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I. Collections, services, and systems

A. Collections

Most collections are developed to support campus teaching and research initiatives or as larger preservation and access efforts for the scholarly community at large. The main units involved in development of digital initiatives within the Emory libraries are:

o The Beck Center for Electronic Collections and Services - focusing primarily on texts in the humanities
o The Electronic Data Center - focusing primarily on the identification and management of quantitative data sets appropriate for research in the social sciences
o Hugh MacMillan Law Library - serving as the official digitizing and service point *Federal Court Finder*, the electronic full text archive of decisions handed down by Federal Circuit Court s of Appeals
o Health Sciences Center Library - focuses on MedWeb, a widely acclaimed gateway to biomedical Internet sites

- o Pitts Theology Library - serving as the digital archive for the SELA Full text journal project (the foundation for the expanded ATLAS full text e-journal collection maintained by the American Theological Library Association)
- o Preservation and Conservation - focusing on both print and non-print materials, including audio and video, held in the Emory libraries
- o Special Collections and Archives - focusing on print and non-print materials in its collections, notably in Irish and African-American literature

Among the digital collections currently offered:

The Belfast Group Sheets

In 1963 Philip Hobsbaum, a recently-arrived lecturer in English at Queen's University, Belfast, organized a writing workshop made up of students, faculty, and a number of writers from the local community. The Group, as it has come to be known, met regularly during term. When Hobsbaum left Belfast for the University of Glasgow, Seamus Heaney assumed responsibility for organizing the meetings. Later Michael Allen and Arthur Terry, both lecturers at Queen's, played organizational roles as well.

The Belfast Group ceased altogether in 1972 at a time when a remarkable number of the participants had published their first collections and launched promising literary careers. The participation of so many talented writers ensures that the Group will remain of lasting interest to scholars and literary historians.

The original Group sheets, from which these searchable electronic texts have been prepared, are housed in the Special Collections Department of the Robert W. Woodruff Library of Emory University and in the Irish Collection of the Queen's University Library. This digital collection forms one part of Emory's larger **Poetry Portal** (see below). http://chaucer.library.emory.edu/irishpoet/

The Civil War in America from the *Illustrated London News* (ILN)

A searchable text base of articles from the ILN documenting the Civil War. The search interface is available for v. 38, and the ILN is now browseable as well both by article title and by illustrations. http://chaucer.library.emory.edu/iln/

Constituent Mail Analysis

The Constituent Mail Analysis Project (CMAP) explores the possibilities for studying constituent mail using congressional correspondence management system files generated by the United States Senate Computer Center.

Sam Nunn represented Georgia in the U.S. Senate from 1972 to 1996 and his papers, now at Emory University, provide an example of the types of benefits and challenges offered by correspondence management systems. CMAP has used the Nunn databases in its pilot project to demonstrate the kinds of studies that might be done using such data. CMAP

focuses in particular on constituent interest in and opinions on legislative issues as expressed in their correspondence with Senator Nunn. In the future, Emory's Electronic Data Center hopes to include data from other U.S. Senators to allow researchers to compare the mail received in different offices.
http://sal.library.emory.edu/cmap/index.html

Data Sets and Geographic Information Systems

The General Libraries Electronic Data Center distributes popular data sets in a variety of subject areas. During the 2003-04 academic year, the interface for accessing this collection of data sets was migrated into a new XML database using the Data Documentation Initiatve metadata standard (http://www.icpsr.umich.edu/DDI/) so as to ensure more efficient searching capabilities.

In addition, the EDC allows users to create subsets of two large and commonly-used datasets - Elections in Western Europe since 1815 and the

IMF Direction of Trade Statistics. Users also have access to a limited number of geographic information systems data. http://einstein.library.emory.edu/

Electronic Poetry Project

An indexed, keyword searchable collection of several commercially available electronic poetry collections and a compilation of manuscript poems of the Belfast Group owned by the Emory libraries. New commercial and unique manuscript works are being continually added to this digital collection, mounted and maintained by Emory's Beck Center for Electronic Collections and Services. See **Poetry Portal**, below
http://chaucer.library.emory.edu/irishpoet/

Emory Women Writers Resource Project

Working with faculty and graduate students for Emory's English Department, the Beck Center is creating both HTML and SGML versions of selected works by American and British women. Spanning the 17th - 20th centuries, many of these digital versions include have been edited and annotated for in-depth analysis and scholarly research.
http://chaucer.library.emory.edu/wwrp/index.html

Federal Court Finder

An electronic full text collection of decisions handed down by the eleven Federal Circuit Courts of Appeal. This site serves as a full-text archive for decisions handed down in the Federal Circuit Courts back to 1994. Current decisions are encoded and added within 24 hours of their public release. http://www.law.emory.edu/FEDCTS/

French Revolution Pamphlets Collection

The result of an ongoing partnership between the Beck Center and Special Collection s. Of the 3000 pamphlets held by Special Collections, we are in the process of publishing 89 literary and satirical works which are not available in electronic form at any other digital repository. This site serves both as a digital archive and a research portal to these materials. http://chaucer.library.emory.edu/frenchrevo/

Irish Literary Collections Portal

Provides access to a fully searchable array of finding aids for the Irish literary manuscript collections held by Emory University's Robert W. Woodruff Library Special Collections and Boston College's John J. Burns Library of Rare Books and Special Collections. By electronically bringing together two of North America's finest collections of Irish literary manuscripts and rare books, this site enhances public access to these important and complementary collections.

Emory's Irish Literary Collections focus on two main areas: the correspondence, manuscripts and related papers of W.B. Yeats and his circle, as well as the literary archives of many of Ireland's finest contemporary poets. Boston College's Irish Literary Collections also concentrate on the major Irish literary renaissance figures and the contemporary poets.

The findings aids for this project have been encoded using the EAD.DTD, Version 2002, an XML-compliant data structure developed and maintained jointly by the Society of American Archivists and the Library of Congress. At present this collection remains separate from Emory's Poetry Portal, but plans are being developed not only to incorporate this collaborative collection, but also add records from other academic repositories in the future.
http://irishliterature.library.emory.edu

The Martyred President: Sermons Given on the Occasion of the Assassination of Abraham Lincoln

A browseable and searchable database of 57 sermons on the assassination of Abraham Lincoln based on collections held in Emory's Pitts Theology Library.
http://chaucer.library.emory.edu/lincoln/html/

MedWeb

MedWeb, is a catalog of health related web sites, maintained and updated by the Emory Health Sciences Center Library. Searchable by more than 100 broad subject headings, focusing primarily on biomedical information. Each Internet site is regularly reviewed and audited by HSCL staff for content and reliability.
http://www.medweb.emory.edu/Medweb/

Medieval Cartularies

Working with faculty and graduate students from Emory's Medieval Studies program we plan to publish a series of digital editions of cartularies. To date we have digitized St. Aubin (abbey, Angers, France) Cartulaire de l'abbaye de Saint-Aubin d'Angers. (Paris: A. Picard, 1903). Searchable versions of both Tome I and Tome II are available.
http://chaucer.library.emory.edu/charters/html/index.htm

Merton Diaries

As part of a larger project to digitize the personal papers of Thomas Merton, Emory's Pitts Theology Library and the General Libraries Beck Center have mounted a browseable HTML version and a searchable SMGL version of Merton's **Red Diary.**
http://chaucer.library.emory.edu/merton/Red_Diary_Home.html

The Poetry Portal

In the fall of 2003 the Beck Center launched an electronic gateway that supports cross-database searching of five commercial and in-house digital collections of poetry by author, title, subject, time period, and first line. Each of the collections also can be searched individually by keyword. Poems, either individually or in groups, can be linked to our campus course content engine, BlackBoard. http://poetry.emory.edu

SAGE: Selected Archives at Georgia Tech and Emory

A collaborative digital project initially undertaken by the Georgia Institute of Technology and Emory University, the SAGE Project shared their expertise in various areas to digitize selected texts, photographs, and audio/video recordings from several collections held at Emory University. Among the collections covered are the Sam Nunn Papers, the Ralph McGill papers, the Witness to the Holocaust project files, and the records of the Young Women's Christian Association (YWCA) of greater Atlanta. Emory chose to use only open source software in its implementation. The archive has not been updated since its conclusion in 2000.
http://sage.library.emory.edu/

Sermon at the Funeral of Dr. Martin Luther

This English translation of the first edition of Johann Bugenhagen's funeral sermon for Martin Luther was digitized in commemoration of the 450th anniversary of Martin Luther's death. The funeral sermon is reproduced in facsimile, with the introduction and English translation of Prof. Kurt K. Hendel.
http://chaucer.library.emory.edu/luther/luther_site/luther_frame.html

Southern Changes Online

Southern Changes, published by the Southern Regional Council is the major house organ of the SRC, a leading force in the Civil Rights Movement. The archive spans from 1978 to 2000. To date vols. 4-14 have been converted into a searchable database; we are in the process of digitizing vols. 1-3 and 15-20.
http://chaucer.library.emory.edu/schanges/southernchanges.html

B. Services

Beck Center for Electronic Collections and Services

The Lewis H. Beck Center for Electronic Collections and Services promotes and supports the use of scholarly electronic collections by Emory University faculty, students and staff. To this end, the Beck Center actively acquires and makes available for research and instructional purposes the rapidly expanding corpus of full-text databases and multimedia titles which comprise electronic collections. The Beck Center also seeks to provide leadership in the realm of electronic collections by identifying new technologies in support of the scholarly research process and by serving as an advocate for the Emory community's needs. http://chaucer.library.emory.edu/

Cox Computing Center

The Cox Computing Center is Emory's state of the art collaboration lab for Emory faculty and students. Outfitted with specially designed furniture and equipped with leading edge hardware and software, the facility is the perfect location to practice PowerPoint with fellow presenters, review online material as a group, complete iMovie assignments, or just relax with a cup of coffee while using the rental laptops and wireless network.
http://it.emory.edu/showdoc.cfm?docid=1179

ECIT - Emory Center for Interactive Teaching

Emory's Center for Interactive Teaching (ECIT) provides support personnel and facilities to assist Emory faculty with incorporating interactive multimedia technologies into the teaching experience. Since its inception in 1996, a wide array of primarily Web-based technologies have been explored, including: Web site authoring, digital audio and video editing, electronic bulletin boards, virtual collaboration spaces, Web-based testing/student tracking and various video-conferencing and teleconferencing systems. The Center's combination of technology-based learning systems and support from its knowledgeable staff continue to enhance the teaching experience in new and exciting ways.

In the summer of 2004 ECIT was expanded with the addition of another wired classroom adjacent to the main ECIT space. This new facility makes use of truly transparent technology. During class times the facility operates as a fully-wired classroom using wireless technology, laptop computing, and projectors and display screens. At night and

on weekends the screen and projector automatically fold into the room's ceiling and the facility is turned into an open study space for student use.
http://www.ecit.emory.edu/

Electronic Resources@Emory

An attempt to provide more streamlined access to the numerous electronic and print information sources available to Emory students, Electronic Resources@Emory brings together key resources by broad category (e.g. encyclopedias), by subject (e.g. resources in Anthropology), as well as general guides to effectively searching the Web and online lists of instructional sessions and workshops.
http://web.library.emory.edu/services/ressvcs/dblocator/

Electronic Data Center

Emory's Electronic Data Center provides researchers and students with access to several thousand data sets covering diverse subjects such as criminal justice, electoral behavior, health indicators, international relations, public opinion, and economic development. Interested Emory researchers may access our internal data holdings anytime through an on-line catalog developed in partnership with Emory's Information Technology Division. Or, users may request that EDC acquire data from external sources such as the ICPSR, the US Government, and many other data providers. In some instances users can even work with the data online. A cluster of high-end workstations equipped with the latest software applications is located in the EDC to facilitate research.
http://einstein.library.emory.edu

Electronic Document Delivery

EDD provides digital copies of journal articles or tables of contents from materials in the Emory libraries off-site storage facility, the Materiel Center. Digital copies are made available to users on a library web server in the Adobe PDF format. The hardware component consists of a Xerox Document Center utilizing Adobe Acrobat for converting files from various image formats to PDF.

Electronic Reserves (Reserves Direct)

The General Libraries' Electronic Reserves Project seeks to expand the scope of the traditional reserve reading list to include both print and electronic formats, and provide a single, comprehensive list for all materials needed for a particular course. Electronic reserve materials can include class Web sites, Web-based conferences, electronic journal articles, or scanned images of course-related documents. These electronic materials can be accessed directly through WebCat, the web based version of the library catalog, EUCLID. Students search for their reserve list in the library catalog, and when an electronic version of the material is available, can click on a hyperlink within the reserve record to access that material. Electronic access to reserve material offers greater convenience in that students can access this material at any hour using the Internet.

Using open source programming that is made available free of charge to other libraries worldwide, Emory's *Reserves Direct* system makes placing materials on reserve in the library for each class as simple as can be. Faculty have the option not only of adding their own photocopies by fax, but also of sorting reserve items by author, title or syllabus. They also can easily carry over items repeated from earlier semesters, annotate items with comments or instructions right online, or add URLs themselves, all of which become available to the user instantly."
http://ereserves.library.emory.edu/documentation/faculty/

Ejournals@Emory University Libraries

The eJournals @ Emory University Libraries database includes links to online, full text journals to which Emory's libraries have paid subscriptions, either directly through the publisher or through licensed databases and other resources to which Emory has access. The eJournals @ Emory UniversityLibraries database does not yet represent a complete and comprehensive listing of such journals, but its coverage will expand rapidly.
http://ejournals.emory.edu/resources/ejmdb/

InfoCommons

The InfoCommons is both a desktop and a service environment supporting users in locating, collecting, and manipulating information. The space and service supports collaborative learning and research and are adaptable and expandable to accommodate changes in technology. The InfoCommons currently provides 24-x access to more than 200 workstations, both PC and Mac, incorporating both dedicated lines and wireless technology utilizing DHCP and Macintosh Airport Bases. The InfoCommons software suite provides access to library catalog, email, WWW and GALILEO, conferencing systems such as BlackBoard and FirstClass, and host of MS Office applications. In addition, several "special use" workstations have been further equipped with a range of high-end Web authoring and development applications ranging from Adobe PhotoShop and DreamWeaver to SPSS and Sigma Plot. http://infocommons.emory.edu/

Language Lab and Classrooms

Managed on behalf of the Emory College Language Center but open to the campus, the Language Lab offers Emory students a state of the art facility for reviewing online audio and video language instruction in Woodruff Library. Additionally, Emory's sixteen language programs are supported in browsing and word processing, with special functionality available to non-roman language character sets like Arabic, Chinese, Hebrew, Hindi, Korean, Japanese, Persian, Russian, and Sanskrit.
In addition to the main language lab, several state-of-the-art multimedia language classrooms have been designed and installed in renovated seminar rooms located in the stacks of the Woodruff Library. These new facilities offer a wide range of hardware and software systems in support both in-class language courses and student practice and study outside of class. http://it.emory.edu/showdoc.cfm?docid=1191

Marian K. Heilbrun Music and Media Library

Located on the fourth floor of the Center for Library and Information Resources of the General Libraries, the Heilbrun Library offers facilities and environments conducive to studying, listening and viewing, computing, and conducting research in music and media study/ The Library provides access to both print and electronic information resources, audio and video streaming, language labs, and research and classroom facilities..
http://web.library.emory.edu/libraries/music/

Wireless Networks

As part of our continuing effort to provide easy access to information resources, the General Libraries, in collaboration with Emory's Information Technology Division, installed a wireless DHCP network in selected areas of the General Libraries by 2001. This was the first and largest wireless installation on campus, supporting the use of student laptop connectivity anywhere in the facility. The installation has been so well received that Emory's Student Government Association endorsed the installation of numerous "public commons" wireless zones throughout the campus, a project that will be implemented during the 2004-05 academic year. The first building/area-wide installation will be the General Libraries. Installation is due to be completed by December 2004.

C. Systems

The libraries have adopted use of Extensible Markup Language (XML), the Text Encoding Initiative (TEI), Dublin Core, the Encoded Archival Description (EAD), and SPSS and Stata statistical analysis software for digital information resources developed on campus. Extant digital collections previously developed on campus gradually are being migrated into XML. All current and future digital initiatives will be developed using the above markup standards.

EUCLID Integrated Library System (SIRSI)

EUCLID is our complete system for automating and administering the Emory libraries technical and public services functions, using the SIRSI integrated library system.
http://www.library.emory.edu

ILLiad Interlibrary Loan System

Emory has implemented OCLC's ILLiad as a comprehensive ILL management system that automates routine borrowing and lending activities. ILLiad seamlessly integrates borrowing, lending, and electronic document delivery in one interface.
http://www.library.emory.edu/uhtbin/nph-illiad

SFX

In FY 2003-04 the Emory Libraries implemented *Ex Libris'* SFX software with their integrated library system. SFX allows us to dynamically create links that fully integrate their information resources regardless of who hosts them -- the library itself or external information providers. The user is presented with context-sensitive links that are dynamically configured on the basis of our institution's electronic collections, both locally produced and commercially licensed. Emory undertook this installation in collaboration with many other academic libraries in the statewide GALILEO database consortium.

II. Projects and programs

A. Projects

African American Cinema Collection (in development)

The African American Cinema Collection presents posters, lobby cards, and press books from the 1920s to the 1990s.This collection is unique in the Southeast and illustrates the often-delicate business of selling race-related movies to white and black audiences. The strength of the collection resides in the period from 1920-1980, which can be divided into four chronological and thematic topics: race films (1920-1949), "integration" motion pictures (1950-1959), movies that reconsider the South (1960-1969), and blaxploitation films (1970-1980).

The collection is keyword searchable. Due to copyright constraints on this ephemeral material, no digital representations of collection materials are as yet available.
http://zenodotus.library.emory.edu/AfAmCinema/index.html

Danowski Poetry Collection (in development)

In 2004 Emory University's Special Collections Department acquired the Danowski Poetry The collection, considered the largest ever built by a private collector, comprises some 60,000 books as well as tens of thousands of periodicals, manuscripts, correspondence and other materials, and makes the university one of the world's most renowned destinations for the study of contemporary English-language poetry.

A retired London art dealer who now resides in South Africa, Danowski began his efforts in the 1970s. Soon he became a full-fledged bibliophile, and as years passed and his collection grew, Danowski and his books began to attract interest themselves. He formed Poets' Trust, a foundation to manage the collection, and soon his obsession with building the library became an obsession with finding a proper home for it. But there was one problem: By the early '90s, Danowski's collection was so massive that selling it whole would be impossible; no single buyer could pay what it was worth. He would either have

to break it up or essentially give it away. Once he learned the kind of home Emory would provide for the collection, Danowski chose the second option.

By early 2005 an inventory of the entire Danowski Poetry Collection will be mounted online, searchable by author, title, and possibly by keyword. For more information on the collection consult David Faulds, Special Collections Cataloger, dfaulds@emory.edu, 404-712-2612.

Holocaust Denial on Trial: David Irving vs. Penguin Books and Deborah Lipstadt (in development)

In 2000 British Holocaust denier David Irving sued Emory University professor Deborah Lipstadt and her British publisher, Penguin Books, for libel. Their London trial made headlines around the world. Despite England's draconian libel laws, Lipstadt and Penguin not only won resoundingly but also exposed the inner workings of the deniers, who distort 20th century history in order to promote 21st century anti-Semitism and white supremacy.

This site is built around the defense's groundbreaking research, the riveting trial-room testimony, and the judge's historic opinion which found Irving to be a "right-wing pro-Nazi polemicist" who "deliberately misrepresented and manipulated historical evidence."

Phase 1 of this project has been completed with the mounting of HTML versions of the trial transcripts, evidence, and related reports. Phase 2 will involve TEI encoding of these materials. Phase 3 (as yet unfunded) proposes enhanced semantic Web searching and the development of educational modules for use in grades 6-12 and college courses. http://www.hdot.org/ieindex.html

Journal of Cognitive Affective Learning - JCAL (in development)

An open-access digital journal debuting this month, JCAL is a peer-reviewed journal dedicated to disseminating research on holistic educational practices that focus on the significance of the cognitive-affective relationship in promoting deep and enduring learning. Access to the journal (articles and services) is free of charge. JCAL publishes theoretical papers, original research reports, literature reviews, and extended reviews of selected books.

This new publication is a collaborative effort of Emory's Oxford College Library and Oxford College Department of Psychology. This resource will be published via the Open Journal Systems (OJS), an electronic management and publishing system for refereed journals developed by the Public Knowledge Project. The OJS system will provide comprehensive indexing of published articles using the Open Archives Initiative (OAI) protocol for metadata harvesting and as an OAI registered site will be broadly accessible as a part of global system of scholarly resources. The journal will be archived for future scholars via the LOCKSS system (http://lockss.stanford.edu). The LOCKSS system was

developed at Stanford University and is supported by Mellon Foundation funding. Emory University is an active participant in the LOCKSS project. http://www.jcal.emory.edu/

Luna Imaging InSight Installation (in development)

In 2003-04 the Woodruff Library and Emory's Information Technology Division collaborated on the installation of Luna Imaging's InSight digital image software and oversaw the digitization of more than 120,000 slides from the university Visual Resources Library. Planning also was underway to utilize InSight software to mount and access The Mellon Foundation's ArtSTOR visual image collection when that initiative unexpectedly announced it would be using its own locally-developed viewing application.

Over the next academic year we will launch a hosting project with ArtSTOR to mount a mirror image of our Visual Resources digital library as a private "local collection" on ArtSTOR's servers, and compare its utility to that of the Insight viewer. This effort will provide a useful testbed for local hosting services being explored by ArtSTOR and afford our campus a crucial comparison of functionalities of the two major digital image viewers now on the market. For more information on this imaging project consult Kim Collins, Art History Librarian, Woodruff Library, kcolli2@emory.edu, 404-727-2997, or David Lower, ITD Academic Technologies, dlower@emory.edu, 404-727-5115.

MetaScholar initiatives

The MetaScholar Initiative at Emory University's Robert W. Woodruff Library encompasses several projects that provide meta-information for scholars: useful information about scholarly information and special collections held by archives, libraries, museums, and other repositories. The MetaScholar Initiative currently is comprised of five projects, among them MetaArchive (http://metaarchive.org/), MetaCombine (http://www.metascholar.org/metacombine.html), Music for Social Change , and Southern Spaces (http://www.southernspaces.org/). This Initiative is creating new models for sharing meta-information and portal services for scholars in focused research areas.

In September 2004, the General Libraries and its MetaScholar Initiative was awarded a grant from a Library of Congress-based effort as part of the National Digital Infrastructure and Information Preservation Program (NDIIPP). As one of eight funded projects,: Emory University and its partners (the University of Louisville Libraries, Virginia Polytechnic Institute and State University Libraries, Florida State University, Auburn University Libraries, Georgia Institute of Technology Library and Information Center. This project will develop a MetaArchive of Southern Cultural Heritage (www.metaarchive.org) by creating a distributed digital preservation network for critical and at-risk content relative to Southern culture and history.

The partners will select and preserve institutional digital archives, as well as ephemeral works such as online exhibitions and cultural history Web site displays. This body of

digital content includes a wide variety of subjects complementary to Library of Congress collections such as the Civil War, the civil rights movement, slave narratives, Southern music, handicrafts and church history. Amount of award: $690,390.
http://www.metascholar.org/

Southern Spaces

Southern Spaces is a peer-reviewed Internet journal and scholarly forum that provides open access to essays, gateways, events and conferences, interviews and performances, and annotated weblinks on real and imagined places and spaces in the South. Created at Emory University with support from The Andrew W. Mellon Foundation, the Editorial Board currently is commissioning online contextual materials on the South, using ideas of place and space as organizing principles. Southern Spaces also welcomes inquiries from those who are interested in publishing materials on this site.
http://www.southernspaces.org/

Women's Genre-Fiction Project

A subset of Emory's broader Women Writers Resource Project, this effort by the Beck Center will produce a textbase of nearly 300 American and British crime, detective, and romance novels authored by women in the late nineteenth and early twentieth centuries. Funded by a grant from the National Endowment for the Humanities, the novels have been fully encoded in TEI and will be available for searching and browsing in 2005.
http://chaucer.library.emory.edu/neh

III. Specific Digital Library Challenges

Digital Repositories and the Preservation of Digital Information

In the coming year we expect to begin a more extensive study of the preservation and access issues surrounding the possible development of digital repositories. The Emory libraries are at a very early stage of discussion on this topic. We anticipate that several of our MetaArchive initiatives will help us explore this field much more thoroughly.

Open Proxy Servers and Database Security

Delivering online services outside of library buildings and off-campus at universities and colleges continues to be a major and essential part of what we do in libraries. The method that has become standard to support remote access to online services from users' homes and offices is the proxy server, which acts as an intermediary between the remote users and the database servers that the library makes available.

Properly configured, proxy servers can act as "doormen" ensuring that only authenticated users are allowed to pass. Properly configuring proxy servers is becoming a campus-wide

security issue, however, and will definitely require much more institutional focus in the coming year.

The expanding user demand for wireless access to library systems and services also presents related database security issues, not the least of which is authentication for valid Emory affiliates. In the coming year we expect to continue collaborate closely with our campus information technology division to identify support and security issues and develop guidelines and protocols which will equitably balance our users' desires for easy access, any time and any where, with security and commercial licensing requirements.

IV. Digital library publications, policies, working papers, and other documents

Publications

Krowne, Aaron and Martin Halbert. "Combined searching of Web and OAI digital library resources" pp. 143-144, in **JCDL 2004 : proceedings of the Fourth ACM/IEEE Joint Conference on Digital Libraries : Global reach and diverse impact** : Tucson, Arizona, June 7-11, 2004 New York, N.Y. : ACM Press, ; ISBN: 1581138326

For More Information on Emory initiatives reported here please get in touch with Betsey Patterson, Librarian for Research & Licensing librbp@emory.edu, 404-727-0149.