Collection Highlights

UNESCO designates April 23 as World Book Day to promote reading and publishing. This day is celebrated all over the world with literary events, book fairs and festivals. The date has a special meaning in world literature as it marks the birth and death of such great writers as William Shakespeare and Miguel de Cervantes. In Catalonia, Spain, the date coincides with St. George's Day during which books and roses are exchanged among lovers, symbolizing that a rose is for love and a book is forever.

At UST, we would like to make every day a World Book Day - without the roses. The Library stocks many good books ready to be discovered and used. They are taking turns to show up in the Collection Highlights area next to the New Book shelves on the Library’s ground floor.

Each month, we feature books and media items on a particular theme. To arouse more interest, we try to synchronize the displays with "in season" topics. Like this March, when we were just past the Western Valentine’s and the Chinese Yuan Xiao, the featured topic was "Types of Love". The collection in focus this coming April will be French impressionism to echo the ongoing exhibition at the Hong Kong Museum of Art.

The themes are wide ranging, covering broad and narrow topics in any imaginable field. We also try to strike a balance between light and scholarly readings.

Next time you visit the Library, check out the Collection Highlights. The area is never short of pleasant surprises. The past year's Collection Highlights can be revisited at http://library.ust.hk/res/highlights/.

COLLECTION SPOTLIGHT: New E-Resources

Blackwell Synergy E-Journals

In addition to providing access to Elsevier's Science Direct, Wiley, OUP, Springer and Kluwer fulltext journals, the Library has once again successfully negotiated
the addition of another 796 scholarly Blackwell journals through the JULAC consortium. The Blackwell Collection (http://library.ust.hk/cgi/db/blackwell.pl); containing 50% in social sciences and humanities and 50% in science, technology and management; answered many long-standing requests from faculty.

A quick review of the Blackwell journals with the highest impact factor revealed that out of the 19 business journals on the list, the Library subscribed to only four. The psychology collection was not any better. Out of the 12 titles on the list, only three of them were held by the Library. It is, however, comforting to know that we now also regain access to some 30 journals including "Economic Policy" and "Journal of Personality" that were previously cancelled as a result of budget reductions.

We are doing better in the Life and Physical Sciences area as we subscribed to 7 out of the 20 highest impact factor Blackwell titles. The particularly good news is that we finally gain access to "Traffic", a life science journal bearing an impact factor of 6.2 which has repeatedly been requested by our faculty. Access to the back files of many prestigious STM (science, technical and medical) journals such as the "European journal of Neuroscience" and "Genes to Cell" have expanded from 2 years up to 8 years.

Blackwell Synergy is a user-friendly system that provides sophisticated searching capability and dynamic linking to fulltext. Currently, it works better on Internet Explorer than Netscape and Mozilla-based browsers.

Encyclopedia of Nanoscience and Nanotechnology

In view of the intense research being conducted by our faculty and students in the areas of nanotechnology, the Library has recently acquired electronic access to a 10-volume set of the Encyclopedia of Nanoscience and Nanotechnology by American Scientific Publishers.

This reference resource brings together core knowledge and the most recent advances and emerging new aspects of nanotechnology spanning from science to engineering that deal with materials synthesis, processing, fabrication, probes, spectroscopy, physical properties, electronics, optics, mechanics, biotechnology, etc.

Contributed by over 900 world-renowned scientists, it includes over 400 review chapters, 80,000 bibliographic citations, 7,500 figures, 800 tables and hundreds of chemical structures and equations.

INTERNET: What's new at Google

Google has launched several new tools to help search for book text, TV programs and scholarly literature.

Google Print, released recently in a "beta" test phase, allows users to see book
excerpts alongside ordinary Google Web page search results; and includes a link to buy the book from a variety of online book retailers.

Google has also partnered with some well-known libraries (Harvard, New York Public Library, Oxford, Stanford & the U. of Michigan) to digitally scan many of their books in coming years, and add them to Google's search results. Can you read the entire book online? Well, yes ?if the book has no copyright restrictions and is considered in the public domain; otherwise, you can only view an excerpt from the book plus other bibliographic information. Details about Google Print can be found at http://print.google.com/.

Unlike Google Print, Google Video is a standalone feature which you can access at http://video.google.com/ to search for recent TV programs. Your search terms will be matched against the closed-captioning text of all the programs in Google's archive for relevant results. Search results will show you short snippets of text along with still images from the TV program. As this feature is in beta-testing only, playing the video is currently not available and only a small amount of programming from a limited number of channels is included. Keep your eyes on it for new developments.

Google Scholar (http://scholar.google.com/) indexes scholarly literature, such as peer-reviewed papers, theses, preprints and technical reports from academic publishers, professional societies, preprint repositories, universities and open access publications across the web. In addition to indexing their content, Google Scholar analyzes their citation pattern and calculates how often a title is being cited by others in its archive.

Search results are ranked by relevancy, which takes into account the appearance of the search terms, the article's author(s), the publication source and the number of times a title has been cited. Each title in the result list has a "Cited by X (a number)" link, and clicking on this link will show you all the citing references. Though full-text viewing is limited to open access publications (unless the Library has a subscription for the content), abstracts are available for most documents (except those offline documents that are referenced in citations only).

Check out these new tools yourselves and see if they really help achieve Google's mission to organize the world's information!

**MEDIA: Engineering Against Disaster**

One of the hallmarks of our modern age is our trust in expert systems. We step into a small room attached by a cable to a motor and expect the elevator to carry us safely up or down a great height. We assume that the engineer who designs the bridges we use knew about all the possible things that could go wrong, and how to design to prevent them. This expertise is not obtained by chance. Engineers must study engineering and materials failure to prevent disasters. The Media collection has an assortment of videos that aid in this goal.
Structures (TA633 .S76 1999) presents a range of natural and man-made structures to clarify the principles underlying their properties. It discusses tension, compression, arches, cantilevering, pre- and post-stressing beams, shear, torsion, etc.

To prevent engineering failures and human tragedy, engineers must examine cases when things do go wrong, to learn from past mistakes. When engineering fails (Media TA169.5 .W43 1998) examines several major disasters, including the space shuttle Challenger, and discusses the scientific principles behind these failures. Engineering disasters (Media TA169.5 .E54 1998) also looks at major disasters in history and the string of events that caused them.

As horrible as the airplane attacks that occurred on 11 September 2001 were, they did provide a chilling example of building collapse that engineers must consider. Why the towers fell (Media TA656 .W49 2002) follows a team of forensic engineers as they begin to search for clues that would tell them why the World Trade Center Towers fell after the attack. World Trade Center: anatomy of the collapse (Media TA656 .W67 2002) also examines the engineering, construction and design of the Center and the reasons for its collapse. It includes historical footage of construction and the attacks in 1993 and 2001, and computer simulations of the structure.

OUR WEB: Internet Resources
http://library.ust.hk/res/beyond/

The Web offers numerous links to online resources, but many contain poor quality content or outdated information. For this reason, the Library has been selecting quality resources for you since 1997. There are now about 1,200 sites on the Internet Resources pages. We carefully evaluate the sites, and also maintain the links to make sure they are stable and updated.

Many Chinese websites or websites about China have been selected in recent years. The pages under the category of Asia > China are gradually expanding. The two best resources for full-text Chinese classics are probably 故宮【寒泉】古典文獻全文檢索資料庫 and 中央研究院漢籍電子文獻 (Asia > China > Humanities and Social Sciences-General).

New categories like Business and Management, Law and Politics have been added. The website of 中華人民共和國國家統計局 (Asia > China > Business and Management) provides statistical information of China. New technology development in China and general science knowledge can be found in 中國公•科技網 (under Science). China Vitae (Asia > China > Biographies) contains biographies of Chinese leaders and tracks their activities. Information on Chinese herbs can be found under Science > Chinese Medicine. The powerful search engine 百度 (in Web Directories and Search Engines) covers websites in Chinese with great depth.

With a growing number of web sites under Hong Kong, sub-categories were
added. To find out how to do business in Hong Kong, check under Asia > Hong Kong SAR > Business and Management. Law and legal information can be found in Asia > Hong Kong SAR > Humanities and Social Sciences.

In the past two years we have also added categories for other important subjects, such as Patents and Standards, Transportation and Logistics and Scholarly Communication, which includes the amazing OAIster and Google Scholar.

Please let us know if you find exciting websites and would like to share them.

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SYSTEMS UPDATE: Electronic Resource Management

Like many academic libraries, we have made various efforts to manage the growing collections of electronic resources and to provide convenient access to e-journals and databases via the online catalog and the Library Web site.

The catalog's new electronic resource management system (ERM) provides three new features for managing electronic resources: resource, license and contact. The resource record describes the resource providing public information fields such as coverage, resource URL, and description. It also provides fields for library staff to better manage the resource. The license record holds combined licensing details such as authorized users, authentication method and terms of use. The contact record makes reference to organizations or companies involved in providing access to an electronic resource. All these features are geared to providing better services for our users.

An added advantage is that the ERM system is a natural extension of our existing integrated library system from the same vendor. Its acquisition will not only build upon our existing investment in library technology but also offer smoother transition in terms of a better end-user interface and efficient sharing of data with the present integrated library system.

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INFORMATION SERVICES: Library Instruction for Fall 2004

The Fall term of 2004 was marked with many accomplishments in the Library’s efforts to train students and staff in the effective use of the Library catalog, databases and services.

A total of 135 instruction sessions (102 classes and 33 tours) were presented to 2,925 users. Compared to 115 sessions (79 classes and 36 tours) with 2,211 attendants in the same period of 2003, this represents an increase of 32% in the number of participants for the term. In addition to the face-to-face instruction sessions, 362 first-year undergraduates attempted the online Information Literacy Tutorial (http://library.ust.hk/serv/skills/infoliteracy.html) which was a big rebound in
the use of the tutorial when compared to 65 students the year before.

In an effort to further improve the quality of Library classes, a survey was conducted of over 500 participants from 24 classes last term. One of the findings was that the participants liked smaller class sizes much more than bigger ones. In response to our students?needs, extra classes were offered this term so that the average class size could be lowered. We found that both the participants and instructors enjoyed these smaller classes more. We welcome any suggestions you may have on our classes.

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**Library of Congress Series Authority Control Training**

As an independent Name Authority Cooperative Program (NACO) library of the US Library of Congress (LC), the HKUST Library has been contributing name authority records to the LC/NACO Authority File (NAF). Authority records in NAF are followed and used by academic, public and other types of libraries world-wide.

Recently we invited Ms. Judith Kuhagen, from the Cataloging Policy & Support Office of LC, to conduct a 5-day training program for our catalogers on the creation and modification of series authority records in order to expand our NACO participation.

The program also included a public seminar on series authority control. Over 65 library workers from 23 institutions attended the seminar. Details about the program are available on the Library website: [http://library.ust.hk/info/other/feb2005/](http://library.ust.hk/info/other/feb2005/).

After this special training and a review period, our catalogers will begin contributing series authority records to the LC/NACO Authority File independently. The HKUST Library will become the first library in Hong Kong to contribute both name and series authority records to NAF.

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*Library Home Page*

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