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On the cover:
A postcard from
our new collection.
See story on opposite page.

As stated at the beginning of the *Lord of the Rings* movie, "The world is changed." The changing nature of information, information storage, and access to information is the subject of this issue. We are already seeing publishers reduce and even eliminate print in favor of purely digital. Indeed, elimination of print offers significant economies in the areas of printing, storage, distribution, and return and destruction of volumes not sold. Additionally, easier access and increased sales are also attractive to publishers. This is a trend that will continue and accelerate, whether we wish it to or not, and we must adapt accordingly.

This introduces both challenges and opportunities for academic libraries. Challenges exist in that new resources and infrastructure are required to categorize, accept for deposit, store, make accessible, and preserve digital materials. Preservation is especially a challenge, as digital files and file formats are extremely volatile when one considers the length of time libraries preserve information (years, decades, centuries, and even, in rare cases, millennia). That libraries will assume responsibility for the preservation of digital information is a substantial and material benefit to users.

However, there is also great opportunity in that universities can now easily assume greater responsibility for scholarly materials produced by their faculty and students by providing digital repositories. Studies have shown that an increasing number of publishers (now more than 60 percent) allow copyrighted journal articles and publications to be put up on local websites. Libraries also implement technology to make the articles appear in web searches, such as Google and Bing, increasing citations and readership by pointing searchers back to the original journal or publication. These benefits are among the reasons that University Libraries has established its Digital Repository, and will be launching an initiative this year to encourage faculty to deposit their scholarly and creative communications.

Patrial. Burns

Patrick Burns

Vice President for Information Technology and Interim Dean of Libraries Colorado State University



WHAT'S HAPPENING

Friends of Colorado State University Libraries to host author Terry Tempest Williams on April 12

Don't miss this opportunity to hear Terry Tempest Williams, author, naturalist, and advocate for freedom of speech, at 7:30 p.m. April 12 at the Hilton Fort Collins Ballroom. This rescheduled program is free and open to the public, brought to you by the Morgan Library, Friends of Colorado State University Libraries, and the College of Liberal Arts Creative Writing Program. Seating will be on a first-come, first-served basis. A book signing will follow the program.

Known for her impassioned and lyrical prose, Williams is the author of the environmental literature classic, Refuge: An Unnatural History of Family and Place. Her latest book is Finding Beauty in a Broken World.

She is currently the Annie Clark Tanner Scholar in Environmental Humanities at the University of Utah. Her writing has appeared in The New Yorker and The New York Times. www.covoteclan.com



Historic Postcard Collection Features Colorado's Gems

Catherine Knowles and her son Colin donated a collection of more than 600 historic postcards of Colorado to the University Archive. Catherine inherited from her mother-in-law

a huge collection of postcards from almost all 50 states. Catherine and Colin decided to share this collection with the different states so they could be enjoyed by researchers, students, and community members. The collection includes cards dating back to the early 1900s and goes through the 1970s. The

cards have scenes from more than 25 cities throughout the state, Rocky Mountain National Park, hotels and resorts, and scenic vistas.



Surge in Library Use

According to a recent report prepared by the American Library Association, libraries of all types are feeling the pinch of the economic downturn while managing sky-high use. *The Condition* of Libraries: 1999-2009 summarizes trends in public, school, and academic libraries during the period 1999-2009 for a range of library measures (number of libraries and population served, expenditures, staffing, and services). The report also highlights trends in services provided to libraries by library cooperatives and consortia.

As communities and academic campuses develop future fiscal plans, it is clear that public, academic, and school libraries are visibly hard hit. In a Fall 2009 report prepared by the Center on Budget and Policy Priorities, 34 states had reported cuts to higher education. While student enrollment is declining at colleges and universities, library use continues to increase. During a typical week in 2008, academic libraries reported more than 20.3 million visits, answering more than 1.1 million reference questions, and providing more than 498,000 informational services to groups attended by more than 8.9 million students and faculty.

The full report is available at http://www.ala.org/ala/ research/initiatives/plftas/ index.cfm.





IGITAL REPOSITORY

PRESERVING THE RESEARCH AND SCHOLARSHIP OF COLORADO STATE UNIVERSITY

Photos: Research of distinguished professors Holmes Rolston III (Philosophy, top right) and Temple Grandin (Animal Sciences, top left) are preserved in the CSU Digital Repository.

Find more online at: lib.colostate.edu/repository

One of the advantages of living in the digital age is our ability to capture information at an accelerated pace and share it with greater ease. Universities currently have an unprecedented opportunity to make their intellectual wealth accessible to interested readers at any time of day or night via the Internet. Faculty, students, researchers, and academic staff of Colorado State University are now showcasing their research, scholarship, and creative works in the CSU Digital Repository, a campus service implemented by the University Libraries.

The CSU Digital Repository is an openly accessible database designed to store, index, distribute, promote, and preserve the institution's scholarly record for long-term use. Established in 2007 to support the University's strategic plan for research and discovery, it now contains a collection of almost 18,000 digital objects. They include, but are not limited to: theses and dissertations; faculty journal articles and book chapters; award-winning student research projects; department and unit publications such as the Atmospheric Science "Bluebooks" and technical bulletins of the Colorado Agricultural Experiment Station; datasets; and video. Primary resource materials to support research, teaching, and scholarship, and selected materials from University Archives that document institutional history are also found in the repository.

The Benefits

Specific benefits of the repository to individual depositors include:

- Visibility: The CSU Digital Repository maximizes dissemination and impact of faculty and student research. The descriptive information about deposited works is indexed and crawled by Google and other search engines.
- Citation impact: Researchers want their work to be read and analyzed by others, and they want their peers to add to it, build upon it, and credit it. Studies have shown that scholarly papers that are openly accessible in a digital repository are read more widely and thus cited more frequently than those not housed in repositories.

- Preservation: The Libraries is committed to doing everything reasonably
 possible to provide sustained and reliable access to deposited content for
 the forseeable future.
- Persistence: The CSU Digital Repository provides permanent URLs to digital research that will not move or break.
- Digital publishing: The repository provides an alternate publishing
 platform that allows wider distribution and greater control of
 scholarly content. A work on a specialized topic that may not be
 viable as a commercial publication can be disseminated to interested
 readers everywhere.
- Copyright control: In some cases, a depositor may retain control and ownership of research and creative works. Even if a work has already been published, many publishers will allow deposit of a version or versions. Because control of intellectual property has specific legal implications, every situation is unique.

In addition, the CSU Digital Repository makes it possible for authors to capture and share those materials that are not, for whatever reason, destined for publication. This includes many great pieces of unpublished scholarship and artistic endeavor produced at the University, such as conference presentations, exhibitions, working papers, technical reports, and other examples of "gray" literature.

So, what's in the Digital Repository?

A selection of noteworthy materials archived and preserved includes:

Research of distinguished professors Holmes Rolston III (Philosophy) and Temple Grandin (Animal Sciences)

Dr. Rolston, a recipient of the Templeton Prize and numerous other awards, is best known for his contributions to the fields of environmental ethics and science and religion. He is the author of six critically acclaimed books, chapters in 80 other books, more than 100 journal articles, and two dozen articles in encyclopedias and companions. Dr. Grandin, a fellow of the American Society of Agricultural and Biological Engineers, is a prominent author and speaker on the topics of animal welfare and autism. She has built a successful career as a livestock-handling equipment designer and consultant in animal behavior to the livestock industry. The Libraries is currently working to archive as much of their research as allowed by copyright in the digital repository.

Electronic Theses and Dissertations (ETDs)

The repository contains 195 current and legacy theses and dissertations completed between 1921 and 2010. The collection is expected to grow markedly this spring, as students may now choose to submit either a print or electronic copy of their work before they graduate. Within a year or two, the Libraries will be accepting only electronic copies only save the handling and storage costs associated with paper copies.



Going Digital

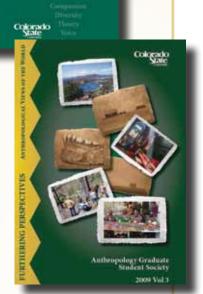
In 2009, the Libraries' staff and students created more than 39,000 digital images from multiple formats. These include more than 23.000 water-related digital images, more than 7,600 University Historic Photograph Collection digital images, and more than 2,500 Colorado Agriculture Bibliography-related digital images. Materials from Archives and Special Collections, University publications, and University theses and dissertations, were among the items digitized.



In Defense of Ecosystems

The industry fraging defined to the control of the



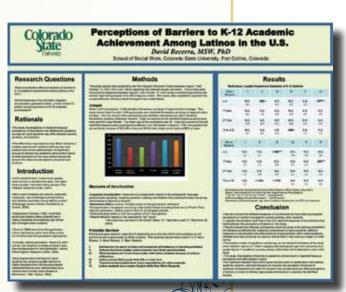


Water Resources Archive Collections

The Colorado State University Water Resources Archive, a joint effort of the University Libraries and the Colorado Water Institute, consists of collections of individuals and organizations that have been instrumental in the development of water resources in Colorado and the West. The repository contains a selection of the numerous item types found within these collections, including reports, meeting minutes, correspondence, maps, and photographs.

Journal of Student Affairs and Furthering Perspectives: Anthropological Views of the World

Current issues of these two journals, published by the Student Affairs in Higher Education Program and the Anthropology Graduate Student Society respectively, are now deposited in the the CSU Digital Repository and available free to readers worldwide. The Libraries digitized past issues of the *Journal* so that all could be archived in and accessed from one central place.



The Future

The repository benefits the University and those outside of the campus community also. Additionally, it provides:

- Increased visibility of Colorado State University (locally, nationally, and internationally).
- Enhanced access to rare or unique materials for all, including remote users.
- Expanded ability of government agencies (e.g., the National Institutes of Health) and other funding bodies to track and evaluate research outputs and increase their returns on investment.

The role of academic libraries is shifting from one of a body that takes information external to the institution and makes it available

internally to its members, to a body that disseminates information created by the institution to the world beyond. It is with gratitude that we recognize our "donors" to the CSU Digital Repository who realize its possibilities and wish to ensure the long-term preservation of vital academic results.



Avoid Paying Up to 65 Percent in Taxes

Did you know that retirement accounts are exposed to combined income and estate taxes that could be as high as 65 percent upon your death? Ouch! The good news is that many of these taxes can be avoided or reduced through a carefully planned charitable gift.

How Retirement Accounts Are Taxed

Qualified retirement plans receive favorable income tax treatment during your lifetime. No income tax is owed on the funds as they are contributed, and no income tax is owed on the earnings and appreciation while in the plan. You pay taxes on the funds only when you withdraw them. The balance left in your qualified retirement plan, however, is subject to estate taxes when you die and giving the account balance to individual heirs exposes them to income taxes on the funds. Your retirement dollars can be depleted by this double taxation.

Do More with Your Retirement Account

Other strategies come into play when deciding to use retirement plan assets for charitable giving. Upon death, your account can pass directly to Morgan Library as your primary beneficiary. Or, it can be used to pay an income to someone you name for his or her lifetime, after which the remaining assets pass to our organization.

Example: Mr. Smith is considering adding a charitable bequest to his will, with the residue of his estate passing to his children. If he decides instead to name Colorado State University's Morgan Library as beneficiary of his profit-sharing or retirement account, the death benefit passing to the Library will qualify for the estate tax charitable deduction, and it will also pass free of any income tax obligations. His children will benefit from this change because, rather than getting the profit-sharing or retirement account proceeds that are subject to income tax, they will receive other assets of his estate that are free of income taxes.

Ask Us for More Details

For more information, contact the Office of Gift Planning at Colorado State University:

Bill Sheets at (970) 491-4679, or bsheets@ua.colostate.edu or Marianne Blackwell at (970) 491-7862, or mblackwell@ua.colostate.edu.

You can also view additional resources on our website:

www.plannedgiving.colostate.edu.



3 Ways

To Donate Your
Retirement Account

- List us as beneficiary and have your spouse sign a written waiver, if necessary.
- Make us contingent beneficiary to your spouse.
- Want your children to benefit, too? Designate a specific amount for us with the remainder for your children.
- * The information in this publication is not intended as legal advice. For legal advice, please consult an attorney. Figures cited in examples are for hypothetical purposes only and are subject to change. References to estate and income tax include federal taxes only. Individual state taxes and/or state law may impact your results.



AMPAIGN GOALS

"Libraries store the energy that fuels the imagination. They open up windows to the world and inspire us to explore and achieve, and contribute to improving our quality of life. Libraries change lives for the better."

— Sidney Sheldon

THE CAMPAIGN FOR Colorado State University



Colorado State University students and faculty embody a spirit of service and a passion for innovation. As the state's land-grant University, we honor our history and responsibility to provide access to excellent public higher education.

The Campaign for Colorado State University represents a vote of confidence in everything we do, and in everything our University stands for. This \$500 million campaign increases financial support for students and faculty. It strengthens learning and research experiences. It improves and expands facilities for our growing campus community.

Every day, University Libraries takes pride in advancing the University's mission through inquiry, discovery, and resources that are open and accessible to the communities we serve. Your gifts help our dedicated staff bring students and scholars together with the resources they need in a new kind of learning environment.

The Libraries' goal as part of the Campaign for Colorado State University is \$4.9 million:

- \$1.5 million for the start of Morgan Redesign
- \$1.5 million for endowments
- \$1 million for collection enhancement
- \$500,000 for Archives and Special Collections
- \$400,000 for cultural programming, Electronic Resources Fund, and Morgan Support Fund

Our ambitious plan is to transform Morgan Library into an Information Commons. By redesigning the building with new spaces, new technologies, and new electronic resources, we will support the collaborative teaching and learning and 24/7 access that is essential to a 21st-century university. We will build the Library and College endowments to provide ongoing support for our collections, our building, and our technology.

This will not be cheap; but excellence in education at this level never is. With your commitment and your help we will get there. The campaign challenges all those who believe in CSU and its mission to help secure its future. Your gifts allow us to open doors, change lives, and transform our world.

NOTABLE **DEVELOPMENTS**

Water Tables 2010, in only its fifth year, has a record number of sponsors. The event benefits the Water Resources Archive and we gratefully acknowledge our sponsors:

Gold Sponsors \$3,000

CDM

Produced Water Development LLC Stewart Environmental Consultants Inc. Colorado Water Conservation Board

Silver Sponsors \$1000

AECOM

Applegate Group Inc. Aqua Engineering Inc. Aurora Water **Ayres Associates** Black and Veatch Brown and Caldwell



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Dr. and Mrs. Robert Ward White & Jankowski LLP

Bronze Sponsors \$500

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Yes, I want to support **Colorado State University Libraries!**

Enclosed is my/our check payable to the Colorado State University
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The Campaign for Colorado State University



Dear Dr. Book,

I am a photographer and author who uses a computer every day in my work. I want to save my approximately 10,000 digital photos and accompanying manuscripts, but I am not a "techie." What options are available to store my digital files?

— Artistic Author

RESERVATION ASK DR. BOOK

Dear Artistic Author,

Storage can be viewed as both access to data for the short term and preservation of data in the long term. Digital storage options vary by size, cost, and need. The largest storage systems are the servers used mainly by corporations, governments, and large institutions. Smaller storage options that you might consider are external hard drives, portable storage drives (i.e., flash or jump drives), disc storage, and online storage. External hard drives have a large storage capacity and are available at most computer stores, but can be costly. Portable storage drives vary in size for a reasonable cost and can be easily plugged into your personal computer. Storage on high-quality CDs or DVDs is a familiar option, but may be unwieldy with the amount of data that you already have. If you prefer not to handle the actual technical work, you can subscribe to a commercial digital storage service, but there are risks that a commercial firm won't remain in business indefinitely. Preferably you use one type of storage device for all data so that all operations are simplified.

Backup is a must. Best practices call for off-site storage in a safe and readily accessible environment. A second storage device is easy to transport and store at another location, whether it be the workplace, a relative's home, or a commercial site.

As you are aware, digital hardware, software, and systems change rapidly. No doubt you will change your own computer's operating system and word processing and photography software. Therefore as technologies develop, you also need to migrate your storage system from the current operation to new accepted formats/systems – probably multiple times into the future. All backups should be automatically included in this process.

For additional information on protective enclosures or general preservation, please contact "Dear Dr. Book" in care of *Stay Connected*, Colorado State University Libraries, Fort Collins, CO 80523-1019.



FAVORED COMPANIONS

Like other favored companions, great books are forever part of those who encounter them. In this column, we ask participants to name a book or books that have impacted their lives.

By Catherine Cole Janonis

I got my first library card at age four. To qualify, all you had to do was write your name. In the middle of my kindergarten year, my family moved to upstate New York where the local library, the Coburn Free, didn't allow children to have library cards until second grade.

My mother argued with the librarian, "Isn't it like a driver's license? Once you have one, you can get another?" but that tactic didn't work, and I had to wait like the other children. The library allowed only seven books to be checked out per card, which was hardly enough for a mother who read voraciously and her four children, necessitating weekly trips to the stone edifice.

The summer after fourth grade, I lived outside St. Louis and walked to the bookmobile, its motor idling, in a shopping center's parking lot. Few activities on humid afternoons were more pleasurable than stepping into that air-conditioned, book-lined space. Although the Coburn Free had been small, the bookmobile was cramped, with the children's books at nose level. All summer I read fairy tales, but once school started, I graduated to Anne Frank.

Back in upstate New York for sixth grade, I devoured books from my new elementary school library:

The Boxcar Children; the Edgar
Eager books, dealing with ordinary
children and magic, such as Half
Magic and Magic or Not; and
historical fiction such as The Witch
of Blackbird Pond, By the Great Horn
Spoon, and A Pirate's Promise. I read
my first "YA," and fell in love with
It's Like This, Cat.

Junior high brought another library full of books, and my interest in science fiction was born. If a book had been checked out by one of the Fisher brothers, it was bound to be a good read. Following the older boys' lead, I discovered stories with strong female lead characters such as *A Wrinkle in Time* and *Podkayne of Mars*.

When people ask what book made a difference in my life, I look at them blankly, especially if asked to write an essay on this topic. But on reflection, I can identify two books. Manchild in the Promised Land convinced me drug use was not a particularly good idea. A Tree Grows *in Brooklyn* put the notion into my head that you always remember your first love. This romantic idea has fueled much of my own writing. Now if only that theme would flower into an agented manuscript, I could say that last book had a profound influence on my life!



Catherine Cole Janonis probably would have been happier if she'd skipped the M.S. in Geriatric Nutrition from Colorado State and gone after an M.L.S. instead, as her favorite job was working in the children's department of the Fort Collins Public Library. Both she and her husband are fans of CSU volleyball and women's basketball. Back when the fans were more involved in the running of the women's basketball booster club, Catherine edited and wrote for the biweekly newsletter. Currently, she serves on the board of the Friends of the CSU Library and writes fiction in her spare time. The book she is holding in her picture is her tattered copy of *The Witch of Blackbird Pond*.



University Libraries

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STAY CONNECTED A newsletter for Library friends and supporters

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Colorado Agricultural Archive goes to the National Western Stock Show

JP Morgan Chase gave a generous donation to support the printing of booklets that were given to children visiting the Colorado State University booth at the National Western Stock Show 2010 in Denver. More than 10,000 booklets were distributed. These memory books included historic photos from the Colorado Agricultural Archive, games, puzzles, and space for children to record their thoughts and impressions about their Stock Show experiences.





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Interim Dean of University Libraries: Patrick J. Burns

Director of Development: Andrea Lapsley

Editor:

Andrea Lapsley **Beth Olherts**





