



Digital Case  
Newsletter

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### University Archives Collection Launched

Digital Case has just added a wonderful [collection of high quality historical images](#) organized by [people](#), [places](#), [events & activities](#) and [things](#) having to do with Case Western Reserve. The collection is contributed by the [University Archives department](#). From football games to lecture series to presidents' inaugurations, a wide range of CWRU's ceremonies, performances, scholarly and social events are represented. Currently the collection contains images only. Digitization of the University's video, audio cassette, phonograph, and film heritage, spanning over 60 years, will make this rich documentation conveniently accessible and usable in ways not previously possible.

### TEI Book Viewer Launched

Digital Case now has the ability to present TEI (Text Encoded) materials as books within Digital Case. This new interface allows users a book-like experience by bringing together the best of the web and the physical print world. The Digital Case implementation of TEI has taken some best features of the [Google Book Viewer](#) and also added a few enhancements to improve the usability. One such feature is the ability to display the text and [book image in a side-by-side \(landscape\) view](#).

### Recent Enhancements

1. Corrected behavior for Archival Quality image downloading of jp2 image files.
2. Create Dark Archive ability: This will allow Digital Library Programs staff to upload and store/manage content in DigitalCase, while preventing it from being displayed (both by browsing or searching) to the public. This is especially important for potential collections that for a variety of reasons (including intellectual property concerns) need to be preserved but cannot immediately be presented to the public.
3. Updated statistical reporting capabilities. (This project is ongoing.)

### Coming Soon!

1. ECH Collection –annual editions of Encyclopedia of Cleveland History collection will be made available. This will include an annual snapshot of the <http://ech.case.edu> collection with regard for the most recent changes over the given year. This new feature will provide the support for on-going serial collections in the future.
2. Website Archiving - We are currently building a business plan for the best way to proceed with a long-identified goal of archiving web sites. One option is to procure the software to gather web sites and archive them with our own staff and computing resources. We have recently begun exploring a subscription service provided by the Internet Archive (<http://archive.org>) called Archiveit (<http://archiveit.org>) in which the company does the "web crawling", full-text indexing and creation of collections, which we would then link to Digital Case. A

decision on whether or not to proceed is expected within the next few months. The first such collection available in Digital Case would include KSL's own website, case.edu, as well as carefully chosen faculty web sites such as the Tell Nimrin site created by Professor Emeritus James Flanigan.

### **Other recently added notable collections**

- US Steel Reports -- The U.S. Steel Corporation, a large producer of steel and a major manufacturer of wire and wire products, had 9 divisions of its American Steel & Wire subsidiary in Cleveland at one time. The Cleveland-based firms that eventually became part of U.S. Steel dated back to 1857 when David and John Jones founded the Jones & Co. in Newburgh, where they erected one of the first rolling mills in the area. Digital Case, as a part of an effort between KSL and Weatherhead, has digitized and will make available the U.S. Steel Annual Reports for the years 1901 through 2001.
- Michaelson Morley Lectures -- Michelson-Morley Centennial Symposium 1987: Modern Physics in America. The symposium derives its theme from the original Michelson-Morley experiments in the summer of 1887. This point in time (during the summer of 1887) has been referred to as the beginning of modern physics. Most of the major areas of physics are reflected in the 1987 symposium, including many world-renowned scientists. The sixteen videos have been made available, courtesy of William Fickinger, CWRU Professor Emeritus, and is now a collection in Digital Case.
- Off the Shelf -- Off the Shelf is a series of podcast interviews of Case Western Reserve University faculty authors, hosted by Kelvin Smith librarian, William Claspy.
- On Reserve -- The Magazine of the Kelvin Smith Library
- Otto Ege Collection -- Fifty original leaves from medieval manuscripts, Western Europe, XII-XVI century.
- Darwin Project -- (Ongoing) A collection of the Case Western Reserve campus activities surrounding the 100th year celebration of Charles Darwin's birthday.
- Charles F. Brush Collection -- KSL's Special Collections department has been actively digitizing many of the Charles Francis Brush collection of writings, ledgers, and much more from their History of Science and Technology collection. The items include photos of the Brush mansion, family, and illustrations of the patents of this acclaimed inventor. The Brush arc light was invented in Cleveland and was implemented throughout the U.S. and abroad in the 1800s.

### **Books on Cleveland and its Environs Collection**

Digital Case has begun a project to encode its collection of primary source texts on the history of Cleveland, Ohio and its environs. The collection comprises over 100 books, which date from the mid-nineteenth century to the early twentieth century, and cover a wide array of subjects, including: ethnic groups in and around Cleveland; Cleveland charity organizations; and historical homes and landmarks of Cleveland and Cuyahoga County. The books, most of which have already been scanned, will be encoded according to Text Encoded Initiative (TEI) Consortium Best Practices standards. Digital Case will also pursue a NEH start-up grant to help fund the project, which is expected to take two to three years.

### **Text Encoding Workshops**

Classes on Text Encoding will be offered this Spring and Summer through Case Learns. Two 3-hour workshops will be held: an introduction to text encoding and TEI, and an advanced course on text markup with attention to structural, personographical, and geographical features. Additionally, a text encoding workshop will be a part of the summer 2009 Freedman Fellows program. These workshops are geared toward Case faculty and students who wish to learn text encoding and contribute content to Digital Case's electronic book collection.

## Statistics update

The top ten viewed collections since 2007 in Digital Case are:

Collection	Views
<a href="#">The encyclopedia of Cleveland history</a>	197065
<a href="#">Electronic Theses and Dissertations</a>	177154
<a href="#">The United Nations Commission of Experts for the Investigation of Atrocities in the Former Yugoslavia Archive</a>	74949
<a href="#">Classics Slide Collection</a>	72720
<a href="#">The Center on Urban Poverty and Community Development</a>	27298
<a href="#">WPA Prints in Special Collections</a>	29721
<a href="#">KSL Digital Book Collection</a>	60331
<a href="#">African American Scholars at Case</a>	13466
<a href="#">Case Western Reserve University Patents</a>	35695
<a href="#">ETANA Core Texts</a>	39656
<b>Total:</b>	<b>774102</b>

The top ten views by department are:

View by Department	Views
Kelvin Smith Library	522155
General Program/Support	74980
Classics	70174
Information Technology	9800
Library - MSASS	9723
Religion	3312
Enrollment Mgmt - Tech Divisio	3084
Political Science	1691
Epidemiology & Biostatistics	1443
History	295
<b>Total:</b>	<b>696804</b>

## Digital Library Working Group

A working group has been established comprising the major contributor groups within the library to consider and discuss all procedures, processes, file types, collections, and, in short, all topics relevant to Digital Case regarding what will be in it and how it will get there. Inaugural members included: Nora Blackman, Special Collections; Virginia Dressler, Digital Library Programs; Sharlane Gubkin, Preservation; Tom Hayes, Digital Library Programs; Jill Tatem, University Archives; Richard Wisneski, Metadata and Bibliographic Services; Roger Zender, Technology Team. While the work itself may not be all that exciting (file naming conventions, quality assurance, etc.) it is necessary to ensure that all digital library projects into the future flow easily into Digital Case. A pilot test project is underway that involves the conversion of audio cassettes (currently in University Archives) into digital files that will be added to Digital Case. This pilot project will be a test to ensure a bedrock process for the many miles of tape that are sure to follow.

## Virginia Dressler has been Promoted

Digital Library Programs is very happy to announce that Virginia Dressler (aka 'Ginnie') has been promoted from Digital Library Program Assistant to Digital Library Programs Librarian (a Librarian Level II position). Virginia, who joined the Digital Library Program team here at KSL in early 2008, has quite a background: including a Masters Degree in Library and Information Science from Kent State University; coursework in Museum Studies at the University of Leeds in England; as well as a BA in Art History. She is a member of the Society of Ohio Archivists, has worked with Special Collections at Kent, as well as a year of work with Project Gumbo at Louisiana State Museum. This is by way of saying Virginia is talented and an excellent addition to the Kelvin Smith Library. But beyond this, in her work with Digital

Library Programs, Virginia is working closely with Jennine Vlach, the Freedman Center's new Training and Operations Manager to ensure that the students who digitize materials for Digital Case have the same knowledge, skills, and abilities as those students who work in the Freedman Center. This is an alignment of activities between the Freedman Center and Digital Library Programs that will be expanded. The Freedman Center has a commitment to digital libraries and, as has been said many times, is a cross-roads where the analog/hardcopy world meets the digital world. The Freedman Center will be instrumental going forward in digitizing and preparing content for Digital Case and part of the work for 2009 is articulating and architecting what this process will be. We are fortunate to have Virginia who, in her first year dug deep to re-organize the existing backlog of materials earmarked for Digital Case and allowed Digital Library Programs to move forward quickly to tackle new projects and important processes that will make Digital Case an even stronger resource for the Case Western Reserve community into the future.

### **Equipment Under Review**

Digital Library Programs is looking at possible hardware purchases not only to improve the efficiency with which it handles certain tasks, but to expand the type of materials that can be captured and ingested to Digital Case. Two fine examples of current considerations include the Bookeye 3, R-2 Color Scanner and the Sniper 8mm/16mm film capture solution. The Bookeye scanner from the Digital Library Services Group, which includes the Opus 3 workflow system, allows for efficient bound book scanning with 24-bit color scans at 600dpi at an amazing nine seconds per page. The Opus 3 workflow system allows for a templated approach to the creation of metadata profiles for each object scanned--each metadata profile being added to the digital object at the time of creation. This workflow solution merges what are often disparate steps in the process of creating digital objects for inclusion in repositories, thus creating workflow efficiencies that will enhance production outputs for Digital Case. The Sniper film capture units allow for 100%, full-frame, frame-by-frame scanning of 8mm and 16mm film. The 16mm unit even allows for the capture of the audio track in time sequence with the video. These units improve not only the efficiency of capture of Super 8, 8mm, and 16mm film, but vastly improve the quality of capture, as the film is shot directly onto a 1-CCD digital video camera--rather than onto a wall or screen, which affects output quality. In terms of digital video capture, Digital Case has been reluctant to capture Super 8, 8mm, and 16mm film to date without the controls that units like the Sniper will provide.

### **In Depth...**

In late 2007 the Managing Librarian of the Freedman Center, Tom Hayes, was promoted to the position of Head of Digital Library Programs in the Kelvin Smith Library, formally becoming a member of a team of KSL staff members working to advance Digital Case. This promotion, while still retaining the title Managing Librarian for the Freedman Center, signaled a formal confluence of activities at the Kelvin Smith Library of two initiatives: Digital Case and the Freedman Center.

The name of the Samuel B. and Marian K. Freedman Digital Library, Language Learning, and Multimedia Services Center itself bears testament to the tripartite role of this dynamic space in the mission of the Kelvin Smith Library. Through the first two years of the Freedman Center's existence the latter two segments of the Freedman Center's formal title were in better stages of fulfillment. However, the Freedman Center now stands in excellent position to bring the first segment into comparable standing and push the Freedman Center forward to realize its total mission to the Case Western Reserve campus and beyond.

Strategically, the combination of Digital Library services and Multimedia services is admirable. Multimedia service in the Freedman Center is orientated toward providing faculty, students, and staff—and now alumni—with the means of converting analog and hardcopy content to a digital format, as well as realizing full digital and multimedia projects using the tools available in the Freedman Center. A final goal, that is no less important, is providing educational opportunities for those who would like to understand, conceptually, the whole process in a more fundamental way. The goals of Digital Library services are many, but include guidance and consultation in the process of converting analog and hardcopy materials to a digital format and, in some cases, handling and overseeing this process directly. While this is only one part of the overall picture in Digital Library Programs, it is nonetheless an important feature of the operations and one that interlocks with the Freedman Center.

Many of the collections in Digital Case provide a wonderfully explicit example of the kinds of materials that make their way into the digital library, but also highlight the fundamental role that the Freedman Center plays in this process:

- *Digital Case Partnerships in Action* -- The Center for Policy Studies was officially established in July 1998 by the Dean of the College of Arts and Sciences. Although based in the College, the Center endeavors to stimulate greater interest in policy issues at CWRU, to encourage the many policy scholars across the University to interact with each other and with the larger public beyond the campus, and to increase the local and national visibility of policy studies at CWRU. The Freedman Center has offered its technical expertise to

the Center for Policy Studies through the selection of audio recording hardware and software, training and guidance, and post-production services. As a result, the Center for Policy Studies has succeeded in contributing its very fine content to the University Channel (hosted through Princeton University) and Digital Case has gained rich audio content as a record of the scholarly output of the University.

- *KSL Digital Books* -- The KSL Digital Book Collection contains electronic versions of books from the Library's collections which are rare, brittle, and/or otherwise difficult to circulate. The Collection includes four sub-collections; publications from the College of Arts and Sciences, the main Digital Book Collection, Books on Cleveland, and the ETANA Core Texts. All the digital books are currently available in PDF format. Also included are a growing number of full-text versions encoded in XML, using the Text Encoding Initiative (TEI-Lite) Guidelines, and image-based versions will be available soon through an interactive book viewer. The Freedman Center plays a role in this project through its provision and maintenance of the Planetary Scanner—an AIAXact High Resolution Digital Reprographic Workstation, comprised of a 6,000 x 8,000 pixel tri-linear CCD array (48 MP) BetterLight Digital Camera Back attached to a modified Linhof 4x5 medium format camera with a Rodenstock APO lens; as well as its provision of outstanding optical character recognition (OCR) software, which makes possible the preparation of tagged image file format (tiff) images as text files for use in TEI mark-up.
- *The United Nations Commission of Experts for the Investigation of Atrocities in the Former Yugoslavia Archive* -- Collection of materials of the United Nations' "Commission of Experts Established Pursuant to Security Council Resolution 780," including material on the database project from the International Human Rights Law Institute at DePaul University. The Commission was established to investigate and document human rights abuses in Yugoslavia in 1991. The Commission's work ultimately led to the establishment of the International Criminal Tribunal for the Former Yugoslavia in 1996. The physical collection, a gift from M. Cherif Bassiouni (2006), is housed in Special Collections, Law Library, Case School of Law; but the digital surrogates were prepared in the Freedman Center, using the Bell & Howell Sidekick 1300 - Sheet fed Scanner. (Bell & Howell being, coincidentally, the company to which Samuel B. Freedman sold Micro Photo, Inc.)

These are just a few examples of the sorts of projects that wed the services of the Freedman Center and Digital Library Programs. Services that have been proposed for the future include additions to those Premium Services already provided in the Freedman Center to include metadata services, consultative services, copyright services, services for the creation of electronic theses and dissertations (which end up in Digital Case via OhioLINK), and scholarly communication services. For more information on the Freedman Center, please see <http://library.case.edu/ksl/freedmancenter/> .

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