

Summer 5-2014

STEM Librarian News

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STEM LIBRARIAN NEWS

VOL. 1, ISSUE 3

MAY 2014

A newsletter brought to you by Isabel Altamirano, your librarian!

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Stories in this newsletter:

- RefWorks will be dropped
- Print Book Removal Project
- Thank You!
- Houston Engineering Center Visit
- Research Guide Updates
- Assistance
- New Books/Standards List

Move your Citations from RefWorks Soon!

Goodbye



The library is cancelling RefWorks Citation Manager. I recommend that you transfer your data to Zotero.

You should move everything BEFORE June 30, 2014.

Hello

zotero

Check out this [quick guide](#) to Zotero.

Please contact me if you have any issues during the migration process.

Print Book Weeding & Electronic Book Awareness



While you are grading this semester's examinations, I will be starting a major project: removing print books from the shelves. The cataloging team will be working to remove the books from the catalog.

When I have finished a section, I will email that department to ask whether you want to keep any books for your personal library. If I don't hear a reply, the book will be "weeded" from the collection.

I will also be working on promoting e-books for the Fall2014 semester and creating user guides so everyone can find books quickly.

The 3rd floor stacks will look different by August. The library is creating more quiet study areas for the students.

Gratitude



For participating in the strategic planning survey. I am reviewing your answers and determining how I can provide what you request. If I visited you in your office, I enjoyed meeting you in person.

I also completed internal reviews for Computer Science & Biology. I appreciate your patience as I had to ask the electronics librarian for data.

Roving Librarian



In late February, I went to the Houston Engineering Center. I met with the new director, John Vasselli and three full-time professors to discuss their information needs. I also taught 3 short courses. I am looking forward to returning in August to meet the new Civil Engineering class and other new students and professors during orientation.

I also met with the librarians at the Houston Community College to iron out collaboration issues.

Library Shortcuts



I review the resources that we have in the catalog and create a summary or research guide. I will continue on this important project in the summer. If you need one created for your course for Fall2014 semester, contact me so I can do it first. [Check out](#) the guides here.

Information Searching



Thank you for sending students to me for their research questions. I have learned a lot about standards and complex issues in the sciences. My most memorable searches during this semester were:

- Six Sigma concepts being taught in middle schools
- Poster design for a senior's engineering design class
- Positive articles about fracking
- Molecule project assistance
- Correct citation for 1930s chemistry article

New Books/Standards List



These books or standards have arrived recently. I still need to track the status of some books and standards. I will send out an email to you when it arrives or can't be ordered in this fiscal year. Books without call numbers are electronic books.

Technical Writing

[*A Handbook for Analytical Writing: Keys to Strategic Thinking*](#) / Winner, William E.

Biology

[*The Cambridge Encyclopedia of Darwin & Evolutionary Thought*](#)

Genomics and bioinformatics: an introduction to programming tools for life scientists / Tore Samuelsson (Currently shelved on the 2nd Floor – New Books Section - QH447 .S26 2012)

Understanding bioinformatics / Marketa Zvelebil & Jeremy O. Baum (Currently shelved on the 2nd Floor – New Books Section - QH324.2 .Z84 2008)

[*Software Tools and Algorithms for Biological Systems*](#) / edited by Hamid R. Arabnia, Quoc-Nam Tran

Chemistry

Statistical Mechanics theory and molecular simulation / Mark E. Tuckerman (Currently shelved on the 2nd Floor – New Books Section - QC174.8 .T865 2010)

[*Symmetry Relationships between Crystal Structures: Applications of Crystallographic Group Theory in Crystal Chemistry*](#) /Müller, Ulrich (wait for answers)

Theories of molecular reaction dynamics: the microscopic foundation of chemical kinetics / Niels E. Henriksen and Flemming Y. Hansen. (Currently shelved on the 2nd Floor – New Books Section QD501 .H46 2012)

Computer Science

Data and computer communications / William Stallings (Currently shelved at the Reserves Desk at Circulation - TK5105 .S73 2014)

iOS 7 programming fundamentals : Objective-C, Xcode, and Cocoa basics / Matt Neuburg (Currently shelved on the 2nd Floor – New Books Section QA76.8.I64 .N4813 2013)

Engineering

Annual Book of ASTM Standards – 2013 edition. The Houston Center engineers have access to the 2003 edition. They can request the latest version via interlibrary loan. There is a 2001 edition in RBN 1001. (Shelved on the 2nd floor – in the Reference Section – Can't be checked out. TA401.A653 2013 v00.01 to v15.12)

IEEE Color Books – now all online. This research guide also lists the standards that replace the color books: <http://libguides.utt Tyler.edu/content.php?pid=571352&sid=4711990>

Metallic materials: rotating bar bending fatigue testing = Matériaux métalliques: essais de fatigue par flexion rotative de barreaux. – ISO 1143:2010(E) (Shelved on the 2nd floor in the Reference Area – Can't be checked out - TA404.5 .M47 2010)

NFPA standards and Electrical Codes – Now online. You need to register to view them. Details are here: <http://libguides.utt Tyler.edu/content.php?pid=571352&sid=4711560>

[Secure Smart Embedded Devices, Platforms and Applications](#) / Markantonakis, Konstantinos

Industrial Technology

Lean policy deployment [video recording]; written and produced by Bruce Hamilton (Shelved in an office – Ask at Circulation Desk – TS156.8 .L43 2009)

Lean for the office [video recording]: *creating the perfect day* / written and produced by Bruce Hamilton; directed by Chris Martin. (Shelved in an office – Ask at Circulation Desk – HF5547 .L43 2009)

Poka-yoke [video recording]: *mistake proofing* / produced by Society of Manufacturing Engineers; executive producer, Steven R. Bollinger; director/editor, David Rembiesa; written by Jeff Fuchs (Shelved in an office – Ask at Circulation Desk – TS159 .P64 2008)

Mathematics

[Advanced Topics in Linear Algebra: Weaving Matrix Problems through the Weyr Form](#) / O'Meara, Kevin

[A Primer for Mathematics Competitions](#) / Zawaira, Alexander

[Expander Families and Cayley Graphs: A Beginner's Guide](#) / Mike Krebs

[Fundamentals of Actuarial Mathematics](#) / Promislow, S. David

[Introduction to Banach Spaces and Algebras](#) / Allan, Graham; Dales, H. Garth.

Matroid theory / James Oxley (Shelved on the 3rd floor - QA166.6 .O95 2011)

Physics

Introduction to mathematical physics: methods and concepts / Chun Wong (Shelved on the 3rd floor - QC20 .W66 1991).

Please contact me if you have any questions! Enjoy your summer! Isabel