UC Irvine Libraries Update

A Newsletter for Faculty

Library Deploys Wireless Network and Laptop Loan Program

As of winter quarter 2001, the UCI Libraries, in collaboration with Network and Academic Computing Services (NACS), inaugurated wireless network services in the Main Library and the Gateway Study Center and a laptop loan program. We are one of the first members of the nationwide Association of Research Libraries (ARL) to initiate wireless services. Our pilot program promotes mobile computing on campus for educational and research purposes and represents the first deployment of wireless services at UCI primarily intended to serve the under-graduate student body.

UCI's wireless network was designed and built by NACS and is called the UCInet Mobile Access Service. It parallels the existing wired infrastructure to enable the campus community to connect to the Internet using laptops from campus locations where wired connections are not feasible, such as informal common areas, classrooms, and outdoors. The network consists of strategi-cally located wireless access points—placed in the ceilings of buildings or other out-of-the-way places—that are linked to the wired network and allow for connectivity by client radio transceivers (i.e., wireless network cards). Laptops with wireless cards within the range of an access point can access the campus backbone and the Internet. The network meets the 2.4GHz, IEEE 802.11b Direct Sequence Spread Spectrum wireless Ethernet standard and offers data connec-tion speeds of up to 11Mbps. It supports connections from all network cards conforming to that standard. To ensure optimal

security and performance of the shared wireless network, users are required to register their networking cards before connecting to the Internet, enabling the UCInet Mobile Access Service to differentiate campus users from campus visitors.

Use of the new wireless network is further enabled by the Library Laptop Loan Program.

Inside this issue

The UCI Libraries

A UNIVERSE OF INFORMATION

A Message from the University Librarian: Space Planning for the UC Irvine Libraries

As UCI expands academic programs and adds faculty and students, the Libraries also must grow to provide the materials and services essential for high quality scholarship and instruction. However, the Libraries have a shortage of space for current needs and no room to grow or expand. While the Libraries provide an increasing number of resources and services online, our library buildings will continue to play an essential role in the academic life of the campus, and our facilities must keep pace with campus growth.

Consequently, the Libraries are now developing comprehensive plans to create increased stacks space for growing collections, more research and seating space for faculty and students, more space for enhanced public services, instruction and training, and work space for librarians and staff. Our strategy includes three major components: maximize the use of existing library space, obtain a reassignment of additional existing campus space for the Libraries, and construction of new library space on campus.

Our most immediate problem is stacks space in the Main Library. The stacks are at 96% of total capacity and will be at 100% in fall of 2002. Normally, stacks are considered to be functionally full at 80-85% of capacity, when books can still be removed easily from the shelves by users, and returned books can be reshelved at the end of a quarter without shifting thousands of volumes. Consequently, we are developing plans to replace conventional shelving in the Main Library basement with compact shelving, which will provide additional stacks capacity for approximately six years of growth. While additional conventional shelving would be preferred by everyone, our only choice at this point is between compact shelving or remote storage. The Science Library stacks have sufficient room for growth and are not a concern at present.

Our second area of concern is research and study space where faculty and students can consult library print and online collections, use their own materials and computers, and study individually or in groups. University standards call for us to provide 1,200 more library seats than we now have available for the current student population; at full enrollment, we will require space for 4,200 more seats.

In order to maximize our use of current space, architects will survey the Main and Science libraries to develop options for better utilization of existing space. In addition, we have requested that additional campus space be assigned to the Libraries to allow us to provide much needed seating and research space, computer labs, service points, stacks, and staff work space. These actions will relieve congestion and improve library services and will begin as funding becomes available.

Nevertheless, UCI must construct significant new library space if we are to fully accommodate the expanded research collections, seating, services, and staff that are essential to the growth of the campus over the next ten years. The EVC has endorsed this concept, and initial planning for new library space will begin soon.

All of these projects are essential if we are to have library buildings which support the academic needs of our growing campus. We will regularly communicate on the status of the projects, which may begin as soon as this fall.

Gerald J. Munoff, University Librarian

New and Improved Library Computer Labs

The Main Library and Gateway Study Center computer labs have recently expanded their services in terms of both the number of workstations and the online resources that are available.

Numerous online research resources can be accessed, including all those available via the Libraries' Website, ANTPAC, CDL/MELVYL® and the Internet. This includes thousands of electronic journals, databases, and many other scholarly sources. Software available on all workstations includes Microsoft Office (Word, Excel, PowerPoint), Secure Telnet for e-mail, Absolute FTP, Netscape Navigator, Internet Explorer, SPSS, and SAS. Library staff are available during all open hours to provide basic assistance.

The Gateway Study Center lab has 25 workstations, provided in collaboration with NACS. The lab is open until 3:00 am most nights; 24-hour access is provided during 10th and finals weeks.

The Multimedia Resources Center (MRC, 1st floor, Main Library) lab has 22 workstations. In addition to the standard software described above, a wide variety of machine-readable data files are available, including governmental data and the Social Science Data Archives. For MRC hours, visit **http://www.lib.uci.edu/hours/mlspr.html#mrc**.

The Technology Enhanced Classroom (TEC, 2nd floor, Main Library) lab has 28 workstations and is open Monday-Thursday from 6-11pm whenever library instruction is not scheduled.

Steve MacLeod
Head of Main Library
*Research & Instructional Services*

Mesoamerican Códices Exhibit

An exciting new exhibit titled *Realms of the Sacred in Daily Life: Early Written Records of Mesoamerica* opened in the Muriel Ansley Reynolds Exhibit Gallery in the Main Library in March. The exhibit highlights and interprets the extraordinary pictographic manuscripts produced by Mesoamerican cultures, including the Aztec, Maya, and Mixtec, before and immediately after European contact.

Prior to the arrival of European explorers in the Western Hemisphere in the late 15th century, the Americas were populated by 40 million people who spoke more than 1,000 languages. Indigenous cultures in the Americas ranged from the rudimentary and nomadic, in which basic survival was the primary goal, to sophisticated civilizations that had impressive architecture, advanced knowledge of astronomy and mathematics, and elaborate political and social institutions. Today we can study many of these cultures through the achievements that have survived the ensuing centuries: their buildings and cities, monuments and statuary, pottery, murals, and books, known in Latin America as *códices.* (The singular term "codex" is Latin for "book" or "manuscript.") This exhibit focuses on the *códices* produced by cultures of the Mesoamerican region, which extends from central Mexico to Guatemala.
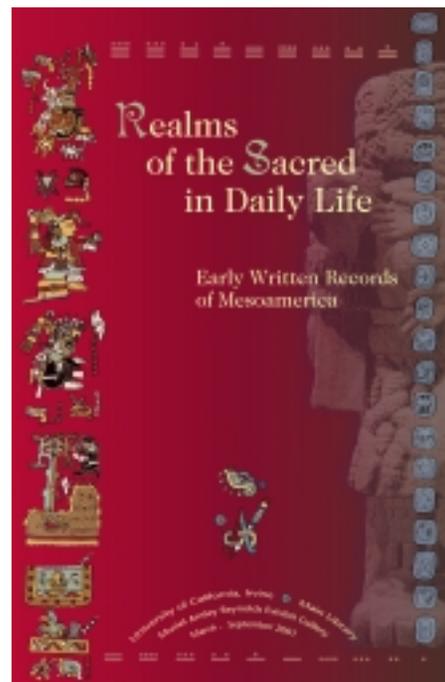
Realms of the Sacred in Daily Life
exhibit poster

Wireless Network and Laptop Loan Program

This innovative program loans laptops and wireless networking cards to UCI faculty and students to support mobile computing. The Multimedia Resources Center (MRC, 1st floor, Main Library) loans 10 laptops, preloaded with wireless cards and a variety of software, as well as 10 wireless networking cards for use in personal laptops. Laptops can be checked out for renewable two-hour loan periods and for use anywhere on campus. Alternatively, wireless networking cards can be checked out for a two-day loan period for use in personal laptops. Users must install and de-install the wireless card software and drivers on their personal laptops. Step-by-step instructions for installing wireless cards are available from the MRC and on the Libraries' Website. Library staff are available in the MRC, or by appointment, to provide assistance with installing wireless cards and with any problems encountered when using the laptops or accessing the wireless network. Once the wireless card is installed, users must register the card with the UCInet Mobile Access service, after which they can enjoy wire-free computing on campus.

The pilot wireless network services are a joint effort of the UCI Libraries, NACS, the Student Center, and the Graduate School of Management (GSM). Wireless access zones are currently available in the Main Library (first, second, and fifth floors), Gateway Study Center, Student Center, NACS Engineering Gateway computer labs, and GSM. Extension of wireless coverage to all floors of the Main Library and the Science Library is being discussed with NACS for implementation later this year. In the fall the Libraries would also like to begin testing the use of a Portable Wireless Electronic Classroom for instructional use in library conference rooms and other academic environments.

Our wireless program has been well received. Users like the convenience of seamlessly linking to different networks as they travel from floor to floor in the Main Library and among buildings. The pilot program also provides an opportunity to assess the state of wireless technology and to study whether convenient computer access to library resources will increase self-directed learning and information literacy. Given the program's focus on innovative technology, library research, and infrastructure requirements, it may become a model for similar efforts to fuse computers, library resources, and learning.

For more information on the new services, visit:

www.lib.uci.edu/wireless
(laptop loan program)

www.nacs.uci.edu/ucinet/mobile
(wireless network)

The Libraries would appreciate feedback on wireless services and the Library Laptop Loan Program. Your input will help us refine these new services to fully meet the needs of students and faculty. Please contact **Susan Lessick, Project Leader of the Task Force on New Wireless Computing Services** at **(949) 824-3696** or **slessick@uci.edu**.

Susan Lessick
Acting Assistant University Librarian for
*Research and Instruction*

D'ailleurs, Derrida: A New Film on Jacques Derrida

The UCI Libraries recently hosted the West Coast premier of an important new documentary film on Jacques Derrida, one of the world's foremost philosophers and critical theorists and a distinguished professor in the School of Humanities. The film, titled *D'ailleurs, Derrida,* is an exploration of Derrida and his ideas that investigates parallels between his personal history and his life's work. It was made by Safaa Fathy, an Egyptian filmmaker, playwright, and poet who lives and works in Paris. As a former student of Derrida's who is closely conversant with his life and work, Fathy's insights make her well qualified to author a film which explores the intersections between them. *D'ailleurs, Derrida* had its world premier in Paris in March 2000; since then it has been shown widely throughout Europe and has been translated into numerous languages. The film, which was shown at UCI in French with English subtitles, was followed by audience discussion with the filmmaker and her subject.

Widely known for his development of deconstruction theory, Derrida initially was educated as a philosopher, but his work has broadened over the years to intersect a wide range of traditional disciplines, including literature, politics, laws, religion, psychoanalysis, and ethnography. He stands as the prototypical symbol of the interdisciplinary realm known as critical theory, which is at the center of the academic programs in the School of Humanities due to the stature and influence of a number of past and present UCI faculty members. Among these have been not only Derrida himself, but also Murray Krieger, J. Hillis Miller, Wolfgang Iser, and others.

The UCI Libraries enjoy a special relationship with Derrida as the home of his extensive archive of scholarly manuscripts and other materials. He joined UCI's faculty in 1986, immediately enhancing the prominence of an already distinguished academic program, and in
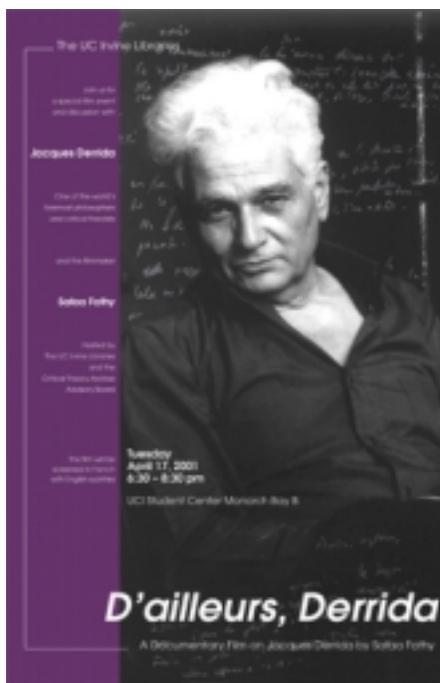
D'ailleurs, Derrida *poster*

1990 he further demonstrated his commitment to the School, the Libraries, and the campus by agreeing to donate his papers. Derrida's astonishing generosity gave birth in a flourish to the Critical Theory Archive, which has grown in the ensuing decade to become a unique gathering of the scholarly papers of distinguished theorists in the Humanities, including the noted

figures named above. Derrida's papers stand at the heart of the Archive and bring international renown to the Libraries. The collection already includes the manuscripts of virtually all of his books, articles, lectures, and unpublished graduate seminars given at UCI and elsewhere. In addition, there are recordings of seminars and lectures, videotapes of conferences and other events, photographic portraits, numerous editions and translations of his books, and more. In the coming years additional materials such as correspondence and press files will be added.

Copies of *D'ailleurs, Derrida* are available on videotape for viewing in the Main Library. Library users with UCI library cards may view the English-subtitled version in the Multimedia Resource Center (1st floor). All library users may view either the English-subtitled version or a longer version without subtitles in the Special Collections and Archives Annis Reading Room (5th floor).

Please contact **Special Collections and Archives** at **(949) 824-7227** for more information on *D'ailleurs, Derrida*, the Jacques Derrida Papers, and the Critical Theory Archive.

Jackie Dooley
Head of Special Collections and Archives

Libraries' Partners Support Excellence and Learning

The Partners of the UC Irvine Libraries is a support group dedicated to advancing the Libraries' role as a center of excellence for the campus and community. Community support and involvement is critical to the Libraries' ability to enrich and expand its collections, as well as to keep pace with advances in research, new scholarly initiatives, and rapidly changing information technologies, especially during this period of tremendous growth at UCI.

The Partners bring the campus and community together in the Libraries via events held throughout the year, such as exhibit openings, lectures, and readings. Through these events, members learn about the Libraries' impressive collections and resources, and explore new areas of the campus that may have been otherwise unknown to them.

Partners of the UCI Libraries receive a variety of benefits. Please contact the **Libraries' Development Office** at **(949) 824-4658** for further information about becoming involved with the Partners and the many opportunities that are available to support the excellence of the UCI Libraries.

East Asian Exhibit: Chinese Ideograms and Romanization Systems

The spring exhibit in the East Asian reading room (basement, Main Library) traces the evolution of Chinese ideograms within the context of various literary forms.

Chinese writing, like that of many ancient civilizations, originated in the form of simple pictographs. While other languages adopted, at least in part, alphabetic or syllabic systems of writing, the Chinese have maintained the tradition of using characters, or *ideograms*. One reason may be that Chinese is principally a monosyllabic language. As the language evolved, the Chinese syllable developed an increasingly simple phonetic structure. For each ideogram, this consisted of a basic syllable, plus a movement in the fundamental pitch of the voice known as *tone*. This simple phonetic structure was facilitated by the complex written form of the Chinese language.

Ideograms, or "square scripts," as Chinese characters are usually called, are particularly well suited for the parallels, couplets and palindromes found in literature. The monosyllabic and tonal characteristics of the oral language enable the creation of short essays with one sound and one rhyme.

Arnold Toynbee once predicted that by the year 2050, Chinese characters would become the international standard for visual code used in communications, just as Arabic numerals have become the international standard for written numbers (*Surviving the Future,* 1971). As the UCI Libraries launch a Chinese Romanization Conversion Project to change our catalog records from the Wade-Giles to the Pinyin romanization system, we are pleased to reacquaint our users with the Toynbee theory. Romanization in online catalog records is, we hope, only a temporary substitute for ideograms. Our ultimate goal is to make the original Chinese characters accessible in our online catalogs.

William S. Wong, East Asian Librarian

Mesoamerican Códices

Numerous civilizations produced *códices*, which were considered sacred documents. They recorded history, genealogies, astronomical charts, divinatory tables, calendars, and religious ceremonies. *Códices* were consulted on a daily basis to determine advantageous times for planting crops, to perform religious ceremonies at the proper times and in the proper way, to trace the path of the stars, to recall the history of the people, and to predict the fate of individuals and entire cultures. These manuscripts, each one unique, provide a window into the beliefs and values of these early Americans.

Códices were made of bark paper (made from fig trees or agave plants) or deer hide. The base material was prepared with a gesso-like base, glued together to form long strips, folded accordion style, and finally painted with ritual, numeric, and calendric images. Paintbrushes in many sizes were used, usually made from rabbit skin. The paints were made from minerals dissolved in water, similar to European watercolors. A cover made of wood or animal hide was sometimes added to protect a codex. Specially schooled artist-scribes created the manuscripts, thereby playing an important role as keepers of history and knowledge. They were honored and consulted as wise ones. In the Aztec culture, artist-scribes known as *tlacuilos* were assigned to temples, tribute houses, markets, palaces, and other sites in order to document daily life.

During the conquest and colonization of Mexico and Central America, Spanish priests deliberately destroyed countless *códices*, considering them pagan and dangerous to the spread of Christianity in this newly-conquered outpost of the Spanish Empire. Many other *códices* were lost in battles, such as during the siege of Tenochtitlán (the principal city of the Aztecs and seat of their Empire) in 1521. Of the few surviving *códices* created before European contact, most were sent initially to the King of Spain as trophies or curiosities from the conquered civilizations. Today most of the original manuscripts are in museums and libraries in Europe and available for use by specialist scholars. The *códices* on exhibit are photographic facsimiles from the UC Irvine Libraries' Department of Special Collections and Archives that have been published over the years to enable widespread access to these precious texts.

The exhibit was curated by Jacobo Sefamí, Chair of Spanish and Portuguese, and Dawn Anderson, Romance and German Literatures Librarian, with contributions by Professors Ivette Hernández-Torres and Juan Bruce-Novoa of the Department of Spanish and Portuguese. The standing-room-only opening event, sponsored by the Partners of the UC Irvine Libraries Partners, featured a lecture by Dr. John Pohl of UCLA's Fowler Museum of Cultural History. Dr. Pohl spoke on the significant role played by *códices* in the daily lives of the Mesoamerican people, as well as their ongoing importance as a rich record that enables our growing knowledge of the history of Mesoamerica.

The exhibit continues through October 2001 and is open to the public during all Main Library open hours. A complete checklist is available on the Web (**http://www.lib.uci.edu/mesoam.html**) and in the exhibit gallery. Guided tours are available by appointment. Please contact **Dawn Anderson (949) 824-2766** or **andersod@lib.uci.edu** for more information.

Dawn Anderson
Romance & German Literatures Librarian

eBooks Have Arrived!

What are eBooks? They are electronic versions of printed books that can be "checked out" and read online using any computer connected to the Internet. They can then be read online, downloaded, or selectively printed. And all this from your desktop; no trip to the physical library is necessary.

The UC Irvine Libraries have begun offering access to eBooks on a trial basis in order to gain experience in how readers use them, learn what new readership patterns are emerging on campus, and respond to the increased availability of books in electronic format.

Bibliographers in all subject areas have selected a total of 638 titles for UCI's collection. Most are recently published titles. There are works in

many genres and from numerous publishers. UCI has leased the books for the duration of the trial from netLibrary, a firm based in Boulder, Colorado that is one of the largest suppliers of electronic books.

Library users can search for eBooks selected for UCI's collections in three ways:

netLibrary's UC Irvine eBook Collection search screen

- Go to Antpac Web (**http://antpac.lib.uci.edu**), click on "Featured Lists," and select "E-Books at UCI."

- Go to the netLibrary Website (**http://www.netLibrary.com**) and select a type of search from the pulldown list on the main navigation bar. Keyword, full-text, title, author, and subject searching are all available.

- Search Antpac Web in the usual manner (by author, title, subject, keyword, call number, etc.). Titles retrieved that are eBooks will be clearly indicated in the catalog record display. Click on either "Go to netLibrary Preview" or "Check this book out of netLibrary."

Library Workshops Teach Technology Skills

The UC Irvine Libraries offer a quarterly series of workshops designed to meet the needs of UCI faculty, staff and students. Some workshops teach skills in searching major online research tools such as *Digital Dissertations, Journal Citation Reports, PubMed MEDLINE, SciFinder Scholar, Sociological Abstracts,* and *Web of Science.* Other workshops teach general online skills, such as Using EndNote 4.0, Finding Statistical Information, Searching the Web, and Current Awareness. These hands-on classes are free. Preregistration is requested. For more information and to register for any workshop, please visit :

http://www.lib.uci.edu/serv/classes.html

The Southeast Asian Archive: A National Resource

The UCI Libraries, in cooperation with the Asian American Studies Program and the History Department, were delighted to welcome Dr. Franklin Odo, Director of the Smithsonian Program for Asian Pacific American Studies, to campus in February. Dr. Odo spoke to a large campus and community audience on "The Smithsonian Institution and Southeast Asian Communities," followed by a dialogue on the importance of saving cultural histories and making them accessible to the public. Preceding Dr. Odo's talk, Mr. Yen Do, Chair of the Southeast Asian Archive Advisory Board and the founding editor of *Nguoi Viet,* Little Saigon's major newspaper, was honored for his efforts in promoting the Southeast Asian

Archive within Orange County's Southeast Asian American communities. Professor Ketu Katrak, Director of the Asian American Studies Program, introduced Asian American Studies faculty to the gathering, including several newly-hired professors. She stressed the important role that the Archive plays in supporting UCI's academic programs.

White at UCI Dr. Odo visited the Southeast Asian Archive, examining its holdings and discussing collecting with Southeast Asian Archive Librarian Anne Frank. He considers UCI's Archive to have the largest and strongest collection of materials on Southeast

The Maya Lin Project: A Collaboration

Internationally acclaimed architect and artist Maya Lin, celebrated for her Vietnam Veterans Memorial in Washington, D.C., "The Wave Field" at the University of Michigan, and other major environmental art installations, has been commissioned to design an outdoor plaza for UC Irvine's School of the Arts and an entrance to the School at West Peltason and Pereira drives. The construction of the plaza and entrance is scheduled for completion by summer 2002. University Librarian Gerald Munoff and Claire Trevor School of the Arts Dean Jill Beck are working together to extend the value of the Maya Lin Project to the campus and the scholarly community by creating a diverse learning and research environment surrounding the project.

Maya Lin

photo by Cheung Ching Ming

Project Archive: Essential to extending the research and learning value of the project is the establishment of the Maya Lin Project Archive in the Libraries' Special Collections and Archives. Original materials such as architectural drawings, photographs, and project reports will be collected to document the design process, the construction,

and the ongoing impact and importance of the project.

Library Exhibition: Drawing on the Project Archive and material from Maya Lin, the Libraries and the School of the Arts will co-host a program featuring a library exhibit and a public lecture on the design of the project.

Maya Lin Project Publication: A major publication will be issued in both print and online; the online version will include multimedia hyperlinks to additional materials. The publication will include chapters on the genesis of the project written by Dean Beck; a description of the project archive and its role in extending the learning and research potential of the project written by University Librarian Munoff; and a statement by Maya Lin on the intellectual and design issues involved. These will be followed by essays and multimedia compositions exploring a wide range of issues related to, or evoked by, the Maya Lin project.

In February 2001, a call for proposals was issued to the UCI scholarly community which resulted in successful submissions from faculty in the Schools of Humanities, Arts, Social Sciences, and Social Ecology. Research proposals included an essay on the role of public art in crafting race relations; a photodocumentary of the Maya Lin Plaza installation; a video presentation composed of choreography, music, text and computer graphic imagery inspired by Lin's themes in the project; an essay, drawing on extensive community interviews, discussing connections between innovative public space, the university, and social issues; an essay derived from using Lin's design as an analytical device with which to reflect on the historical conceptions of space in Orange Country; and a project that seeks to reflect upon the role

of naturalistic public arts displays in the perception of restorative environments within academic campuses located in urban areas.

Eleanore Stewart
Assistant Dean, School of the Arts

Southeast Asian Archive
Continued from page 6

Asian Americans in existence and looks upon it as a national resource. He also met with community leaders in Little Saigon, an event that was captured on video and streamed live to the Internet. The UCI Libraries look forward to working with the Smithsonian on ways to promote the resources of the Southeast Asian Archive.

Anne Frank
Southeast Asian Archive Librarian

eBooks Have Arrived

Once a particular eBook has been selected, the entire book as published is available online, including the title page, table of contents, text, images, bibliographic references, and index. Readers can choose to turn pages in sequence or go directly to a specific page number. The contents of the books are also searchable, either one book at a time, or all the books selected by UCI simultaneously.

Each user must register with netLibrary in order to browse or borrow eBooks. Most titles can be checked out for 24 hours; those designated as reference books can be checked out for 4 hours. Overdue notices are a thing of the past: eBooks are automatically "returned" when the loan period expires. As with physical books, only one person at a time may check out a particular title.

In addition to the books selected by UCI librarians, netLibrary make available a "public" collection of eBooks that are classic works of literature and history in the public domain. (All netLibrary eBooks other than those in the public collection are under active copyright.) Finally, access to other eBook collections that have been licensed by the University of California is available via the UCI Libraries Website:

**http://
www.lib.uci.edu/
rraz/ebooks.html**

UCI librarians are participating in a UC systemwide task force that is defining operating guidelines and desirable features that will make eBooks as useful as possible for instruction and research. The task force also will evaluate eBook experiences at all UC campuses via independent netLibrary experiments, examine eBook experiments at other universities and from other content providers; and identify systemwide strategies warranting further exploration.
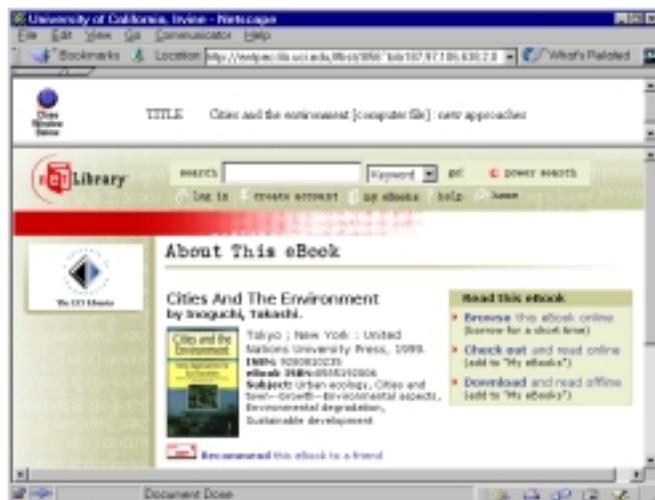
Accessing a netLibrary eBook via Antpac.

These are important and exciting times for readers. eBooks can be accessed and read from your desktop, and the list of available titles will grow as publishers recognize the growing market for eBooks among diverse populations of readers.

For further information about eBooks at UCI, please consult reference desk staff at any UCI library.

*Julia Gelfand
Applied Sciences
& Engineering Librarian*