biology. Keywords are also assigned to videos so that you can search using a term of your choice. Some videos have audio, while others do not. Interviews with researchers are also included.

Here are a few examples of what you can find there:

Denaturing Gradient Gel Electrophoresis (DGGE)

<http://www.jove.com/Details.htm?ID=164&VID=115> A good demonstration of this technique.

ES cell-derived neuroepithelial cell cultures

<http://www.jove.com/Details.htm?ID=118&VID=128> No audio on this one, but still visually demonstrates techniques that would be hard to describe in words.

Ole Isacson: development of new therapies for Parkinson's disease (interview)

<http://www.jove.com/Details.htm?ID=189&VID=152> *For a biology senior seminar student interested in Parkinson's treatments, this interview might provide information that could help them target specific cellular mechanisms in which to investigate for their presentation.

Preventing the Spread of Malaria and Dengue Fever Using Genetically Modified Mosquitoes

<http://www.jove.com/Details.htm?ID=231&VID=211>

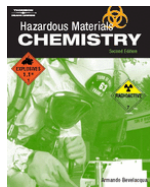
These videos have "bookmarks" embedded within them, so you can easily skip through to whatever portion of the video that is important to you. You also have the ability to rate these videos and leave comments. Visit the site at <http://www.jove.com/>.

Chemical Information Instructional Materials Available

An updated [Wiki](#) version of the Clearinghouse for Chemical Information Instructional Materials (CCIIM) has been created.

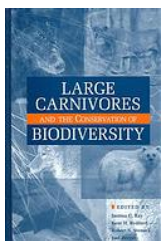
This Wiki can be a very helpful place for researchers or students. There are many links to great resources on a variety of topics.

New Science Books at Helmke Library



Bevelacqua, A.S. **Hazardous Materials Chemistry**. Thomson Delmar Learning, 2006. (Stacks QD33 .B48 2006).

Written from the perspective of those who respond to hazardous situations, this book might be useful for a non-science major trying to understand basic chemistry and toxicology.



Ray, J.C. **Large Carnivores and the Conservation of Biodiversity**. Island Press, 2005. (Stacks QL737.C2 L34 2005).

This work explores the factors in both marine and terrestrial ecosystems that threaten the world's largest predators.

Stephanie Schulte, Reference & Information Services Librarian

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Questions or comments? Send e-mail to: schultes@ipfw.edu or call 481-6502