

electronic resources

<http://libraries.colorado.edu>

Your Desktop Access is Our Priority

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Like every unit on campus and across the university, the University Libraries has wrestled with a series of agonizing choices and strategic maneuvers in order to reduce our budget while upholding our commitment to service and the intent of our mission, strategic plan, and the recent recommendations of our blue ribbon panel and program review.

The Libraries Core Planning Committee met recently to review progress made on the Libraries Strategic Plan, published in January 2002 at www-libraries.colorado.edu/lsp/frontpage.htm. It was satisfying to discover that we had successfully addressed most of our planned initiatives and strategies in just the intervening year and a half.

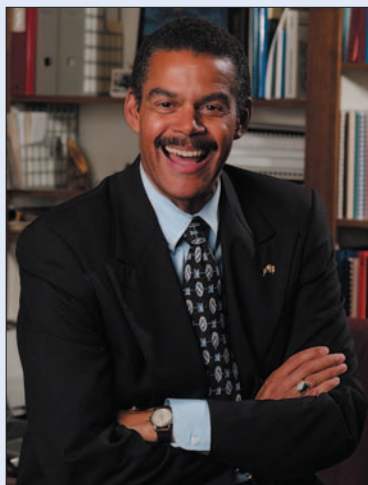
Several of the articles herein describe services that reflect the successful completion of a strategic plan initiative, such as providing more resources from your desktop, establishing electronic reserves, and developing wireless access. Other strategic initiatives relevant to electronic access include the music library digitization project (described at www-libraries.colorado.edu/mus/smp/index.html) and the University Libraries web site redesign, which will be unveiled in spring 2004.

The purpose of this publication is to provide information about the array of electronic resources available through the University Libraries. The online databases that you access via Chinook from your office or home computer are not simply awaiting your search from a web site. Each resource is carefully considered, selected, and renewed by subject-expert bibliographers, often in consultation with other faculty and staff. Each database is acquired with consideration to print and/or online access, search engine possibilities, vendor packaging and pricing, licensing costs and restrictions, and possible purchasing partners (see related article on "Managing the Growth and Expense of Electronic Resources"), as well as overall budget constraints and collection development policies. In fact, many professionals stand behind every search you conduct.

We are restructuring both resources and staffing to take full advantage of emerging trends in electronic information access, despite a \$1.1 million reduction in our budget. During this challenging fiscal period, we are not just adjusting but strategically positioning ourselves to effectively move forward into the future as a digital library with an aggressive agenda to provide access to the Libraries' resources, independent of time, independent of place, and independent of personal pace.

In the articles that follow, you will meet our three most recent faculty hires, explore the many different types of electronic resources, discover the world of e-books, learn about alert services, overview resources available in government publications and the business and science libraries, and read about a number of electronic sources and services.

I hope that this publication will deepen and enhance your perspective on the provision of electronic information by your University Libraries as we move onward!



Managing the Growth and Expense of Electronic Resources

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Electronic information resources offer enormous benefits. They provide users with faster, more convenient, 24-hour desktop access from home or campus, as well as special features such as hypertext links to related information, graphics, audio, video, and animation. These resources also offer benefits to libraries—they don't take up valuable space on library shelves, they can't be stolen or destroyed, and, depending on the license agreement, they allow more than one user to access information at the same time. To the student or professor using an online resource, Chinook may appear to be merely a search engine to web sources. In fact, as of September 2003, the University Libraries subscribes to over 5,500 full-text online journals and provides access to more than 275 electronic indexing, abstracting, and full-text databases, e-books, online library catalogs, and thousands of digital resources, all at a significant cost to the university.

The initial installation of computer workstations in the University Libraries was in 1985, with four workstations in the business library to access the *Infotrac* database. By fiscal year

1988–89, the Libraries had subscriptions for 21 CD-ROMS at a cost of \$21,000. In 1993–94, the Libraries ordered its first electronic journal and access to an online database. In the succeeding ten years, libraries, and society in general, have witnessed a major shift from print to digital content. Expenditures for electronic serials have increased from \$188,461 in 1994–95 (6 percent of total serials expenditures) to \$2,301,225 in 2001–02 (42 percent of total serials expenditures). As a result of these investments over time, the Libraries has one of the largest collections of electronic journals and commercial databases in the region.

One way to reduce the high costs of electronic databases is through resource sharing and group purchase discounts. The Libraries plays a pivotal leadership role in inspiring this type of collaboration among the institutions with whom we "partner" including members of the Colorado Alliance, Colorado Libraries Resource Sharing and Information Access Board, Bibliographic Center for Research, Greater Western Libraries Alliance, and the Association

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Types of Electronic Resources

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The University Libraries has been increasingly aggressive in purchasing online databases of the research resources that allow faculty much deeper access to library materials than searches for books and journal titles in Chinook. You can search one of hundreds of library databases that include the same information as paper indexes with more powerful and flexible search options, and you can access the full-text of journal articles and books.

The Libraries have licenses to enormous online collections of journals and articles, and much of what is not available in full-text online is, as always, available at the library. With our many online sources, you can verify those last citations before submitting a manuscript or finish up the last bits of research over a holiday before your grant application is due, since these resources are available to you both in your office and from home. In addition, many of our databases have alert services that will send you e-mail when the latest issue of your favorite journal is released online and automatically conduct

specified searches when new information is added to a database (see "Electronic Alert Services Available from Journal Publishers" on page 2).

There are several different types of online sources that you may find valuable for your research:

Databases or indexes

These are collections of citations, and sometimes the complete text, of journal articles, book chapters, and other published papers in an online source. One of the real strengths of online data-

For more information relevant to your discipline and for acquisitions requests, contact your subject bibliographer listed at www-libraries.colorado.edu/services/bibliographers.htm.



bases is the flexibility they allow in searching. In databases that include full text you have the ability to search for every occurrence of a specific word. In any database you can create much more complicated, specific searches than you ever could in paper indexes. Examples of databases we have purchased recently are:

- *Academic Search Premier* (an index of 4,500 journals in many different fields)
- *American Bibliography of Slavic and East European Studies Online*
- *World Shakespeare Bibliography Online*

Collections of journals online

These are usually digitized versions of entire runs of paper journals. In some cases, these online versions of paper journals go back to the birth of the journal, even back to the 1800s. These digitized journals are full-text searchable and easily browsed. They are usually organized

by discipline. Digitized journals like these are always linked from the journal's record in Chinook. Examples of online journal collections we have purchased recently are:

- *JSTOR* (dramatically expanded from our previous collection, including many new titles in "Arts and Sciences" and "Languages and Literature")
- *ScienceDirect* (an enormous online collection of journals in the sciences)

Electronic books

Electronic books are digitized versions of paper books from various publishers. They are usually in a format that mimics as closely as possible the layout and appearance of the paper edition. The Libraries currently owns approximately 10,000 electronic books. As with our other electronic sources, the real strength of an

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From Annuities to Zoning: Business Resources at the William M. White Business Library

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Business research covers a wide range of practical and theoretical topics, from searching for a career or building a stock portfolio to predicting trends in international economies. The William M. White Business Library in the Leeds School of Business offers a wealth of resources to support CU-Boulder faculty, students, and staff, and community members in fulfilling research needs. The library has a wide-ranging collection that includes study and research materials for management and administration, accounting, advertising, banking, finance, small business and entrepreneurship, marketing, real estate, and transportation. There are more than 74,000 volumes in the collection, including monographs, bound serials, financial reference works, directories, and loose-leaf services. Also included are some works in the behavioral sciences, quantitative methodology, economics, and computer applications.

The Douglas H. Buck Electronic Media Center, housed in the White Library, offers online resources and compact disc subscriptions which include study and research materials for all areas of business, such as management and administration, accounting, advertising, banking, finance, small business and entrepreneurship, marketing, real estate, and transportation. These resources contain a myriad of full-text magazines and journals; business periodical indexes; corporate annual, 10-K, and proxy reports of all public companies in the United States; profiles of American and international

companies; demographic and business statistics; and investment reports written by Wall Street analysts. Many of these resources are available to students and faculty both remotely and campus-wide.

A search in Prospector indicates that the business library is the only source in Colorado for access to the *Dunn & Bradstreet Million Dollar Database*, a directory of over 1,500,000 public and private U.S. companies and 1,600,000 international companies. It includes total employees, legal status, annual U.S. sales dollar equivalent, and more. Although the *Million Dollar Database* is available only in the business library, additional company data is provided through a wide variety of databases which can be accessed remotely, including *ReferenceUSA*, a directory of about 11 million U.S. public and private companies, and *Business & Company Resource Center*, a directory of company profiles with access to articles, histories, investment reports, financials, rankings, product lists, associations, and industry overviews, as well as an index to articles from 1980 to the present. *Business Source Premier* provides full text for nearly 1,370 scholarly business journals covering management, economics, finance, accounting, international business, and more. *Hoover's Online* directory has overviews of about 16,000 U.S. and foreign public and private companies and other organizations with SEC and other web links. *LexisNexis Academic* provides searchable, up-to-the-minute, full-text news, directory, and other information for business and law, and includes 5,000+ sources from 1985 to the present. *CorpTech*, the newest addition to the collection, includes an in-depth directory of national high-tech companies.

Many specialized databases are available. These include the *BNA Tax Management Library*, a CU four-campus purchase, which provides databases of tax portfolios analyses, U.S. income, estates, gifts and trusts, and foreign income tax codes, as well as primary tax resources and daily updates. This is an excellent source for expert opinions on current tax issues. For those interested in market research, the library offers *World Consumer Markets*, which provides volume and value market size data for 330 consumer products across 49 countries, and *World Marketing Data and Statistics*, an extensive statistical marketing, business, and economic database with information for over 200 countries. *The Red Books* provides advertising data through directories of 24,000 advertisers and 13,500 advertising agencies, U.S. and international.

Those seeking business news can access *The Wall Street Journal* from 1984 to present. Full-text interviews with investment analysts, CEOs of public companies, and investment money managers are available in the *Wall Street*

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Electronic Alert Services Available from Journal Publishers

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Current awareness or alert services provided by publishers, such as Elsevier, and vendors, like Project Muse, enable researchers to keep up with current developments in their fields of study.

The alert services in Elsevier's *ScienceDirect* are examples of the types of electronic alert services being offered by publishers. In *ScienceDirect* you can set up three types of alerts: journal issue, search, and citation. A journal issue alert allows you to select titles for which you would like to receive table of contents information for new issues as they are published. Search alerts are produced from stored searches. You may store one or more searches, which periodically will be automatically conducted and e-mailed to you. A citation alert notifies you when a selected article is cited by another article within the database. This function allows you to keep track of all articles within *ScienceDirect* that cite a targeted work. *ScienceDirect* is a full-text database, and the Libraries subscribes to hundreds of Elsevier titles. Most alerts will contain links to the articles listed, which are then only a click away.

You can access over three million articles in hundreds of titles through *ScienceDirect*, and this is only a small portion of the titles to which the Libraries subscribes. Check the Libraries' online

catalog, Chinook, to see if electronic access to particular titles is available. Chinook records provide the Libraries' holdings information and offer a link to the electronic version of a title when available. For some titles, the Libraries has electronic access to the most recent issues or to back issues only, so consulting paper copy may still be required.

Many other publishers and vendors or aggregators also provide alert services, including Emerald, BioOne, ABC-CLIO, IEEE/IEE Electronic Library, Wiley InterScience, and Kluwer Online. Although scientific, technical, and medical publishers have been leaders in providing electronic access to journals and in developing alert systems, electronic access to materials in the humanities is also available, such as through *JSTOR* and Project Muse.

Your favorite journals may be online and included in an alert service, providing you with tables of contents, reviews, and full-text articles from your workstation. For help identifying an alert service, ask at any Libraries reference desk or inquire of your subject bibliographer (see www-libraries.colorado.edu/services/bibliographers.htm for a complete and current list of bibliographers).

Early English Books Online

The first project from the massive ProQuest Digital Vault initiative, *Early English Books Online*, provides digital access to more than 125,000 literary and historical classics from 1475–1700. Through the Web, researchers can view images that accurately reflect the way the works appeared in their original printed editions.

Early English Books Online contains images of works by such authors as Malory, Spenser, Bacon, More, Erasmus, Boyle, Newton, and Galileo. The database also includes musical exercises by Henry Purcell, novels by Aphra Behn, and prayer books, pamphlets, proclamations, almanacs, calendars, and many other primary resources.

When complete, *EEBO* will contain all the works—more than 22 million pages—represented in the microfilm series *Early English Books I & II*, which include the titles listed in these comprehensive bibliographic records of English literature: *The Short-Title Catalogue* (Pollard & Redgrave, 1475–1640); *The Short-Title Catalogue II* (Wing, 1641–1700); *The Thomson Tracts*, a compendium of broadsides on the English Civil War printed between 1640 and 1661; and *The Early English Books Tract Supplements*.

Researchers can view complete, digitized images of original pages from all the works in the database and even manipulate them by, for example, zooming in and out or printing pages

one at a time. To accompany the page images, a separate initiative called the Text Creation Partnership is in the process of creating searchable, ASCII full-text versions of 25,000 of the documents, and participants in the partnership will be able to access the full text through the *EEBO* interface.

For more information, contact the Libraries history bibliographer, thea.lindquist@colorado.edu, or the English and American literature bibliographer, skip.hamilton@colorado.edu.

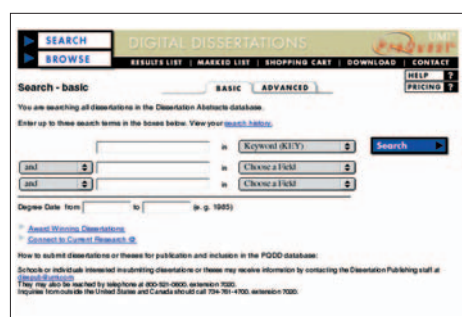


Digital Dissertations

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The University Libraries now provides access to *Dissertation Abstracts* via ProQuest *Digital Dissertations*. The new service is a result of a four-campus purchase. *Dissertation Abstracts* was formerly available through OCLC FirstSearch.

Digital Dissertations provides online access to citations and abstracts for every title in the *Dissertation Abstracts* database, which represents the work of authors from over 1,000 graduate schools and universities. The database includes bibliographic citations for materials ranging from the first U.S. dissertation, accepted in



1861, to those accepted as recently as last semester. Approximately 47,000 new dissertations and 12,000 new theses are added to the database each year. Citations for dissertations published from 1980 forward also include 350-word abstracts written by the author. Citations for master's theses from 1988 forward include 150-word abstracts.

Digital Dissertations also provides 24-page previews of dissertations published since 1997. The complete dissertations are available for online purchase. The cost for a PDF download is

\$25.50, and an unbound, shrink-wrapped copy is \$34.00. Other formats, such as soft cover, hard cover, microfilm, and microfiche, are also available. Also, many dissertations not owned by the Libraries may be borrowed through Interlibrary Loan.

For more information on *Digital Dissertations*, contact Heather Wicht, electronic resources librarian, at 303-492-4234 or heather.wicht@colorado.edu.