Capstone Poster Session
Summer 2009

Wednesday 12 August 2009

2pm-4pm

1616 Guadalupe Street, 1st floor
PRESENTERS

Amanda Abright  
_Tailoring TILT to Kilgore College_  
Kilgore College  
Faculty Supervisor: Megan Winget  
Field Supervisor: Susan Wilson

The goal of my Capstone project is to create an information literacy tutorial for the students at Kilgore College based loosely upon the information provided in UT's Texas Information Literacy Tutorial (TILT). The tutorial is a collection of lessons that students can navigate to increase their understanding of the library's resources. I used Moodle software to create the lessons on the college's course Web site (learning.kilgore.edu) and inserted links to the library Web site and library catalog as much as possible to promote the use of the library's resources. The resulting tutorial, called Kilgore Information Literacy Tutorial (KILT), has six sections: (1) Types of Information Resources, (2) Searching for Information, (3) Evaluating Resources, (4) Using Information Resources, (5) Glossary of Terms, and (6) Subject-Specific Resources. Kilgore College Library hopes to promote the use of the KILT tutorial in the curriculum, especially in introductory classes.

Lauren Algee  
_Birth and Aging of Digital Objects at the National Anthropological Archives_  
The Smithsonian Institution's National Anthropological Archives  
Faculty Supervisor: Caroline Frick  
Field Supervisor: Stephanie Ogeneski

As the Smithsonian pushes to make all of its collections available online, questions regarding digitization methods, standards and longterm preservation of digital objects across the Institution’s diverse consortium of museums and research centers are still without clear answers. The combination of two complementary projects completed during a nine-week internship at the Smithsonian’s National Anthropological Archives’ digital imaging lab illustrates the current life cycle of digital objects at the NAA, from creation through research use to longterm digital storage. In the first project I digitized over 2,500 35mm color slides, created and attached metadata and added the digital images to the Smithsonian Institution’s online catalog. The second project entailed the planning and migration of preservation copies of existing digital surrogates from CDs to Network Attached Storage and the inventory and arrangement of the CDs for archiving. Through these two tasks I observed successful strategies for digitization and digital preservation currently being employed in a component of Smithsonian collections, as well as some of the challenges in digitization and preservation facing the Institution as a whole.

Jill E. Anderson  
_“Being Literate about Something”: Discipline-Based Information Literacy in Higher Education_  
Master’s Report  
Faculty Supervisor: Mary Lynn Rice-Lively  
Second Reader: Caroline Frick

This report examines how academic librarians and theorists have discussed the issue of discipline-based information literacy instructional approaches since the publication of the ACRL Information Literacy Competency Standards for Higher Education in 2000. As Kate Manuel has recently noted, the Standards balance outcomes and indicators of universal or general information-literacy skills with more discipline-specific skills. Prior to the publication of the ACRL Standards, Stephen Plum argued that disciplinary standards can provide valuable frameworks for library instruction; more recent theorists have focused attention on general skills, some arguing that discipline-based skills are the province of subject faculty, others suggesting that discipline-based skills are modeled on more general skills, still others suggesting that liaison librarians work collaboratively with faculty to address discipline-specific information needs. Based on a literature survey, my report is a thought piece addressing the following interlocking questions: how do discipline-based skills relate to more general skills? Who should teach discipline-based information literacy? Is information literacy a discipline in its own right? What role might subject specialists play in discipline-based information literacy initiatives?

Alice Bae  
_Digitization Project of UT Faculty Research Articles of Historical and Cultural Values_  
McKinney Engineering Library, The University of Texas at Austin Libraries  
Faculty Supervisor: Glynn Harmon  
Field Supervisor: Robyn Rosenberg

The objective of my professional field experience focuses on digitizing UT faculty members’ research articles and making them freely accessible through the UT Digital Repository. The digitization process involves evaluating, selecting, scanning, converting file format, applying metadata, and uploading the digitized materials in PDF format. After assessing and selecting research articles that entail cultural and historical values, I carefully scanned each page of the selected articles using a flatbed scanner; and I used two different software applications to produce the final product in PDF file format–using Adobe Photoshop to save scanned files in JPEG and Adobe Acrobat Professional to convert them to PDF format. Applying metadata based on the existing records from the OCLC, I uploaded them to the UT Digital Repository. This digitization project has provided me an opportunity to enhance the project time management skills in addition to understanding the entity of digital records beyond technical applications. It is hoped that this digitization project will continue on for the purpose of promoting easily accessible scholarly communications.
Betsy Blanche

Teaching Computer Skills in a Family-Centered Community: Examining the Computer Literacy Needs of Cedar Park

Cedar Park Public Library
Faculty Supervisor: W. B. Lukenbill
Field Supervisor: Sarah Whited

The goal of this project was to evaluate the current computer-related adult programming at Cedar Park Public Library. To complete this project I worked with the two Public Services Librarians who teach the computer courses to better understand the library community and the needs of the library's patrons. I wrote and distributed surveys for CPPL's patrons as well as other public libraries in The Central Texas Library System. My experience at the Information Desk also allowed me to work directly with library patrons and see, first-hand, their information needs. To complete my understanding of adult programming needs, I conducted a literature review related to adult computer literacy. At the end of project I provided potential changes for the library's curriculum. In addition to possible enhancements to the existing programming, I also suggest the library consider recruiting volunteers from their community to help teach classes. This will allow CPPL to offer a broader range of courses.

Lauren V. Cawfield

Mobile eMicrobes: Developing an iPhone Strategy for a Digital Library

The University of Texas at Austin School of Information
Faculty Supervisor: Gary Geisler
Field Supervisor: Gary Geisler

With the growing number of emerging infectious diseases and global threats such as HIV/AIDS, tuberculosis, malaria and bio-terrorism, a firm understanding of microbiology and infectious disease is critical for all healthcare professionals. The eMicrobes project addresses the difficulties in instructing health care professionals in infectious diseases and microbiology through a digital library designed for use by practicing healthcare professionals and trainees. This poster presents a strategy for creating a mobile version of the eMicrobes digital library. The iPhone family of devices was selected as the development platform because of its dominance in mobile Web traffic. Web-based versus native applications were considered, and a web-based application strategy was selected for wider accessibility. Competing mobile medical applications were examined for features and availability. Data storage issues, such as eMicrobe's requirement for offline access, were addressed. User research and best mobile interface practices were consulted to create interface prototypes, which were then refined through usability testing. As the eMicrobes project enters its final year of development, these strategies and prototypes will serve to further the project's mobile development requirements.

Kimberly Francisco

Operation Teen Book Drop 2010

School of Information
Faculty Supervisor: Loriene Roy
Field Supervisor: Loriene Roy

Operation Teen Book Drop (TBD) is an annual effort that aims to spur reading on a national scale by delivering thousands of books to teens across the nation. TBD coincides with Support Teen Literature Day, which takes place during National Library Week each year. The focus of the past two years has been hospitalized teens. For 2010, readergirls, Guys Lit Wire, and YALSA have joined forces with If I Can Read, I Can Do Anything to coordinate the delivery of thousands of new books, donated by publishers, to teens on American Indian reservation schools. During the summer preceding TBD '10, I worked to enroll fourteen reservation schools and create national awareness about the project. Specific initiatives included communicating with tribal schools across the country by sending invitations to participate and soliciting school nominations, enlisting reservation-area librarians to serve as liaisons for the tribal schools and to assist with book distribution, creating content about TBD '10 for the If I Can Read, I Can Do Anything Web site, and creating a Facebook page to help spur interest, among other activities. The project will be handed over to another student in the fall who will continue the work begun in the summer.

Cassandra Gallegos

Tracking Audio: Survey of an Audio Database

George Blood Audio Safe Sound Archive
Faculty Supervisor: Patricia Galloway
Field Supervisor: George Blood

The functionality of collection management databases is primarily geared towards traditional library collections. Purveyors of audio and moving image materials have been forced to use such databases knowing that they would not be able to fully take advantage of its capabilities. The very nature of audiovisual materials makes it difficult to create a custom database that foresees the issues that will inevitably arise. For this reason, I've conducted a survey of one such database used to catalog orders and manage workflow within the George Blood Audio Safe Sound Archive in Philadelphia, Pennsylvania. The Safe Sound Archive provides digitization and restoration services for chiefly audio materials. I studied the database and its usage for 6 weeks to ascertain the strengths and weaknesses within the system. Additionally, I've interviewed the audio and database technicians who use it most frequently to garner their expertise on the matter. My research results in a working database manual for the Safe Sound Archive for future staff and interns to understand how the database works within the company, discover advanced database usage techniques, and make improvements. Other institutions with audiovisual materials may benefit from my research and strive to readily incorporate technological advancements into their own collection management structure.
Robert R. Gates III  
**Reorganization of the Texas Military Forces Museum Library and Archives**  
Texas Military Forces Museum  
Faculty Supervisor: David B. Gracy II  
Field Supervisor: Lisa Sharik

The project to reorganize and update the library of the Texas Military Forces Museum involves four parts. First, upgrade the book database to a system specifically designed for that purpose. Second, make the database available online. Third, reformat the library organizational scheme to Library of Congress (LC) call numbers. Fourth, design a system for unifying the archives cataloging system. To upgrade the book database, available software was screened for specific criteria and then demo versions of the finalists were tested. Putting the database online is simply a matter of selecting database software designed with this in mind. In order to reformat to a LOC call number system a macro must be designed to automatically find LOC call numbers and update the database accordingly. Once this is accomplished relative shelf space can be proportioned and books can be relabeled and physically moved. Next is to write a procedure for renumbering the first 350 archival collections to match the current system by establishing what year the collection was received, then numbering them sequentially. The final overall product is a manual detailing all library operations that can be followed by staff and volunteers in the absence of a full time librarian.

Emily R. Hersh  
**Teacher-Librarian Collaboration for Improved Research Instruction**  
O. Henry Middle School  
Faculty Supervisor: W. B. Lukenbill  
Field Supervisor: Sara Stevenson

While teaching research skills is required by the TEKS (Texas Essential Knowledge and Skills), few teachers are formally trained in how to do it. To teach good research skills to teachers and students both, I collaborated with two teachers, one a veteran speech teacher and the other a novice health teacher, on their existing research assignments. I met with the teachers to set the parameters for their projects and revised their existing assignment details to clarify expectations and add "good research" rules, such as not allowing free Web searches and requiring students to cite sources. I then created a wiki for each assignment. Each wiki included the assignment details, citation guidelines, links to appropriate databases, reliable Web sources, and a subscription search engine. I made copies of the assignment sheets for the teachers to hand out to the students and pulled a book cart of appropriate non-fiction and reference sources. Finally, I presented the assignment and the wiki to the classes and assisted the students in conducting their research. The teachers appreciated my help, the quality of student work improved, and both the students and the teachers learned better research skills.

Kara Hoholik  
**Linder Elementary Library Orientation Project**  
Linder Elementary School, Austin Independent School District  
Faculty Supervisor: W. B. Lukenbill  
Field Supervisor: Nancy Quesada

Linder Elementary is a school with a very high number of students and a 36.7% mobility rate. With forty-six classes and new students arriving sporadically throughout the year, the librarian required a means to present and educate library patrons of the rules, procedures, and methods of finding material. It was also imperative to present the information in such a way that would be visually appealing to students and would aid in their overall comprehension. In order to meet these needs, the new librarian's manual for Austin Independent School District, several other library orientations, specific requests from the librarian herself, and notes taken throughout the duration of my work placement were consulted and used to create an orientation using PowerPoint (2003 format for the sake of compatibility). This orientation was specifically designed for students, but could also be beneficial for teachers, parents, or other adult patrons. The final product was tested, modified, and completed for use at Linder Elementary School, to be started in the fall of 2009. It was also redone in a template format, with instructions added, and sent out to librarians throughout AISD to be personalized for individual library use.

Shannon Keith  
**Northeast Arkansas Regional Archives Building Layout and Equipment Plan**  
Arkansas History Commission  
Faculty Supervisor: David B. Gracy II  
Field Supervisor: Wendy Richter

The Arkansas History Commission, the Arkansas Department of Parks and Tourism, and the Lawrence County Historical Society are planning the Northeast Arkansas Regional Archives (NEARA), a branch archives to be built at Powhatan Historic State Park. The three thousand square foot facility will house historic Northeast Arkansas county records and provide regional access to historical and genealogical research materials. My task was to help the Commission develop a furniture and equipment layout which takes into account the comfort and work processes of researchers and staff, space limitations, lighting, power and accessibility. I reviewed information on interior design of public places, American Disabilities Act Standards for Accessible Design, and archival workflows. I also made recommendations about the building design and supplied a budgeted list of the furniture and equipment needed by the branch.
Capturing Our Stories, one of Dr. Loriene Roy's 2007-2008 ALA Presidential Initiatives, is a national oral history program that is gathering the life histories of experienced librarians as they exit their careers and making those histories easily accessible to colleagues, students, and less-experienced librarians. As part of my Capstone project, I contributed two new interviews to the collection: one with a retired public and law librarian from Texas, Anne Gault, and the other the current director of Central Texas Library System (CTLS), Pat Tuohey. I created preservation copies of the two new interviews and six other existing interviews using iMovieHD. The interviews were then posted to the newly updated GLIFOS social media wiki. GLIFOS is a collaborative rich-media manager that uses the MediaWiki framework for adding rich-media to digital videos. I used GLIFOS to transcribe and add rich-media capabilities to the eight one-hour interviews. The transcription and rich-media allows the content of the video interviews to become searchable and accessible to all. The interviews will be available for viewing on the Capturing Our Stories website [http://www.ischool.utexas.edu/~stories/](http://www.ischool.utexas.edu/~stories/).

The Tarlton Law Library has expressed interest in using the online collections management application CollectiveAccess. Tarlton is looking for a tool that will aid them in creating online access to their special collections. The goal of my Capstone is to deliver a document and a small, sample online collection. The test collection created may consist of text, audio files, video files, rare books, and art objects. The project will also have a paper component documenting the experience, my process, metadata choices, and installation of the software. It is my intention with this project to deliver Tarlton an example of how CollectiveAccess can manage their online collections. This capstone will hopefully help Tarlton determine whether or not CollectiveAccess will be the right tool for their goals. This project also equips me with a greater understanding of CollectiveAccess and its abilities.
The Power of Books: Building a Strong Spanish Collection

Joy Osborn
El Poder de los Libros

Kocurek Elementary School, Austin Independent School District
Faculty Supervisor: W. B. Lukenbill
Field Supervisor: Connie Hicks

According to research conducted by Keith Curry Lance, the size of a library collection, the circulation rates of the collection, as well as the presence of collaborative relationships between librarians and teachers are direct predictors of reading test scores. Like all students, Spanish readers thrive when provided access to a sizable collection of books encompassing a wide variety of genres and topics. The goal of this project was to assess the strengths and weaknesses of the Spanish collection at Kocurek Elementary, to develop a plan addressing those needs, and then to compile a list of titles to add to the collection. Several resources were used in the assessment of the collection, including the AASL standards, the Texas Essential Knowledge and Skills, collection and circulation data, and feedback from the school librarian and bilingual teachers. Campus teachers helped in the assessment of the collection, suggested areas of need, as well as requested specific titles to be added to the collection. Other titles were chosen based on librarian recommendations, Spanish language book awards, and book lists from respected Spanish language book critics. The project resulted in a more complete Spanish collection to meet the needs of students and teachers and increased teacher-librarian collaboration.

While course-integrated information literacy instruction has been taking place in the introductory biology course BIO 206L for several years, this project was designed to transform existing presentation notes and activities into online tutorials. Institutional objectives were to shift the responsibility of presenting information literacy content away from teaching assistants and to provide a product that could be used across course sections and, potentially, in other courses. Professional development objectives were to gain practical experience in integrating information literacy instruction into science coursework and to develop skills in creating web-based, self-guided video instruction modules. Preparatory work included reviewing and evaluating the structure of tutorials created by other institutions, evaluating potential software, and performing a literature review of best practices in creating self-guided, online information literacy modules. The final product is comprised of six short web-based tutorials that integrate video instruction with interactive quizzes. The tutorials introduce students to scientific literature, provide guidance in effective searching within databases, identify when to use databases and when to use the library catalog, and provide advanced search techniques specific to the database PubMed.

Kevin O’Sullivan

Inventoried the Franklin McMahon Audio-Visual Collection

Chicago Film Archives
Faculty Supervisor: Caroline Frick
Field Supervisor: Nancy Watrous

Chicago artist, journalist, and filmmaker Franklin McMahon donated his films and tapes to the Chicago Film Archives in 2006. The collection is comprised of 16mm film prints and elements and a vast array of audio interviews and captures on a variety of tape formats. The tapes are roughly ordered, stored in boxes marked with the year. Some are in poor condition and others are fairly stable. In order for the CFA to gain a broad understanding of the collection, I conducted an inventory of McMahon’s donation, with particular attention to the formats, contents, and condition of the items contained therein. This information was then entered into a database for the use of the Archive. This work was completed in preparation for the materials to be processed and made further accessible to researchers in the future.

Wen-Chi Pan

Knowledge Management Shared Network: Digital Information Guide Design

U.S. Fish and Wildlife Service
Faculty Supervisor: Gary Geisler
Field Supervisor: Jenny Wilson

The U.S. Fish and Wildlife Service plans to create internal knowledge management system called Digital Information Guide (DIG), for their research domain knowledge and administration information. The objective of the capstone project is to design the species/biology section of the DIG, which is the main content of the office’s research domain knowledge. In consideration of the office’s maintaining work in the future, the DIG is built so that it can be modified by Adobe Dreamweaver software. This project will build on the old version wireframe with some necessary modifications. The goal of species/biology pages is to collect and organize the existing data for six spotlight species. The DIG provides search interfaces from two aspects: species biological catalogs (Search by Name) and Texas counties (Search by Map). Due to the requirement of Dreamweaver software and the limit of budget, the search function is provided through static web pages without a database installation. To ensure the web pages’ usability, a usability test was applied to the DIG. Several biologists were chosen from the Austin Texas Ecological Services Office and participated in the usability test. The final version of the DIG takes the result of usability test into account.
Jaime Pereira  
*Processing the Hartman Collection: A Prototype for Curated Collections at TAMI*  
Texas Archive of the Moving Image (texasarchive.org)  
Faculty Supervisor: Caroline Frick  
Field Supervisor: Megan Peck

The Texas Archive of the Moving Image received a collection of over three hundred Super 8 films created during the Vietnam War by Texan Marcellus Hartman. While TAMI had already digitized the films, there was only cursory metadata associated with the items, and TAMI was interested in gaining intellectual control of the files and providing access to the collection, which captures a soldier’s everyday life on base. My project consisted of creating item-level descriptive and technical metadata in TAMI’s database, and also the production of a curated collection for the TAMI website. After completing an environmental scan of other online moving image collections, I selected representative videos from the Hartman Collection and other materials from TAMI’s collection that related to this historical era. I took advantage of GLIFOS software’s ability to create time-coded indexes, which I felt would be particularly useful for this collection, which was difficult to describe. I also created contextual content for the curated collection, discussing Hartman’s story and filmic representations of war. The outcome will be the fully cataloged collection in the database, as well as the curated collection online, which I hope will serve as a useful example for providing access to similar collections.

Sarah Potvin  
*Dusting for Authorial Fingerprints*  
Center for Digital Research in the Humanities, University of Nebraska-Lincoln  
Faculty Supervisor: Patricia Galloway  
Field Supervisor: Kay L. Walter

Working at the Center for Digital Research at the University of Nebraska-Lincoln, I have tailored my capstone project towards issues of authorial attribution, defined as “any attempt to infer the characteristics of the creator of a piece of linguistic data.” Broadly, the project involves examining the digital humanities as a cultivated space between humanistic multiplicity and scientific singularity. More narrowly, I have used scholarly text analysis tools to isolate patterns in the writings of Willa Cather, whose online archive is based at the University of Nebraska, and generate a particular evidence of authorship. Focusing on several articles published in the Home Monthly circa 1896-1897, I have produced data that might then be imbricated with other, previously published observations about Cather’s word usage and style, as well as the physical and documentary evidence that attends the creation of the work.

Joshunda Sanders  
*Digitization of The State News 1909-2009: Providing Web Access to The State News Historical Newspapers*  
Michigan State University  
Faculty Supervisor: Patricia Galloway  
Field Supervisor: Catherine Foley

The Michigan State University Library, MSU Archives, The State News and MATRIX, The Center for Humane Arts, Letters and Social Sciences Online, hope to digitize the University’s collection of historical newspapers from The State News, the University’s student newspaper which has been published since 1909. This IMLS-funded project hosted at MSU but achieved mostly on-line from Austin explores digitization barriers and options for the existing paper and microfilm copies of The State News. The project will also include use cases, or suggested audiences for the digitized items, metadata suggestions for providing web access to the newspapers and the most complete inventory of the historical newspapers available to date. Metadata will be suggested in accordance with Dublin Core, the primary standard used for KORA, the digital repository at MATRIX. Further recommendations for the State News' born digital copies (post 1996) are also included, in addition to a list of potential vendors and examples of student newspaper digitization efforts from around the country.

Elizabeth Seramur  
*Artemisia Archives - Preserving the Legacy of Chicago’s Women Artists*  
Ryerson & Burnham Library and Archives, the Art Institute of Chicago  
Faculty Supervisor: Karen Pavelk  
Field Supervisors: Nathaniel Parks, Mary Woolever

The Ryerson & Burnham Library and Archives is a collecting archive focused on Chicago and Midwestern architects, artists, and designers. Under its purview lay arts organizations such as Artemisia Gallery, a now-defunct but historically significant feminist art collective in Chicago. For my main project as a summer intern, I undertook a preservation assessment of records produced by the gallery during its 1976-2002 operation. Artemisia maintained extensive photographic and video archives, administrative records, plus documentation of its mentorship, guest artist, and international exchange programs. When the gallery ceased to exist, its members donated its archives so that the evidence of Artemisia’s legacy could be preserved for scholars. This evidence comes in myriad forms including papers, artist books, transparencies, photographs, videos, floppy disks, CDs and DVDs. In order to facilitate access to all of these valuable resources the Ryerson & Burnham is committed to fully processing this collection and digitizing obsolete media. Toward this end, my project’s objectives were twofold: gathering and providing information for the archivists regarding the nature of the collection, and estimating the overall level of treatment needed for the conservation department. In order to characterize a representative sample of the collection, I implemented a survey tool designed to capture the physical and informational aspects of the objects. Findings will be presented in a formal report with supporting documentation. Ideally, this survey will be a foundation for a successful grant application. As a final contribution, I will leave my survey tool template for use in assessments of other collections.
### Archiving the Swamp: Preservation and Archival Enterprise at the South Florida Collections Management Center

South Florida Collections Management Center, Everglades National Park  
Faculty Supervisor: Caroline Frick  
Field Supervisor: Bonnie Ciolino, Nancy Russell  

The South Florida Collections Management Center (SFCMC) at Everglades National Park manages the museum artifacts and archives of the five major national parks, preserves, and memorials in South Florida. In keeping with my concentration in both archives and preservation, my practicum project is divided into three parts. Part One discusses the current preservation policies and practices of the SFCMC. As the institution recently received a $7.5 million budget approval to construct a state-of-the-art museum, exhibit, and archives facility within the next five years, I suggest strategies to best accommodate the interim preservation needs of the current space. Part Two consists of the archival arrangement, description, and processing plan generated for the Everglades and Dry Tortugas National Parks Public Affairs Collection. Part Three addresses the variety of record formats (electronic, magnetic, paper, and photographic) present in this collection. From the inventory data, I compare the preservation issues of certain file units to the collection as a whole, evaluate these findings, and make recommendations addressing the individual preservation needs of these materials. It is my hope that this report will aid the SFCMC staff in maintaining good preservation practices during the transition period between buildings, and make a valuable archival collection accessible for future research.

Danielle Brune Sigler  
**Identifying Religious Studies Resources at the Harry Ransom Center**  
The Harry Ransom Center  
Faculty Supervisor: Caroline Frick  
Field Supervisor: Richard Workman  

The Harry Ransom Center at the University of Texas at Austin is best known for its holdings in literature, the performing arts, photography, art, and film. Relatively few scholars of religious studies have utilized the collections, though the Center possesses rich materials of relevance to these scholars. In order to increase external and internal awareness of the Center’s religious studies holdings, I conducted a preliminary survey of materials using the Center’s online resources (finding aids, collection databases, etc) and the University’s online catalog. I followed the initial identification of materials with more detailed searching in the Center’s card catalog, printed finding aids, exhibition catalogs, and other on-site guides to the collections. The culminating products include a subject-divided listing of major religious studies resources in the Ransom Center’s collections, ten narrower subject lists for curator presentations (history of English bibles, American religious history), and a revision to the Center’s “Religion” entry for its published guide. These items will introduce the Ransom Center to a new audience of students and scholars and serve as a valuable resource for Ransom Center staff as well.

### Collection Maintenance of the Sanchez Elementary 500’s  
Sanchez Elementary School  
Faculty Supervisor: W. B. Lukenbill  
Field Supervisors: Christy Loya, Marty Bruner  

Sanchez Elementary is an older school, and therefore the library has many older books that needed to be repaired, cleaned or weeded. The 500 section is primarily math and science books, which can be outdated very quickly due to their content. The whole 500 section was reviewed for age, condition and content. Those books that were not up to standard were weeded from the collection. Books that need repair or cleaning were taken care of at this time. The collection also was evaluated based on the Texas Essential Knowledge and Skills, which is the curriculum of the State of Texas. If some of the standards were not addressed in the collection, then they were added to a list of areas for development. After the entire collection was weeded, an order list was created on Follett based on the areas of need and updated versions of what had been weeded out of the collection.

### Professionally Speaking: Updating and Promoting the Professional Collection at the Burnet Middle School Library  
Burnet Middle School, Austin Independent School District  
Faculty Supervisor: W. B. Lukenbill  
Field Supervisor: Shelby Counts  

Most school library media centers host a special collection of professional resources used by staff members to support the educational mission of the school. The Burnet Middle School Library in Austin, Texas currently serves over 900 students and over 70 faculty members. Since the current library media specialist took over in 2002, the professional collection has not been actively developed or updated in any capacity. Furthermore, the collection is infrequently used and many materials are out of date or irrelevant. This project represents an effort to help analyze, develop, and promote the use of the professional collection in the Burnet Middle School Library. The methods employed included using standard collection development aids to systematically withdraw out of date, worn, and irrelevant materials, surveying the Burnet Middle School Staff to determine their past/current/future use of the collection, and developing a list of professional resources for future acquisition using recommended selection aids. Future recommendations for the professional collection include promotion through book talks at orientations and staff development meetings, special displays of current titles, and printed bookmarks displaying information about the collection.

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Leslie Walker  
*Digitizing the Wasowski Native Texas Landscape Slides*  
Lady Bird Johnson Wildflower Center  
Faculty Supervisor: Megan Winget  
Field Supervisor: Melissa Zilic

The objective of this project was to organize, catalog, and digitize photographers Sally and Andy Wasowski's native Texas landscape slides for the Lady Bird Johnson Wildflower Center. To meet this goal, I first reviewed each of the approximately 1,700 slides in the collection, which included removing and arranging duplicates in a separate system, and developed an organization scheme for the originals. After duplicates had been handled, the remaining 630 slides were scanned and reviewed independently. I collected metadata for each slide, which involved checking the slide, the slide page, binder, and separate notes, along with searching for the images in the Wasowski's books to determine specific locations and performing separate research to uncover more detailed botanical information. I then cataloged the images so that they could be uploaded to the Wildflower Center’s Native Plant Database (www.wildflower.org/plants), which is accessible to the public via internet. As the Wasowski slides were the first landscape images that the Wildflower Center had cataloged and made available to the public, part of this project involved evaluating the system’s ability to accommodate the subject tags and titles for landscapes and provide recommendations for improvement as necessary.

Emily Vinson  
*Voices of Dissent in Community Radio: Assessing, Preserving, and Providing Access to the Collections of Pacifica Radio Archives*  
Pacifica Radio Archives  
Faculty Supervisor: Karen Pavelka  
Field Supervisor: Adi Gevins

The Pacifica Radio Archives (PRA) in Los Angeles houses the historic recordings of the five stations that comprise the Pacifica Network, the United State’s first listener-supported public broadcasting radio network established in 1949. Pacifica’s devotion to community programming is apparent in the collection's preponderance of historic recordings covering progressive cultural socio-political movements. Consisting almost entirely of magnetic media, including over 50,000 reel to reel and cassettes, as well as DATs and 16” transcription discs, much of the collection is at risk of failure. Over six weeks, I worked on two distinct collections within PRA. The first project was a collaboration with the Moffitt Library, University of California at Berkeley to preserve historically significant LGBT materials produced by the Pacifica sister stations. I endeavored to identify, assess physical condition, and digitize these materials. In the second, PRA participated in the American Archives Pilot Project to identify and assess public broadcasting collections. We sought to create an inventory of early, rare material related to the African American Civil Rights movement produced by KPFA, San Francisco, to exemplify the Archive's holdings. Additionally, I created a 1/4” magnetic tape survey tool to assess the physical condition of archival materials and a workflow document so that this process might be replicated by future members of the PRA team.

Sarah Weinblatt  
*Needs Assessment of Acetate Film in the Harry Ransom Center's Film Department*  
The Harry Ransom Center  
Faculty Supervisor: Caroline Frick  
Field Supervisor: Steve Wilson

The purpose of this needs assessment was to identify 16mm acetate based motion picture film most at risk of becoming unsalvageable in the Harry Ransom Center’s Film Department. Two collections were surveyed: the Norman Bel Geddes Collection and the KUT Collection. Originally, the To-be Hooper Collection was to be assessed as well. However, after more thought regarding his decision, the Film Curator, Steve Wilson, decided that the future surrounding this collection of film was too uncertain to create as urgent of a need to inspect this collection. At the Harry Ransom Center, there are no storage conditions ideal for acetate motion picture film that has reached the autocatalytic stage i.e. the stage of vinegar syndrome that will speed up the degradation process. The film curator asked me to examine the collections for specific reels that could be identified with a hockey puck like state. This process included my creating a survey tool in conjunction with the IPI’s Storage Guide for Acetate Film to select and identify the acetate film that needed to be frozen onsite. After the needs assessments were conducted, it was determined that the entire Bel Geddes Collection should be frozen due to 40% having reached the autocatalytic stage. I also determined that 54 of the 217 cans of film in the KUT Collection should be de-accessioned because these items were discovered to be severely degraded magnetic tape with no corresponding film element. In the end I was able to prepare a portion of the Bel Geddes film to be frozen, but due to lack of space in the current two freezers onsite, I recommended a third freezer should be bought.

Cecilia Dunn Williams  
*Evaluating the Norma Meldrum Juvenile Special Collection*  
Houston Public Library, Houston Metropolitan Research Center  
Faculty Supervisor: W. B. Lukenbill  
Field Supervisor: Elizabeth Sargent

The Houston Metropolitan Research Center, a division of the Houston Public Library, holds a collection of over 3,000 historical juvenile fiction and non-fiction titles known as the Norma Meldrum Juvenile Special Collection. This collection was originally put together during the early to mid-20th century, and reevaluation of the collection and individual items is necessary. The objectives of this project are 1) to learn how to evaluate and manage a special collection; and 2) exposure to juvenile literature, primarily historical fiction. The Norma Meldrum Juvenile Special Collection is being evaluated through comparison of prominent children’s literature collections, union catalogs, and bibliographies of significant children’s literature. Other considerations include each item’s existence in the Houston Public Library catalog, and an estimation of a monetary value for each item based on consultation of used and rare book vendors. Of particular interest are titles with pre-1930 high-quality color plates, first editions, and autographed editions. The expected final result will be a report based on field notes taken during the project and a description of the final collection evaluation criteria and holdings.
Yumi Yaguchi
University of Texas Libraries
Faculty Supervisor: Mary Lynn Rice-Lively
Field Supervisor: Mengfen Su

This project aims to provide information resources for Japanese Studies, mainly on Humanities and Social Sciences. The primary focus is on the topics/courses currently taught in the Department of Asian Studies, College of Liberal Arts, University of Texas at Austin (UT). I created a web-based research guide in support of information needs of students and faculty in the program of Asian Studies/Asian Cultures and Languages with a regional specialization in Japan. Work was guided by the library-faculty liaison for the program. I determined the needs of the users of the Japanese Collection through analysis of user transactions, including interviewing and consulting faculty, and study of other existing web-based Japanese Collection guides in other institutions. I also developed the classification of all the resources with particular attention to easy navigation for users and applicable categorization for creating the East Asian Library Program Website in the near future. The resources consist of those available through UT Libraries, from Japan, and open to public. The final product includes the PDF file for handout listing those resources and bibliography research tips to mitigate research difficulty for the researchers of Japanese Studies. A brief summary of the points I learned in the project, such as results from the needs analysis in the preliminary research, will be also accompanied.

Betsy Brightstar Young
A Survey of Unprocessed Photo Collections at the Austin History Center
Austin History Center
Faculty Supervisor: David B. Gracy II
Field Supervisor: Daniel Alonzo

The Austin History Center, archival repository for the City of Austin, houses many unprocessed photograph collections. These collections hold potentially valuable photographs, but currently cannot be accessed by the public because they have not been examined, arranged, and described. The purpose of this project is to conduct a broad survey of all these collections, the first step toward complete processing. The survey includes examining each collection and gathering informational data, including number of boxes, types of materials, and housing conditions, and compiling this data into a searchable database, accessible by all of the Center’s staff. The ultimate goal of the project is to provide cost estimates for complete processing of the collections and to prioritize which collections should be processed first. The most important factor in the prioritization process is the evaluation of the collection in terms of relevance to the Austin History Center’s current holdings. Relevance depends on the subject of the photographs, identification of locations, and the uniqueness of the photographs, and is reflected by an assigned local value rating. This project will be of great use to the Austin History Center and all of its staff, since no information of this kind has been previously available about these collections.