Let’s Get Digital: The Digital Collections Life Cycle

by Rachel Howard, Digital Initiatives Librarian

Since May 1, 2007, a new resource has been available on the Web: the University of Louisville Digital Collections, at http://digital.library.louisville.edu. Perhaps you have already spent some time looking at the early 20th century photographs documenting the people, culture, and natural and built environment of the eastern Kentucky mountains in the Jean Thomas, The Traipsin’ Woman, Collection, and the colorful travel postcards and greeting cards representing nearly a century in the life and travels of an extended Kentucky family in the Newton Owen Postcard Collection. By the time you read this, we will have given you more reasons to visit the website: the Claude C. Matlack Collection of photographs providing a poignant look at the formative years of a mountain settlement school and life in the Cumberland Mountains of Clay County, Kentucky, between 1903 and 1916, plus eighteen illuminated manuscript leaves from Rare Books, were added in August. After you’ve finished browsing and searching through this treasure trove at your fingertips, you may want to know more about how this resource came into being, and the diverse group of skilled workers from across the Libraries and other UofL departments who laid the foundations and continue to build the digital collections.

Although this website—and my position at UofL—are relatively new, Libraries employees have been digitizing materials on an ad hoc basis for years. In Photographic Archives, patrons increasingly requested scans when they ordered photographs for use in publications; University Archives embarked on the task of converting oral histories recorded on audiocassettes to digital files.
that could be burned to CDs; online exhibits and catalogs like *For Love of Learning* provided information about collections, illustrated with a few scanned images. The Libraries also participated in the statewide *Kentuckiana Digital Library*, supplying some images and finding aids. Still, users had to search several different places to find information and digital materials, and the amount and type of information varied widely between locations.

With the goal of integrating, standardizing, and expanding our digital collections, the Libraries applied for, and received, a Library Automation subgrant from the Kentucky Department for Libraries and Archives in 2005 to purchase the CONTENTdm Digital Collection Management Software Suite, a database that ingests digital files, provides an interface for the creation and modification of metadata (descriptive, administrative, and technical information) about them, and enables their search and retrieval.

A group of archivists, curators, catalogers, and technology specialists then began to learn how to use the CONTENTdm software and discuss shared standards and procedures for digital projects. I began chairing this team upon my arrival at UofL in August 2006, and together we have accomplished a lot of work behind the scenes, establishing and implementing policies for everything from which collections to digitize, to the specifications for the digital files and metadata, to how to organize and display information on the website. Members of this group continue to be actively involved in cataloging images and other digital files, administering the CONTENTdm server, and customizing the software. We also rely on subject, format, and legal experts to share their knowledge as needed, and are fortunate to have access to a terrific web designer, Terri Holtze, whose choice of colors, layout, and rotating images make the website an attractive and enticing destination.

The Digital Collections Web resource will continue to grow, includ-
ing additional images, manuscripts, maps, and oral histories from our archives, special collections, and other campus units. The process of preparing those materials for addition to the Digital Collections website can be broken down into discrete projects, each consisting of a set of tasks.

The first task is to propose a project using a form we have created, which asks for details about the size and scope of the project and the status of the materials in terms of processing, cataloging, and copyright. We also ask for an evaluation, on the scale of 1 to 5, of the access, preservation, and other needs or opportunities enhanced or presented by the creation of digital surrogates and standardized information about them. This is an important part of the digital collection development policy—we need to prioritize what to do and to articulate those decisions to stakeholders such as administrators and (hopefully) funders, as well as in publicity materials.

Some of our first projects rated high on the “opportunities” scale: for instance, relatively simple and straightforward collections were appropriate for staff training, and collections that had already been scanned for another purpose required enhanced metadata for improved discovery. The illuminated manuscripts presented an opportunity to partner with educators and students to create lesson plans relating to these historically and culturally important materials. Other upcoming projects, such as the African American Oral History Collection, respond to high demand from patrons. A digital collection of Kentucky Maps began with preservation in mind: both Special Collections and University Archives housed old atlases of Louisville with brittle, crumbling pages; digital technology provides an opportunity to create a surrogate of the atlases for patrons to use rather than touching the fragile originals. (The new overhead scanning setup, located in Ekstrom LL36, is ideal for oversized and fragile materials like these maps, and several student workers and staff members have been trained to use it.)

The next tasks in the digitization workflow include: setting up the digital collection and its metadata fields in CONTENTdm; digitizing the originals or locating and reviewing the completeness and quality of existing digital files; researching, entering, and formatting metadata so that it can be searched consistently within a collection and across all collections; and preparing text and design for the collection’s pages within the Digital Collections website.

We have projects at every stage of this workflow right now. In the months ahead, in addition to those already mentioned above, you can expect to see digital collections of UofL and Louisville images; portraits of 19th-century individuals; illuminated manuscripts; and digitized maps of Louisville. (The new overhead scanning setup, located in Ekstrom LL36, is ideal for oversized and fragile materials like maps, and several student workers and staff members have been trained to use it.)

Left: [Lillian Fletcher feeds her pet lamb at the spring, Pewee Valley, Kentucky, ca. 1930]. Item no. 2000.96.01 in the Kate Matthews Collection, University of Louisville Photographic Archives.

Khamshah of Nizami (Persian poetry), manuscript fragment, University of Louisville Rare Books.

September, 2007  Page 3
century actors and actresses who performed at Macauley’s Theatre in downtown Louisville; images of rural Kentuckians displayed at the Louisiana Purchase Exposition World’s Fair in 1904; the work of pioneering woman photographer Kate Matthews, of Pewee Valley; and offerings from the Law Library, the Art Department’s Visual Resources Center, the Art Library, and Kornhauser Health Sciences Library.

Digital technology makes it possible to provide worldwide access to our rare and unique holdings. The Libraries’ investments in CONTENTdm software and scanning equipment have allowed us to make great strides in this burgeoning undertaking, but ultimately it is the human effort of numerous Libraries employees, past as well as present, that has produced this resource. I look forward to continuing to work with you to expand the breadth and depth of primary source documents in our Digital Collections.

Editors’ note: The University of Louisville is one of the September 2007 Featured Collections on the CONTENTdm website! See http://www.contentdm.com/: “University of Louisville Libraries Digital Collections - http://digital.library.louisville.edu/. The University of Louisville Digital Collections include rare and unique images, documents, and oral histories from our archives, special collections, and other campus units.”

Plate 7, Atlas of the City of Louisville and Environs (1884), University Archives & Records Center.
A couple years ago, a film crew spent a few weeks on the UofL campus and around Louisville filming an independent movie, then titled *Sweet William*. Re-titled, *How You Look To Me*, it was released on DVD this summer. Here are some stills, courtesy of Trish Blair in Media Services, showing scenes in the Ekstrom Library. Above is co-star Laura Allen at a reading table in the reference area and at right is Bruce Marshall Romans, who also wrote the screenplay. Also starring is Frank Langella, portraying an English professor based on the late Leon Driskell. The DVD is available in the SGA Collection.
By Hannelore Rader, Dean, University Libraries

From June 22-26 I attended the American Library Association (ALA) meeting in Washington, DC. An important event during this meeting was my participation in a program with the architect of our new addition, Joe Rizzo, “Transforming Your Space: A Transforming Experience.” The conference featured important speakers such as Robert F. Kennedy Jr. and Garrison Keillor, as well as Julie Andrews, Marian Wright Edelman and Senator Bill Bradley. As usual the variety of the hundreds of exhibits was most helpful.

The Faculty Senate Committee on Libraries (FSCOL) met on July 2 under the leadership of Professor Elaine Wise and reviewed the committee charge and activities for 2006-2007. The meeting schedule for 2007-2008 was finalized and officers for the current year were elected. The next meeting will be September 10.

In July the libraries hosted French Intern, Laure Miolo. Laure worked in several departments in Ekstrom – Circulation/ILL, Special Collections, Stack Maintenance and Media and Current Periodicals – from July 3 – July 24. This is part of the Louisville Montpellier student exchange in which the libraries participate every year.

The Association of Research Libraries (ARL) is in the process of refocusing itself to emphasize research, teaching, and learning. This has resulted in the formation of the Research, Teaching and Learning Steering Committee of which I am a member. Our second meeting was held July 24-25 in Washington, DC. Crit Stuart, ARL’s Program Director for Research, Teaching and Learning, is functioning as a facilitator for the committee and Betsy Wilson, Dean of Libraries at the University of Washington, is the chair. This year we are concentrating on helping libraries demonstrate that they are a strategic asset to their parent institution. We are also addressing the changing global nature of scholarly and learning communities.

July 27 I attended the Kentucky Virtual Library Advisory Committee meeting held in Frankfort under the leadership of Enid Wohlstein. We discussed state-wide databases, the next state-wide library system and related funding issues.

On August 7 we hosted Martin Halbert, Director of Digital Programs and Systems at Emory University. He has served as principal investigator for research related to new models of scholarly communication and digital preservation and is the principal investigator in the MetaArchive project. His presentation was entitled “An Overview of Distributed Digital Preservation Networks.”

The Library Associates Board met on August 9 to address upcoming events and activities such as a chili lunch with students and another event at someone’s home. The Board celebrated its second year as a most successful group.

On August 10 Kentucky’s new State Librarian, Wayne Onkst, visited Ekstrom Library. He was most impressed with our new addition and all the activities we are involved in.

We celebrated our annual event on August 10 at the Louisville Slugger Museum to thank all the library faculty and staff for their industrious and successful work during the year. More than 100 staff and friends attended and all had a good time.

Be sure to explore our online gift shop to help support the purchase of books for the UofL Libraries collections. [http://library.louisville.edu/giftshop/].
A monument to human achievement and to the synthesis of science and art, John James Audubon’s *Birds of America* is an unsurpassed color-plate book.

At the age of eighteen, in 1803, Audubon was “prompted by an innate desire” to learn all he could about American birds, and he set out “to draw each individual of its natural size and coloring.” But Audubon thought his early images lacked a lifelike quality, the ultimate quest of ornithological artists. He thus started shooting his subjects and, back in his studio, stringing wire through them to pose them as he recalled from their natural habitat. The innovative method allowed Audubon to create definitive depictions of birds “at their natural avocations, in all sorts of attitudes.”

Audubon published *Birds of America* in 1827-1838, first in Edinburgh then in London, where he was known as “the American woodsman.” He used high-quality Whatman paper, a British product made of fine linen and cotton fibers, whose size, 29 ½ x 39 ½ inches, was the largest available and known as double-elephant folio.

The artistic and commercial success of *Birds of America* depended as much on the skill and talent of the engraver, Robert Havell Jr., who produced all but the first ten plates. Using a process called aquatint, Havell carved the image into a copper plate before applying ink and making an impression, which then was hand-colored. Each plate copied an original watercolor painted by Audubon, who used additional mediums to achieve complex coloring, layering, and depth.

Audubon sold the enormous book by subscription, issuing 87 parts of five plates each. He produced 175-200 sets, each comprising 435 life-size prints in four volumes. The rare and beautiful bird paintings are sought by collectors, so the sets at times are broken up and the prints offered separately.

Audubon also published, in Philadelphia in 1840-1844, a smaller version of the *Birds of America*, an octavo. The “Petite” seven-volume edition, which contained 500 hand-colored lithograph plates plus text, popularized Audubon’s work and widened its audience.

*Birds of America* might be an acquired taste for some, but the connoisseur’s eye, heart, or imagination surrenders easily to the smooth pull of this magnificent book.

*Editor’s note:* William F. Meehan III formerly was Senior Fellow in Rare Books in the Ekstrom Library and wrote this column before departing UofL.
Art Library
Do you ever direct people to Schneider Hall by saying, “It’s the building with the blue sides?” As of August 16, that is no longer true. The blue sides have been painted the color of aluminum. There have been many other changes in and around Schneider Hall. The galleries have been remodeled, much of the first floor has been painted and the sculptures around the building have been moved, all in preparation for a major exhibit of the sculpture of Frederick Hart (see http://php.louisville.edu/news/news.php?news=908). The exhibit will include more than 100 of Hart’s pieces. They will be installed in the Schneider Hall galleries, the Cressman Center downtown, the Ekstrom Library and outside Schneider Hall. Lectures, symposia and a gala opening are also scheduled for this major event. So stop by after the official September 5 opening to see the remodeled galleries and the Hart sculptures. It’s the building with the aluminum sides.

Kudos to Kathy Moore who this year celebrates her 30th anniversary at the Art Library. She will be officially feted at a university-sponsored luncheon on September 21. Congratulations on a job always well-done Kathy!

Ekstrom Library
Office of the Dean
Tiffney Gipson accepted the position as Library Assistant for the University Hospital’s Rowntree Library effective August 20. Tiffney has been working as a student assistant at Kornhauser for several years. She will report to Sue Raymond.

Alice Abbott-Moore has accepted the position of Library Specialist, Robotic Retrieval System effective September 10, 2007. Alice will report to Melissa Horrar.

Special Collections
Bill Carner vacationed in Duluth, Minnesota during July and August. While he was there he visited nearby Hibbing in the Iron Range to see Bob Dylan’s boyhood home and the world’s biggest open pit iron mine, which is about a mile from Bob’s boyhood home. Hibbing seems like a good place to be from. 6th Street in Hibbing has been re-named Bob Dylan Drive and there’s a local bar called Zimmy’s; otherwise there’s not much acknowledgement of Bob in Hibbing or the Iron Range. Iron ore and taconite are what people are really proud of in Minnesota.

Former Photo Archives student Photoshop guru Chrissy Leake married Justin Maple in June and moved to Fairbanks, Alaska in August. Chrissy attended University of Alaska-Fairbanks in 2004-2005 as part of UofL’s junior year college exchange program and fell in love with Alaska. Read about their adventures on their blog, Headed North to Alaska: http://headednorthtoalaska.blogspot.com/.

MetaArchive Data Wrangler
Please welcome Kareem Usher, who joins the University Libraries on September 4 as a Data Wrangler for the feder-
Have You Used Technology That Significantly Improved Teaching and/or Learning?

If so, the Provost and Delphi Center encourage you to apply for the Innovations in Technology Awards for Teaching and Learning. All faculty are eligible. Four awards will be given—a $2000 award to the winner and three $1000 awards to the runners up. The application deadline is January 15, 2008. For more information and an application form, visit:

http://louisville.edu/org/bbug/the-innovation-in-technology-for-teaching-and-learning-award

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Law Library

New Book Club

A few library employees have gotten together to form a book club. The next meeting will be September 21 from 6:00 – 8:00 p.m. at the home of Jodi Duce. The book selection for this meeting is *The Interruption of Everything* by Terry McMillan. The Louisville Free Public Library has book kits they will put together for book clubs free of charge. They will provide up to 15 books and discussion information. If you are interested in joining, please contact Nancy Baker, Jodi Duce, Jill Sherman or Virginia Smith.

Bulldogs in the Libraries

“Let’s give a rah for dear Old High School, 
And let us pledge our love of old. 
Others may like white or crimson, 
But for us it’s purple and gold.”

If those words sound familiar and if you know the significance of the letter H paired with a bulldog, then you probably went to Male High School! Just recently several of us (above, from left, Rachel Hodge ’89, Janissa Moore ‘92, Latisha Reynolds ‘89, and Virginia Mattingly Smith ‘88) discovered that we all attended Male together and two of us even graduated from the same class!

Some of us try to forget our high school years, but this discovery made us wonder if there are any other Bulldogs in the libraries. Thanks to Rachel Hodge for the idea and finding the lyrics!

Law School to Celebrate 40th Anniversary of Open Housing in Louisville

On Tuesday, October 2 at noon in the Cox Lounge, the Diversity Committee of the Brandeis School of Law (on which several people in the Law Library serve) will host a program celebrating the 40th anniversary of Open Housing in Louisville. Former State Senator Georgia Davis Powers, Metro Councilwoman Cheri Bryant Hamilton, and Dr. Tracy K’Meyer from the UofL History Department will speak. In December of 1967, the Louisville Board of Aldermen passed the Open Housing Ordinance, allowing African Americans to rent or buy anywhere in the city. Louisville was the first city in the South to pass such an ordinance. Co-sponsors of this event are the Black Law Students Association, the Anne Braden Institute for Social Justice Research (http://louisville.edu/annebradeninstitute) and the Metropolitan Housing Coalition (www.metropolitanhousing.org). For more information, please contact Robin Harris (robin.harris@louisville.edu) or 852-6083.

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September, 2007  Page 9
Introducing LifeStyle’s New Co-Author…

Every year the students around campus are getting younger…now wait a minute…could it mean that I AM GETTING OLDER?!  

One great thing about getting older is that one can enlist the help and enthusiasm of the younger set. Every working day that goes by I learn something new from someone and in a lot of cases, it is one of younger members of our university community. In particular, there is one such person who has brought much new information and fun into my life almost on a daily basis. It is my great pleasure to introduce my new co-author of this column: Sarah Frankel.

Many of you already know Sarah from her days in the Administration Office and her time in Technical Services. Honestly, I knew Sarah was very special for a long time. During the last library book sale she fielded calls and questions from prospective donors and buyers. When she began her job in Technical Services close to two years ago, I felt very lucky to have her across the way as one of my cubicle mates.

As many of us know and have witnessed, Sarah has undergone a significant and positive change in her lifestyle through nutrition, exercise and her mind set. It has been an awesome thing to have been able to witness this directly. One of the things I have and continue to admire, is Sarah’s desire to learn and incorporate what she has learned into action and into her every day life.

So, I thought…hey, I have been writing this column for twelve years—maybe Sarah can join me and provide fresh perspective while sharing her experiences. Lucky for me and, I believe, you, too, that Sarah graciously accepted.

Sarah will be writing about subjects on health and nutrition, and I will cover the areas on stress management reduction and other lifestyle matters. So, when the next issue of The Owl is sent, be sure to keep an eye out for Sarah’s inaugural column!

and…Saving Energy = Saving $

Some quick tips…

Here are some easy ways to save some money during these hot days and throughout the rest of the year:

- Have your air conditioning and furnace serviced once a year.
- Vacuum out registers and cool air returns. Wash grills when needed.
- Weed around your air-conditioning unit.
- Vacuum out the coils of your refrigerator once every two or three months. It is amazing what accumulates there. Wash the grill.
- Turn off the lights when they are not being used. Lights provide extra heat.
- When replacing toilets, consider low flush toilets. (Word to the wise—don’t buy the cheapest toilet. Many flushes are needed to do normal jobs, which is very aggravating and time consuming.) The reduction of water will save you money on your water bill.
“I would like to say thank you to “The Frog Fairy,” an anonymous person who left me a nice birthday present in my mailbox.”

—Rachael Elrod

“Thanks to Eric Lair for his continued vigilance and responsiveness to problems with and changes to the CONTENTdm server.

Thanks to Sue Finley for thoroughly describing each image in the Claude C. Matlack Collection, sorting out duplicates, locating missing images, and researching the context of a time and place in which the images were created. This is a great addition to our Digital Collections website.”

—Rachel Howard

“A Big Thank You to Mioshi and Sheila for all their hard work addressing all my computer issues, lately!

Thanks to Mark Paul for running upstairs to solve a software problem, within a moment’s notice, during a vendor demo in the CLC!”

—James E. Manasco

“I would like to thank you to our student assistants for doing a great job this pass semester. Jason Nally, Chayla Boyd, Shanae Posie, Tiffney Gibson, Sandra Duran, Ali Asghar and Cliff Wieck. I would also like to welcome them back for the fall semester along with Donna Smith and two new students, Kate Lisherness and Jay Coughlon.”

—Joan Nailon

“Thank you to
1) Kornhauser Libraries’ Joan Nailon (Circ Desk) for arranging student assistant coverage when the hospital library was short staffed this summer;
2) Carol Brinkman (Kornhauser Library) for covering for me when I took vacation;
3) Nancy Utterback (Kornhauser Library) for all her advice, help and support; and,
4) Jill Sherman (Kornhauser Library) for special cataloging of the hospital’s staff development materials.”

—Sue Raymond, Rowntree Medical Library (University Hospital)

“I wish to thank Kornhauser staff Maura Ellison, Paula Mattingly, Carol Vitzenty and Destiny Minton for all their hard work processing print indexes for their new home in the RRS. This was a very large, labor intensive project, and they completed this task in a very organized, timely manner. I also wish to thank Raymond Slaughter and rest of the staff who helped transport the dozens of loaded boxes over to Ekstrom Library. While I’m at it, another thanks is needed for Margo Smith and Melissa Horrar for organizing this project at the RRS end. And last, but definitely not the least, I want to give a very special thank you to Alice Abbott-Moore for all her very hard work scanning these volumes into the RRS. THANK YOU!”

—Jill Sherman

“As long as Alice Abbott-Moore doesn’t accept a position in another library, all is well. She is one of those special people in Ekstrom who gives TLC to the other employees, and always makes me feel appreciated. Don’t let one of those robots snatch her up! Cheers!”

—George McWhorter
Ekstrom Library

**East Lobby – Media Resources**

*Tarzan Around the World*
Seven posters from various Tarzan movies, 1936-1957
*Courtesy of the Burroughs Memorial Collection*

**Photo Archives Gallery**

*Film, Plates and Camera Movements: Large Format Photography from the 19th through the 21st Century*
The Walker Evans photo at right is featured in the exhibit.
**June 4 – September 14, 2007**

*This Interrupted Life: Art by Women in Prison*
**October 1 – 31, 2007**

**West Wing First Floor Display Cases**

*Evolution of the University Libraries*
and
*19th Century Caricatures from Vanity Fair, a Weekly Show of Political, Social and Literary Wares*

**Richard Kain Gallery, Rare Books**

*Bob Hyde Memorial Collection*
Bob Hyde (1925-2006) was president of the Burroughs Bibliophiles and life-long collector of Edgar Rice Burroughs material.
**July 9 – October 1, 2007**

*Books of the Founding Fathers: What the framers of the U.S. Constitution were reading*
**October 4 – November 1, 2007**

**Music Library**

*First Floor*

*In Memory of Doris and John Bickel*
Through September 2007