

# What's New at Parks Library?

## March 2011

I hope everyone's semester is going well. Spring break is just around the corner. I have a few announcements regarding the ISU library's institutional memberships to Biomed Central and the Public Library of Science and new resources at the library. Keep reading for the details! -- Andrea Dinkelman (Email: [adinkelm@iastate.edu](mailto:adinkelm@iastate.edu))

### **NEW!!!! --- Biomed Central and Public Library of Science Institutional Memberships**

**Are you considering publishing an article in a Biomed Central or Public Library of Science journal? If so, as an Iowa State University faculty member you are now entitled to a discount on the article processing charges.**

The Iowa State University library has paid for institutional memberships to Biomed Central (BMC) and the Public Library of Science (PLoS). Both of these publishers utilize the open access publishing model. Articles published in open access journals are freely accessible on the Internet without a journal subscription. There are currently 213 peer-reviewed journals in the BMC collection, and seven peer-reviewed journals in the PLoS collection. **The BMC "Supporter" membership entitles ISU authors to a 15% discount on the article processing charge.** The article processing charges vary for BMC journals. For example, the charge is \$675 for *Veterinary Research* and \$2520 for *Genome Biology*. **The PLoS institutional membership entitles authors to a 10% discount.** Publication fees range from \$1350 for *PLoS ONE* to \$2900 for *PLoS Biology* and *PLoS Medicine*.

For more information, consult the publishers' websites:

**Biomed Central:** <http://www.biomedcentral.com/>

About BioMed Central: <http://www.biomedcentral.com/info/>

BioMed Central Publications: <http://www.biomedcentral.com/browse/journals/>

Information for Authors: <http://www.biomedcentral.com/info/authors/>

Article Processing Charges: <http://www.biomedcentral.com/info/authors/apcfaq>

Impact Factor Information: <http://www.biomedcentral.com/info/authors/faq?name=impactfactor>

**Public Library of Science:** <http://www.plos.org/>

About PLoS: <http://www.plos.org/about/index.php>

PLoS Publications: <http://www.plos.org/journals/index.php> Includes links for submitting articles to each journal.

PLoS Publication Fees: <http://www.plos.org/journals/pubfees.php>

Search all PLoS journals: <http://www.plos.org/search.php>

## Searching for laboratory protocols or methods?

The ISU Library offers researchers in the biomedical and life sciences a variety of resources that contain protocols and techniques. The most recent additions are online subscriptions to:

- *Cold Spring Harbor Protocols* – Published monthly. “*Cold Spring Harbor Protocols* is an interdisciplinary journal providing a definitive source of research methods in cell, developmental and molecular biology, genetics, bioinformatics, protein science, computational biology, immunology, neuroscience and imaging.”
- *Current Protocols in Cytometry*
- *Current Protocols in Bioinformatics*
- *Current Protocols in Molecular Biology*

For more information about laboratory methods and protocols, consult the library research guide, [Laboratory Protocols & Methods](#).

## Search Tips for *Current Protocols*

The following screenshot is from *Current Protocols in Bioinformatics*; other *Current Protocols* have the same format.

The screenshot shows the Wiley Online Library interface for the book 'Current Protocols in Bioinformatics'. The page includes a navigation menu on the left with sections like 'BOOK TOOLS', 'BOOK MENU', 'FIND ARTICLES', 'GET ACCESS', 'FOR CONTRIBUTORS', 'ABOUT THIS BOOK', and 'SPECIAL FEATURES'. The main content area features a search bar with a dropdown menu set to 'All content' and a 'Search in this Book' button. Below the search bar, there is a list of units with their respective abstracts and full text links. The units listed are: Unit 1.19 Searching NCBI's dbSNP Database, Unit 9.13 Setting Up the JBrowse Genome Browser, Unit 11.6 RNA-Seq Read Alignments with PALMapper, and Unit 11.7 Aligning Short Sequencing Reads with Bowtie. The page also includes a copyright notice and a promotional message about online subscriptions.

There are several ways to search that, at first glance, may not be obvious. On the left-hand sidebar, under “Find Articles” you can browse “Articles by Topic” or browse the “Table of Contents.” On the right-hand side of the page, there is a search box. I advise you to use the “Search in this Book” link. If you use the search box, you’ll be searching ALL content within the Wiley Online Library.

### Selected New Titles

CALL NUMBER	TITLE
QH323.5 K87 2011	<a href="#">Exercises and solutions in biostatistical theory /</a>
QH323.5 L645 2010	<a href="#">Biostatistical design and analysis using R : a practical guide /</a>
QH323.5 N474 2010	<a href="#">New perspectives in mathematical biology /</a>
QH323.5 S58 2011	<a href="#">Dynamical systems and population persistence /</a>
QH323.5 S67 2010	<a href="#">Statistical and evolutionary analysis of biological networks /</a>
QH324.2 D49 2011	<a href="#">Bayesian modeling in bioinformatics /</a>
QH324.2 F76x 2010	<a href="#">Frontiers in computational and systems biology /</a>
QH324.2 H33 2011	<a href="#">Practical computing for biologists /</a>
QH390 .E96 2010	<a href="#">Evolution after gene duplication /</a>
QH438.4 B55 J35x 2010	<a href="#">The handbook of biomarkers /</a>
QH438.5 S65 2011	<a href="#">Phenotypic variation : exploration and functional genomics /</a>
QH438.7 N38 2010	<a href="#">Nature after the genome /</a>
QH445.2 .D368 2010	<a href="#">The \$1,000 genome : the revolution in DNA sequencing and the new era of personalized medicine /</a>
QR189 V272 2009	<a href="#">Vaccines : a biography /</a>
QR201 A6 J66 2010	<a href="#">Death in a small package : a short history of anthrax /</a>
QR201 B34 M53 2010	<a href="#">Microbial endocrinology : interkingdom signaling in infectious disease and health /</a>
QR482 R53x 2010	<a href="#">RNA interference and viruses : current innovations and future trends /</a>
SF140 L58 C339x 2010	<a href="#">CAFO (concentrated animal feeding operation) : the tragedy of industrial animal factories /</a>
SF285.35 B76 2010	<a href="#">Horse business management : managing a successful yard /</a>
SF287 M4426 2010	<a href="#">Equitation science /</a>
SF454 N88 2010	<a href="#">Nutrition of the rabbit /</a>
SF487 .S74 2011	<a href="#">Poultry science, chicken culture : a partial alphabet /</a>
SF487 S43 2009	<a href="#">Popular poultry breeds /</a>
SF85 H56 2011	<a href="#">Range management : principles and practices /</a>
SF85 L37x 2010	<a href="#">Large-scale livestock grazing : a management tool for nature conservation</a>
SF95 C4634 2010	<a href="#">Comparative animal nutrition and metabolism /</a>
SF98 M5 U5 2010	<a href="#">Mineral nutrition of livestock /</a>
SF99 D5 V36x 2009	<a href="#">Processing of wet distiller's grains to optimize quality for ruminants /</a>