

What's New at Parks Library?

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

New Electronic Journals!

[American Journal of Enology & Viticulture](#) – Note: As of 3/10/2011, this journal is only available on campus. It should be available for off-campus access soon; the journal is in the final stages of being added to the library catalog.

[Journal of Agriculture, Food Systems, and Community Development](#) -- Note: This journal is only available on campus; the publisher does not allow remote access.

“The *Journal of Agriculture, Food Systems, and Community Development* (JAFSCD) is an online, international, peer-reviewed publication focused on the practice and applied research interests of agriculture and food systems development professionals. The Journal emphasizes best practices and tools related to the planning, community economic development, and ecological protection of local and regional agriculture and food systems, and works to bridge the interests of practitioners and academics.”

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/>

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

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* – includes protocols for **Plant Biology**
- *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 displays the book title, copyright information, ISBN (9780471250951), and DOI (10.1002/0471250953). A search box on the right contains the text 'All content' and has a red box around it with the text 'Advanced > Saved Searches > Search in this Book >'. The 'FIND ARTICLES' section on the left also has a red box around it with the text 'Articles by Topic' and 'Table of Contents'.

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
RNA	
QH450 R635 2011	RNA worlds : from life's origins to diversity in gene regulation /
SOIL ECOLOGY/BOTANY	
QH541.5 S6 W45 2010	Soil ecology and management /
QK477.2.I4 C66 2010	The book of leaves : a leaf-by-leaf guide to six hundred of the world's great trees /
QK771 .K58 2011	The restless plant /
QK861 F73x 2010	Chemical elements in plants and soil : parameters controlling essentiality /
QK867 S66x 2009	Plant nutrition of greenhouse crops /
QK870 W48x 2010	Waterlogging signalling and tolerance in plants /
QK882 S65x 2010	Photoprotection in plants : optical screening-based mechanisms /
QK898 L56 L5545x 2010	Lipid signaling in plants /
QK898 N6 N586 2011	Nitrogen metabolism in plants in the post-genomic era /
QK922 D47x 2010	Desert plants : biology and biotechnology /
QK938.T4 B47 2010	Arboretum borealis : a lifeline of the planet /
MICROBIOLOGY	
QR51 M535x 2009	Microbial strategies for crop improvement /
AGRICULTURE/PLANT PATHOLOGY	
S419 S47 2010	Bread, beer and the seeds of change : agriculture's impact on world history /
S452 N36 2010	Naming food after places : food relocalisation and knowledge dynamics in rural development /
S494.5 S86 F73x 2010	Farm together now : a portrait of people, places, and ideas for a new food movement /
S494.5 S86 I43 2010	Imagining sustainable food systems : theory and practice /
SB106 B56 K66 2010	Knowledge and technology transfer for plant pathology /
SB112.5 A235x 2010	Abiotic stress adaptation in plants : physiological, molecular and genomic foundation /
SB123.3 T48x 2010	Seeds, sex and civilization : how the hidden life of plants has shaped our world /
SB185 I53 2010	Industrial crops and uses /
SB185.5 F34 2011	Growth and mineral nutrition of field crops /
SB360 P668x 2010	Postharvest pathology /
HORTICULTURE	

SB407 M245x 2010	Cut flowers of the world : a complete reference for growers and florists /
SB416 .O68 2011	Optimal control of greenhouse cultivation /
SB418 .R638 2010	The encyclopedia of container plants : more than 500 outstanding choices for gardeners /
SB419.5 S65 2010	The green roof manual : a professional guide to design, installation, and maintenance /
SB435 G698 2009	Woody cut stems for growers and florists : how to produce and use branches for flowers, fruit, and foliage /
SB435.6 A8 A45 2009	Australia's remarkable trees /
SB450.97 S655 2010	The complete idiot's guide to year-round gardening /
SB454.3 C64 F56 2010	The gardener's color palette : paint your garden with 100 extraordinary flower choices /
SB454.3 R37 M45 2010	Bizarre botanicals : how to grow string-of-hearts, jack-in-the-pulpit, panda ginger, and other weird and wonderful plants /
SB466.U65 H834 2010	Gardens of the Hudson Valley /
SB472 .B35 2010	A landscape manifesto /
SB481 .G37 2011	Public parks : the key to livable communities /
SB608 T75 T665 2010	Tomatoes : agricultural procedures, pathogen interactions and health effects /
SB611 M33x 2010	Weeds : how vagabond plants gatecrashed civilisation and changed the way we think about nature /
SB950 A53x 2009	In resonance with nature : holistic healing for plants and land /
SB950 I455x 2010	Integrated management of arthropod pests and insect borne diseases /
SB951.4 C63 2010	Herbicides and plant physiology /
SB952.G58 G59 2010	Glyphosate resistance in crops and weeds : history, development, and management /