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CORNERSTONE

THE NEWSLETTER OF MORRIS LIBRARY • SOUTHERN ILLINOIS UNIVERSITY CARBONDALE



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The Challenges of Preserving a Rare Edition of Dante's Inferno.

By Kathleen Harrison

The decision to conserve a rare book can be complicated because there are many factors that must be weighed. This was the case when in June 2012 Melissa Hubbard, Rare Book librarian in the Special Collections Research Center (SCRC) at Morris Library, contacted the Preservation unit about strengthening the binding on a rare edition of *Dante's Inferno* with



illustrations by Gustave Doré. This particular edition was published by Cassell, Petter, Galpin & Co. sometime between 1870 and 1890. After a consultation and assessment, Hubbard and Julie Mosbo, the Preservation librarian, decided the book could undergo repair in Morris Library's Conservation Lab.

The ability to physically use and access the information in this copy of *Dante's Inferno* played an extremely important role in the decision to repair the volume.

Doré's illustrations are considered to be some of the finest examples of his wood engraved prints. This edition is frequently shown to art and design classes at SIU because of the high quality of the wood engravings.

Doré's name is featured prominently on the cover, which indicates the significance his illustrations had in marketing this edition.

The binding itself is an important example of the nineteenth century binding process. The book is also an excellent example of a nineteenth century gift book. The edition is highly adorned and the covers feature intricately embossed designs and gilding. The page edges are also gilded and the endpapers display decorative flower motifs.

As is typical of Cassell editions from the period, this edition's binding had become loose, in what is known as a "shaken binding." The initial treatment plan was to replace the damaged spine with a new spine and mend the frayed

continued on page 7 . . .

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For a complete listing of the library staff, go to the **STAFF DIRECTORY** on our home page: <http://tinyurl.com/4gybkbl>

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Message from the Dean



Spring is here and exciting changes are coming to Morris Library! After 5 years, the basement is open with 1.3 million volumes in place on compact shelving as well as a variety of fresh study spaces dotted throughout the floor. Lighting and distinctive seating arrangements have transformed the once stark interior into a peaceful reflective environment. The basement is rapidly becoming a favorite quiet study locale. Our other quiet study floors, 4 and 5, remain popular, but students will find the 5th floor even more appealing with 20 computers to be installed in March. These will be our first supplied computers in a quiet study area.

Construction began at the beginning of March 2013 on the 6th and 7th floors.

The surfaces in the restrooms are being tiled with ceramic and granite tile one floor at a time. The restrooms on the south side of the 1st Floor are complete with those on the 5th floor nearly complete and those on the 3rd floor under renovation.



With just three weeks' notice, Saluki Tech, the new name for the IT Computer Support Center, moved from NW Annex Room 105 to join the library technology team at the north side of the Information Desk on the 1st floor. Saluki Tech provides comprehensive walk-up technology support for the SIU population, including personal device configuration, troubleshooting, and repair. Saluki Tech and the Information Desk are open with highly trained staff and student assistants from 7:30 a.m. to 11 p.m. Monday through Thursday, 7:30 a.m. to 9 p.m. Friday, 11 a.m. to 7 p.m. Saturday, and 1 to 9 p.m. Sunday. At this integrated service point everyone can obtain information and research assistance from faculty librarians and other staff and receive a diverse array of technology services. Whether the patron wants help with accounts, software and hardware installation, virus removal, network and wireless configuration, operating system reinstallations and upgrades, or to purchase peripheral and hardware items, the Information Desk with Saluki Tech is the place to go. Saluki Tech also supports the Mobile Dawg program, in which Dell Latitude 10 tablets with Windows 8 are on trial in some courses using e-texts this spring. The Mobile Dawg program will expand in fall 2013 to all incoming freshmen, each of whom will receive a tablet. A drop-off and pick-up window will soon be installed in the computer area near the Information Desk to streamline personal device configuration and customer service.



The Library Is Seeking ...

\$440 for **BOWLING, BEATNIKS, AND BELL-BOTTOMS: POP CULTURE OF 20TH- AND 21ST-CENTURY AMERICA**, edited by CYNTHIA JOHNSON. [2nd edition] This second edition (1st ed., CH, Feb'03, 40-3158) has a new subtitle, indicating the extension of its coverage into the 21st century. This set continues to be an upbeat, informative source for salient aspects of American popular culture for the last 100-plus years. Retaining the first edition's format, it discusses popular culture by decade, under "topic categories": Commerce, Fashion, Film and Theater, Food and Drink, Music, Print Culture, Sports and Games, TV and Radio, and The Way We Lived. Each volume includes the entire set's table of contents, alphabetical and topic category entries, contributors, and a timeline. A reader's guide appears in volume 1, and the overall index in each book, along with a general bibliography. (Choice)

ALL THE ITEMS IN THE LIBRARY IS SEEKING FEATURE FROM THE SUMMER ISSUE WERE ADOPTED.

Thank you for your support!

\$315 for **CELEBRATING LATINO FOLKLORE: AN ENCYCLOPEDIA OF CULTURAL TRADITIONS**

edited by MARÍA HERRERA-SOBEK. Tacos, Cinco de Mayo and piñatas long have been recognized as part of Latino culture in the United States. Other traditions, such as papel picado (paper art) or menudo (tripe), may not be as familiar. Celebrating Latino Folklore does a good job of pulling together over 300 short and long essays on folkloric or oral traditions, including myths, legends, music, games, and jokes, among others, that have been imported from all over Latin America and the Caribbean into the US. And while the three-volume set seems slightly more focused on Mexican traditions, it does cover most Latin American countries, including Brazil. (Choice)

\$205 for **THE NATIONAL SECURITY DOCTRINES OF THE AMERICAN PRESIDENCY: HOW THEY SHAPE OUR PRESENT AND FUTURE**

by LAMONT COLUCCI. Colucci offers a two-volume chronological examination of foreign policy and national security doctrines of American presidents from George Washington to Barack Obama. By focusing on the multiple sources presented, readers can explore the rationale behind these doctrines (real, rhetorical, and ideological). Readers may follow the historical evolution of these policy and security-related doctrines in these two volumes, which also identify "the major themes and highlights and unique revelations." The information offered in this single source stands out, not only for its comprehensiveness and brevity, but for "its examples and explanations." A representative entry, spanning ten pages, refers to the December 7, 1903, third annual message of President Theodore Roosevelt. The glossary, bibliography, and index are very helpful. The appendixes of primary documents in the two volumes alone are well worth the price of the set. (Choice)



\$95 for **AUDUBON'S AVIARY: THE ORIGINAL WATERCOLORS FOR THE BIRDS OF AMERICA**

by ROBERTA OLSON. This important new volume presents all the dazzling watercolors that Audubon painted. *Audubon's Aviary* illuminates the original masterpieces that were created by Audubon himself and tells the story behind their creation with fresh insights and engaging quotes from his writings. These powerful paintings—all newly photographed using state-of-the-art techniques—possess a startling immediacy, vibrancy, and fluidity that link natural history, art, and a respect for the environment. (From publisher)

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The Adopt-a-Book Program appreciates your support.

INVENTIONS: Twelve Around One

In December 2012 Allegra Fuller Snyder, daughter of R. Buckminster Fuller, graciously donated "Inventions: Twelve Around One" to the Special Collections Research Center (SCRC) in Morris Library. Created in 1981 by Colophon (Cincinnati, Ohio)

under the supervision of Buckminster Fuller, this set of folios depicts thirteen of Fuller's patented designs and structures. The 4D House, Dymaxion Car, Dymaxion Bathroom, Dymaxion Deployment Unit, Dymaxion Dwelling Machine (Wichita House), Geodesic Dome, Octetruss, Tensegrity, Monohex, Submarisle, Laminar Geodesic Dome, Rowing Needles, and non-symmetrical tension-integrity structures are represented in the collection. The set was published by the Carl Solway Gallery in 1981.

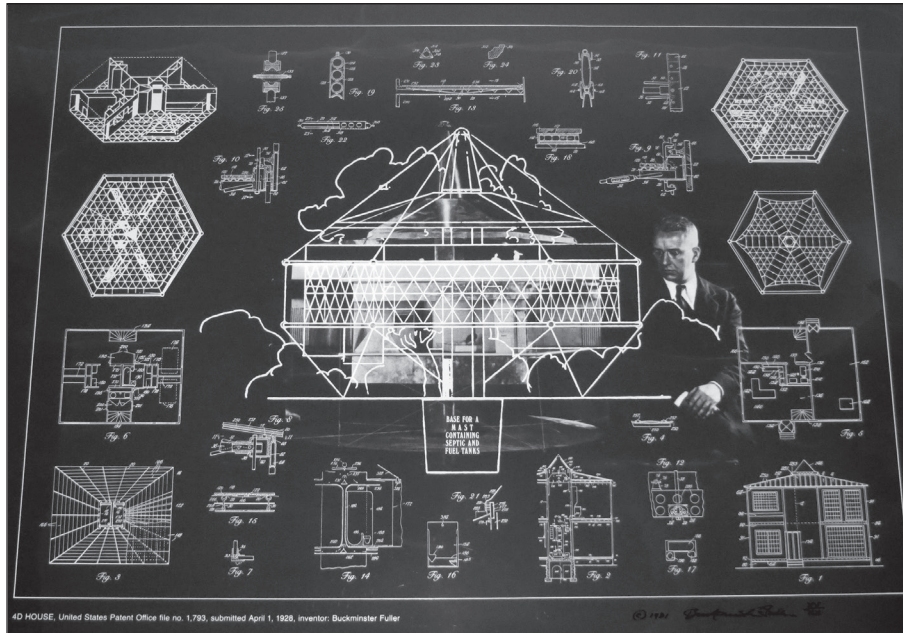
Each of the thirteen folios consists of three 40"x30" sheets that overlay one another. A clear polyester sheet containing a design's engineering specifications rests upon a screen print of the completed structure, which is supported by an additional backing sheet. Each polyester film sheet is signed by Buckminster Fuller. Only sixty numbered portfolios (1-60) and twenty hors commerce (I-XX) were created. The SCRC has set XV/XX.

Fuller's legacy at Southern Illinois University is well known and his impact in Carbondale is still celebrated. A

professor at SIU from 1959 to 1970, he was the university's first research faculty member. He was also visiting professor at SIU Edwardsville from 1972 to 1974. As *New Yorker* journalist Calvin Tomkins wrote in 1981, "One of the great things about Bucky

Fuller was a technocrat who believed that innovative science and technology can solve societal problems by doing more with less for the benefit of all. This philosophy is evident in the "Inventions" collection. Several design captions emphasize low cost, durable

building materials that result in lightweight and affordable structures. The 4D House, for example, weighs 6,000 pounds and cost 25 cents per pound or \$1,500 in 1927, the year it was designed. Comparatively, the average house in 1927 cost \$7,929. Accompanying the house is the Dymaxion Bathroom, weighing 420



4D HOUSE. United States Patent Office file no. 1,793, submitted April 1, 1928.

Fuller is that no professional category can hold him. Architect, engineer, inventor, mathematician, cartographer, philosopher, poet, teacher, cosmogonist – he is all of these and something beyond them..” His architectural and philosophical influence persists. The geodesic dome, arguably Fuller’s most recognizable design, was used to create the United States pavilion at Expo 67 in Montreal. The pavilion drew crowds of more than fifty million in its first six months and won the first Architectural Design Award by the American Institute of Architects. The geodesic dome is also the design for Epcot Center’s Spaceship Earth. Another Fuller structure—the laminar geodesic dome—has influenced the design of weather stations.

four die-stamped pieces of sheet metal that are “light enough to be lifted by two people.” The Dymaxion Car, built from 1933 to 1934, pioneered innovative technologies such as “front-wheel drive, rear engine and rear steering, and aerodynamic streamlining.” Today’s quest for the most fuel efficient vehicle poses challenges that Fuller tackled eighty years ago. Given advances in materials and technology, what might a 21st Century Dymaxion Car achieve?

The collection complements SCRC’s other Buckminster Fuller holdings, which include numerous photographs, over 150 structure models, and a collection of writings, clippings, and audiovisual material. His official archives are located at Stanford University.

Margaret Kimball Brown given 2013 Delta Award

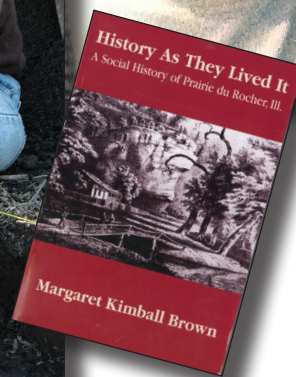


Margaret Kimball Brown is the recipient of the 2013 Delta Award presented by the Friends of Morris Library at Southern Illinois University Carbondale.

The award honors Dr. Brown for her numerous publications that document the history of the French Colonial settlement in the mid-Mississippi Valley.

Since 1976, the Friends of Morris Library have presented the Delta Award to an author who is from or has written about southern Illinois. The distinguished previous recipients include John Y. Simon, Kay Rippelmeyer-Tippy, David Kenney, Paul Simon, Jon D. Muller, and John Gardner.

The award ceremony was held at 5 p.m. on April 25, 2013, in the John C. Guyon Auditorium at Morris Library on the campus of Southern Illinois University Carbondale featuring a talk by Dr. Brown: *The Village of Chartres: An Archival Detective Story*. A reception followed her presentation. For additional information, please contact Kristine B. McGuire, kmcguire@lib.siu.edu or 618/453-1633.



Vintage Image Corner



J. L. Hennesy, Murphysboro, and Illinois Central Railroad boiler inspector furloughed recently in connection with the retirement of steam facilities on the St. Louis division, takes a look at one of the last steam locomotives on the railroad and a modern passenger diesel. Caption courtesy of the Southern Illinoisian, March 1, 1959.

Dean's message continued from page 2

The new collaborative service is a huge convenience for students who can stop in between classes or at night to get help, study, purchase snacks in Delyte's, check out books, and meet friends. With Saluki Tech, they can also obtain technology support without going out of their way, for longer hours, and with improved services.

Students will find other conveniences to make their academic efforts easier: new Debit Dawg machines, relocated printers, a copier in the Delyte's extended hour's area, and over the summer the extension of wireless coverage in Morris Library.

Life as a Saluki just gets better all the time!

Case Cooper Moore, Ph.D.

The Library Is Seeking ... continued from page 3

\$270 for WAR IN THE MIND A FILM by JUDY JACKSON. DVD with public Performance Rights Purchase. It's called Post Traumatic Stress Disorder (PTSD): the unending echo of battle etched in the brain which may affect up to 15 percent of soldiers by some estimates. It can destroy families, and can leave its sufferers unable to work, addiction addled and changed.

All the soldiers who bravely speak out in this film are doing so because they want us to understand what they endure. They also want to reach out to others who are suffering in silence, and may feel the only way of ending their pain is ending their lives.

Senator and Lieutenant General (Ret.) Roméo Dallaire of Rwanda fame also plays a major role in this film. For many years he has heroically spoken out in public to declare that he suffered intensely from PTSD and had attempted suicide. And today he continues to campaign on behalf of all soldiers who suffer. *War in the Mind* also investigates the issue of soldier suicide. Statistics from past and present wars tell the sad story of the magnitude of this problem. Currently more soldiers are dying from suicide than in battle. Families who have felt invisible, their sons' stories unacknowledged, tell of the impact of their loss.

Yet this film also discovers that with effective treatment suicide can be prevented. Our cameras gained unique access to a UBC/Royal Canadian Legion program which helps soldiers undo the wiring that military training has implanted in their brains, confront their pain, and learn to live again.

(<http://www.bullfrogfilms.com/catalog/warmnd.html>)

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Contact Kristine McGuire
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\$430 for CONTINENTAL DRIFT CONTROVERSY (4 volumes) by

HENRY FRANKEL. Resolution of the sixty year debate over continental drift, culminating in the triumph of plate tectonics, changed the very fabric of Earth Science. This four-volume treatise on the continental drift controversy is the first complete history of the origin, debate and gradual acceptance of this revolutionary theory. Based on extensive interviews, archival papers and original works, Frankel weaves together the lives and work of the scientists involved, producing an accessible narrative for scientists and non-scientists alike.

(From publisher)



\$590 for HANDBOOK OF MEASUREMENT IN SCIENCE AND ENGINEERING by MYER KUTZ.

The most comprehensive, up-to-date reference set on engineering measurements covering all major engineering disciplines, this two volume set provides a multidisciplinary resource of engineering measurement theory, necessary tools, techniques of measurement and analysis, and applications. Encyclopedic in scope, beyond anything currently available on the market. Volume 1 covers civil and environmental engineering, mechanical and biomedical engineering, and industrial engineering; Volume II covers and spans materials properties and testing, instrumentation, and measurement standards.

(From publisher)

\$265 for BRILL'S COMPANION TO SOPHOCLES by ANDREAS MARKANTONATOS. *Brill's Companion to Sophocles* offers 32 specially commissioned essays from leading international scholars which give critical examinations of the progress and direction of numerous wide-ranging debates about various aspects of Sophoclean drama. Each chapter offers an authoritative and state-of-the-art survey of current thinking and research in a particular subject area, as well as covering a wide variety of thematic angles. Recent advances in scholarship have raised new questions about Sophocles and Greek tragedy, and have overturned some long-standing assumptions. Besides presenting a comprehensive and authoritative guide to understanding Sophocles, this companion provides scholars and students with compelling, fresh perspectives upon a broad range of issues in the field of Sophoclean studies.



\$145 for HINDI CINEMA: REPEATING THE SUBJECT by NANDINI BHATTACHARYA.

Hindi Cinema is full of instances of repetition of themes, narratives, plots and characters. By looking at 60 years of Hindi cinema, this book focuses on the phenomenon as a crucial thematic and formal code that is problematic when representing the national and cinematic subject. It reflects on the cinema as motivated by an ongoing crisis of self-formation in modern India.

The book discusses cinematic portrayals of violence, gender embodiment, religion, economic transformations and new globalised Indianness as events.

After revealing the impossibility of accurate representation of incommensurable and liminal subjects within the historiography of the nation-state, the book highlights how Hindi cinema as an ongoing engagement with the nation-state as a site of eventfulness draws attention to the problematic nature of the thematic of nation. It is a useful study for academics of Film Studies and South Asian Culture.

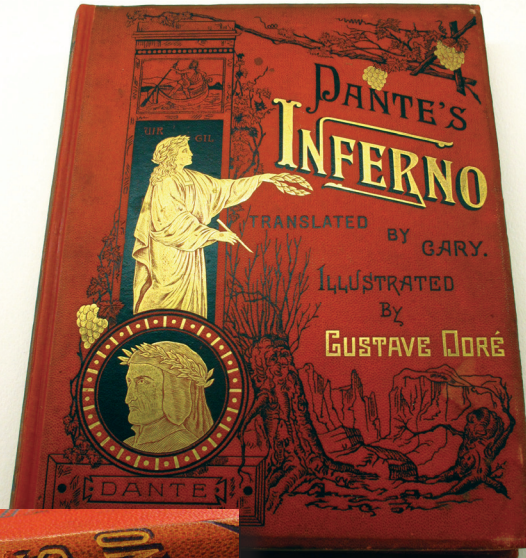
board corners. However, a more in-depth assessment revealed that the binding's sewing had broken and would need to be repaired.

The lab's conservation supervisor began the complex process of disbinding the volume (Picture 2). The original glue was meticulously removed from each of the one hundred and eighty-one leaves in two passes. The volume's original binding was oversewn around recessed cords (Picture 3). While this type of binding is strong, it decreases the flexibility and openness of the text block. The staff decided to rebind the volume with a sewn-through-the-fold binding. To do this, signatures were created by connecting each page to another with Japanese tissue paper and wheat starch paste (Picture 4).

Twenty-three signatures were created and the book was sewn onto linen tapes on a sewing frame (cover). A new spine was created out of book cloth in a color similar to the original cloth and attached to the original cover boards. The original spine cloth piece was mended and reattached to the new spine. Next, the book's frayed board corners were stabilized and new corner

cloth was inserted under the old frayed cloth to protect the corners. Finally, the book was placed back into the repaired original covers in a process that is called "casing-in." The new endpapers are of handmade, 100 percent cotton Firenze paper by the Magnani Mill in Italy and the new headbands are woven art silk with a cord for support.

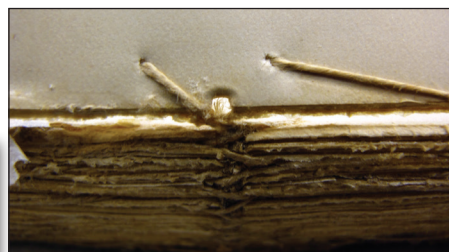
The conserved edition of *Dante's Inferno* has been returned to SCRC's Rare Book collection where it is once again accessible to students, faculty, researchers and community members. For more information about the conservation of *Dante's Inferno* at Morris Library please contact Melissa Hubbard at mhubbard@lib.siu.edu.



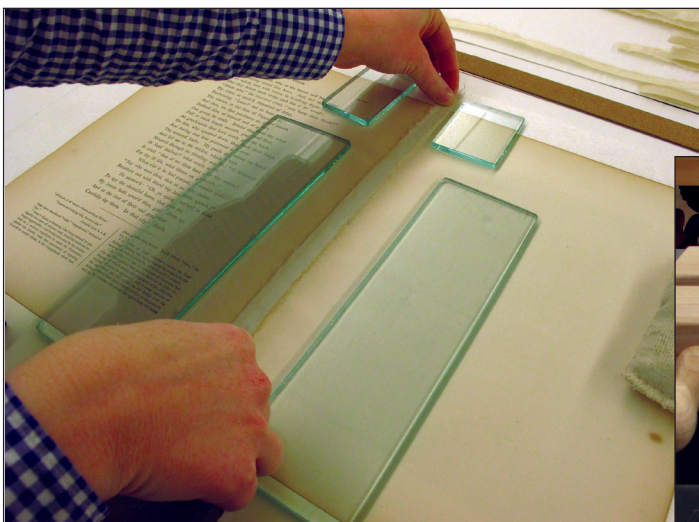
Picture 5: The finished conservation treatment.



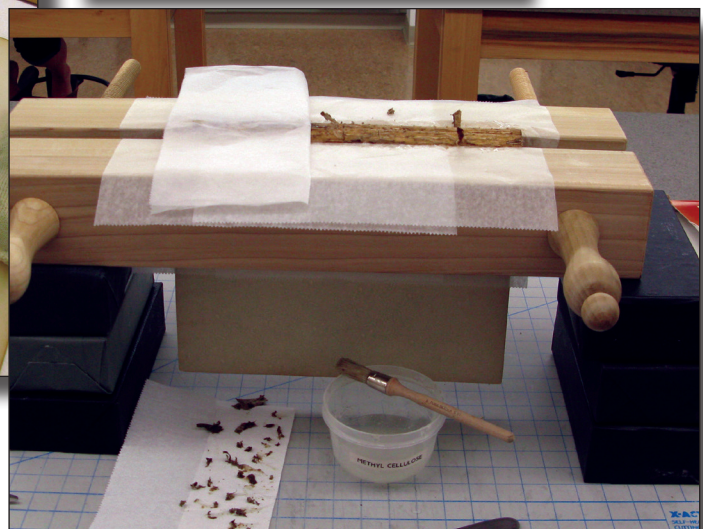
Picture 1: Spine damage prior to conservation treatment.



Picture 3: Original binding was oversewn with recessed cords.



Picture 4: Connecting pages together with Japanese tissue paper to create a signature.



Picture 2: Removing original glue from spine using methylcellulose.



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