



COLORADO SCHOOL OF MINES

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Arthur Lakes Library

COLORADO SCHOOL OF MINES

Volume 6, Issue 2
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bold, engaging & new

Changes come to Mines website

by Cathy Van Tassel

In October 2008, the Colorado School of Mines launched its new external website: mines.edu. The new site highlights Mines' Energy, Earth & Environment focus areas

while putting forth a bold new web presence for the School. As our face to the world, it is critical that the Mines website draw visitors in, is easy to navigate, and successfully communicates who we are—those working on this project have created a compelling site that effectively tells Mines' story.

In the coming year, the web project will turn its focus to implementation of a content management system that will allow departments on campus to create their own web pages within a prescribed uniform style. Currently, a look at department websites across campus results in a wide variety of styles, content and navigation points. While each department will continue to need flexibility and variety in the content displayed, campus templates will ensure each department's site is graphically and navigationally seamless with the whole mines.edu website – the look and feel of each of the pages will be similar.

The Library staff have already begun planning for this transition and will spend time this summer working on content for our new site—we hope you'll find it even easier to use than our current site!



library.mines.edu

check it out

Check out the new Colorado School of Mines website at www.mines.edu.

And stay tuned this Fall for changes to the Library's website at:

<http://library.mines.edu>



COLORADO SCHOOL OF MINES

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For hours call us or visit our web site

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Government Publications: (303) 273-3695

Map Room: (303) 273-3697

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Wendy Shortridge (303) 273-3698

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Collection Development Librarian

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Head of Serials

Stephen Katz (303) 273-3024

Library Technician

Craig Robbins (303) 273-3692

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Systems Librarian

Laura Guy (303) 384-2355

We've Got Mail!

Our email addresses can be found at:
library.mines.edu

-> "Library Information" -> "Directory"

directory



Information Delivery Services

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Library Technician

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crown jewels from the archive

Geologic exploration of the 'Great Colorado of the West'

by Cathy Van Tassel

J.S. Newberry and J.N. Macomb

Report of the Exploring Expedition from Santa Fe, New Mexico to the junction of the Grand and Green Rivers of the Great Colorado of the West in 1859, under the command of Captain J.N. Macomb, Corps of Topographical Engineers

Washington D.C.: Government Printing Office, 1876.

Thanks to generous endowments for special collections, the Arthur Lakes Library is able to acquire materials which significantly add to our holdings in the Russell L. and Lyn Wood Mining History Archive.



In American history, Manifest Destiny is the doctrine based on the premise that God or Providence granted America the right to spread its governance across the continent. In the 1840s, political and cultural leaders used Manifest Destiny as a justification for America's expansion from the Atlantic Ocean to the Pacific Coast. Fueled by this doctrine of divinely ordained expansion, the annexation of the Republic of Texas (1845), the establishment of the Oregon Territory (1848) and the Mexican Cession (1848) increased America's territory to include all of what is now the continental United States. However, much of that territory remained unexplored by non-indigenous people and largely unmapped. In the mid to late 1800's, the United States government commissioned numerous expeditions to explore and map areas of the newly acquired western territories.

In 1859, geologist Dr. J.S. Newberry joined an expedition commanded by Captain J.N. Macomb to explore the territory from Santa Fe, NM to the confluence of the Green and Grand (Colorado) Rivers. Although the expedition ended in 1859, Newberry's report was not published until 1876 due to the outbreak of the American Civil War. As the first scientific

documentation of the land between Santa Fe and today's Canyonlands National Park, this report serves as the foundation of geological knowledge for the area.

While the first chapter of the report focuses on the geological features Newberry encountered on the trail between St. Louis, MO and Santa Fe, the remaining five chapters of Newberry's text detail the geological features encountered on their journey. Beginning in Santa Fe, the expedition headed northwest along the Rio Chama River, past its headwaters to modern-day Pagosa Springs, CO. From there the expedition turned west and traveled along the foothills of the San Juan Mountains across what Newberry and Macomb called the Sage-plain and the Valley of the Upper Colorado toward the Grand (Colorado) River. While specific and detailed, Newberry's report is not simply a listing of geologic features. At several places in the text, he includes narratives from his journal, which describe expedition camp locations, stream conditions, flora encountered, as well as evidence of previous inhabitants such as pottery fragments and ruins. Augmenting the report are beautiful illustrations of the landscapes travelled through as well as two sections of plates with descriptions and illustrations on fossils. F. B. Meek prepared the illustrations for the Cretaceous fossils section while Dr. Newberry prepared the illustrations for the Carboniferous and Triassic fossils section.

Considering the report and maps to be two of the archival treasures of the 19th century, the Government Printing Office digitized Newberry's report and Macomb's map and issued them in 2000 on CD-ROM as Open File Report #00-368. The Library is grateful to have an original copy of Newberry's report in the Russell L. and Lyn Wood Mining History Archive.



new titles in the archive

Beaton Institute of Cape Breton Studies, *Seven Miles Deep: Mining Faces from the Owen Fitzgerald Collection*, 2007.

Moynihan, Ruth B., Susan Armitage, & Christine Fischer Dichamp, eds., *So Much to Be Done: Women Settlers on the Mining & Ranching Frontier*, 1st edition, 1990

Smith, Dwight L., *John D. Young and the Colorado Gold Rush*, 1969

Tom Pool (EM '68), Chairman

By Kathi Conner

Tom Pool travels nationally and internationally, providing consultation for the uranium industry. He analyzes geographic areas and markets for development of new production facilities, evaluates the strategies for potential participants and assesses production costs for current and proposed projects. He provides preliminary and detailed feasibility studies for new project development and financing; valuation of uranium projects and deposits and offers professional technical and economic support for litigation. Tom's client list ranges from Canadian and Australian "juniors" to independent energy companies to multi-national trading companies.



Mardai Mongolia Airport
control tower



Russian Uranium Drill Rig

With a business profile like this, one could assume that Tom has a team of researchers and a corporate library at the ready to move projects from acceptance to completion; this assumption is wrong – and right. As the Principal analyst for International Nuclear, Inc. (iNi), Tom uses Arthur Lakes as his corporate library – a benefit of his CSMAA membership. In the Library, Tom has full access to more than 26,000 electronic journals and 600 print subscriptions. Another 130 online databases and borrowing agreements with other academic libraries in Colorado round out the research power at his finger tips.

Still, with the escalating costs of print and electronic journals, and the steady decline in state funding, the Library has had to make tough choices regarding scientific journals. When Platt's *Metals Week* subscription was about to be cancelled, Tom proposed a solution: he pledged to make annual gifts to the Library to maintain *Metals Week*. Tom's generosity has allowed the Library uninterrupted access to this important resource for researchers in oil & gas, electricity, petrochemicals, metals, nuclear materials, and coal. According to Tom, "It was an easy decision - I get a tax deduction, I have hard copy and electronic access without a storage issue, and it helps the Library – it's a win-win solution."

Tom Pool is an enthusiastic collector of historic Mining Stock Certificates. Attracted by the artistry and snapshot in time represented in the vignettes on certificates, Tom's collection focuses purely on the aesthetic value. This collection will be on exhibit on the 2nd floor of the Library through the month of May.



Generous Support Creates Special Collection

by Kathi Conner



The Society of Mining Law Antiquarians, in partnership with the Rocky Mountain Mineral Law Foundation, has established a new endowment at Colorado School of Mines with a \$25,000 contribution to

Arthur Lakes Library. The RMMLF matched the Society's initial \$12,500 gift, enabling Mines to build a robust mining and mineral law history collection that will be housed in the Russell L. and Lyn Wood Mining History Archive.



With strong ties to both organizations, Stan Dempsey spearheaded the effort to create this endowment, recognizing the unique opportunity to preserve materials critical to researchers in mining and mineral law. The Society of Mining Law Antiquarians/Rocky Mountain Mineral Law Foundation Endowment will support the collection of historical materials exploring the origins and evolution of mining and mineral law, particularly in the western United States. "This endowment opens new doors for the Wood Mining History Archive," says Library Director Joni Lerud-Heck. "Such a generous investment in the future of Arthur Lakes Library enables us to assemble a comprehensive collection of mining law materials that will serve as an important resource for the entire community."

Craig Carver, RMMLF president, said, "The Foundation is grateful that Mines has committed to preserving these original sources of Western history, and we know that many of our members – faculty and lawyers alike – will be among those who make good use of these invaluable materials. We look forward to an enduring collaboration with the SMLA and Colorado School of Mines, and appreciate the opportunity to assist the library."



L to R: Frank Erisman, Randy Parcel, and Molly Williams.

The Society of Mining Law Antiquarians is an organization of mining lawyers and historians that promotes the preservation of books and materials related to the history of mining law.

The RMMLF is a Colorado-based nonprofit educational organization that provides scholarly research on the laws and issues affecting domestic and international mineral and water resources.

Members of both organizations gathered in the Library to celebrate the creation of this endowment and to speak to the generosity of Russ and Lyn Wood, who conceived of an Archive to house historical materials such as these. Among the attendees were Mines alums Warren Andrews '63, Frank Erisman '65, and Roger Newell '71, David Phillips, Executive Director of RMMLF, and Stan Dempsey, founding president of SMLA.

John Lacy, the current president of SMLA was not available to attend this event, but said, "We are delighted to partner with the Rocky Mountain Mineral Law Foundation to contribute to Mines in this way, and glad to play a part in strengthening the School's mining law resources for the benefit of students, faculty, industry and the broader community."

You Too Can Make an Impact!

Contributions help make the Library a world-class source for information in the study of engineering and applied science related to the Earth, energy, materials and the environment.

- Donate today by using the enclosed envelope
- Donate mining papers, maps, letters, stock certificates and/or photographs
- Include the Arthur Lakes Library in your estate planning
- Make a gift to support a special project, collection or service
- Visit <http://www.mines.edu/library/giving/priorities.html>

Thanks to generous donors to the Library for the 21st Century fund our plan for creating flexible, collaborative workspaces is moving ahead; additional gifts will allow us to enhance and expand this concept into more areas of the Library.

Contact us to discuss how you can impact our Library's future...

Kathi Conner
(303) 273-3133
Kathi.Conner@is.mines.edu

fall and winter

Donations Oct '08 - Jan '09

INDIVIDUAL

Don Brandborg	Terry & Carol McNulty
Bill Caukin	Michael & Julie Midyett
Odin & Phyllis Christensen	Richard Nielsen
Kelly Coleman	Paul Peel*
Steve & Linda Daniel	Walter Powell
Hugh & Ann Evans	Hervey Priddy
Peter Han	Fred & Doris Schwartzberg
Gerald & Susan Hannes	Steve Schwochow
Rick Hildebrand	Kelly Sexsmith
Ed Hunter	Duane Smith
Todd Jones & E. Tracy Turner Jones	Charles & Marilyn Stark
Wayne Kemp	James & Barbara Wightman
Julie Kinder	Steve & Glenda Wolfe
Margaret King	Lyn Wood
Glenn Krum	Peter Young
Joanne C. Lerud-Heck	*appraised property
Rod McNeill	

CORPORATE / FOUNDATION

Anonymous
BP Foundation, Inc. <i>match for Hugh Evans</i>
Community Foundation Serving Boulder County <i>on behalf of the Tell Ertl Family Trust</i>
ConocoPhillips <i>match for Charles Stark</i>
Geocon, Inc. <i>on behalf of Richard Nielsen</i>
International Nuclear <i>on behalf of Tom Pool</i>
Tramway Engineering <i>on behalf of Chuck Peterson</i>

The collections of the Arthur Lakes Library are also enhanced by donations of library materials. For more information about donating materials, please contact Heather Whitehead 303.273.3540 or Kathi Conner 303.273.3133.

library.mines.edu/giving/priorities.html

get connected



Library Adds Springer E-Books

by Heather Whitehead

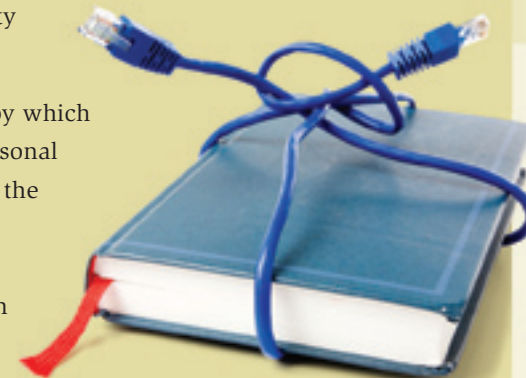
Springer, one of the world's largest publishers in science, technology and medicine (STM), has developed an electronic book package for libraries. In cooperation with Alliance member libraries, the Arthur Lakes Library has added web access to books in this package. The Library will add approximately 3,400 titles scheduled to be published in 2009, as well as roughly 12,000 titles that were published between 2005 and 2008. Titles will be added from a variety of Springer's 60 publishing houses, including Springer, Springer-Verlag, Humana Press, Birkhauser and Plenum. German-language titles and selected Reference series (e.g., Springer Protocols, Landolt-Bornstein, International Tables of Crystallography) are not included in this e-book package.

This Springer e-book package was appealing primarily because of the large amount of relevant sci-tech content, but also because of these advantages:

- we own these e-titles in perpetuity, with no additional fees
- more than one person at a time can use the same e-book
- e-books are always available, never checked out, lost, or in transit
- e-books in this package are accessible 24/7 from on campus or off campus using the CSM Virtual Private Network (VPN)
- e-book content may be searched on SpringerLINK, which includes content from our subscribed Springer journals
- e-books are a space-conscious solution for our collection
- cost per e-title is dramatically less expensive than the same title in print
- throughout 2009 we may track title access to guide future purchases

By mid-spring most of the 15,000+ catalog records will be available through Catalyst (catalyst.coalliance.org) or via SpringerLINK (www.springerlink.com/books) on campus or via the CSM VPN. All titles with a green icon are available to the CSM campus community in searchable full text.

Springer is beta-testing Springer MyCopy which may allow CSM users to purchase a personal print-on-demand copy of any e-book in the Library's subscription for a flat rate of \$24.95. Learn more about the MyCopy project at: www.springer.com -> search on MyCopy.



where are they now?

Catching up with former Library Student Assistants

by Kathi Conner



Rosa (Schnebly) Payne, MetE '98, worked in Reference, at the Circulation desk and in the Administrative office, from 1994 until she graduated in 1998. Cathy Van Tassel, Program Assistant recalls “Rosa helped train me to do my job – she was awesome!” Rosa is currently employed by Freeport-McMoRan Copper & Gold in Arizona, where she is the Chief Metallurgist for Leaching Technical Services. She keeps up with the Library through *Inside Arthur Lakes*.

Iain Hunt, Math/CompSci '04, worked in the Government Publications and Map areas throughout his academic career at Mines. Iain is on his second tour with the Peace Corps, serving in the Dominican Republic, working on clean water and environmental sanitation projects. Between Peace Corps stints Iain worked for Golder Associates in Lakewood, Colorado as a GIS Analyst. Iain began learning how to use GIS after a devastating tropical storm changed the focus of his first Peace Corps assignment. Of the Library, Iain says “I love libraries; working in the Library at Mines was really great—I still keep in touch with several staff”. Lisa Nickum commented, “...he is one of the most amazing people I have met in my life.” Keep up with Iain at: dominiciain.blogspot.com.



Jeff Ward, Electrical Eng '05, worked in the Library from 2000 to 2005; of that time he spent 3 years in Circulation, a year in Preservation and another year writing software programs for the Library.



Preservationist Margaret Katz shared, “I had dreamed of a computer program to streamline the Library’s bookbinding process, but none was commercially available...Jeff took up the charge. He wrote a program that not only eliminated hours of tedious labor, but was also highly admired by other academic libraries.” According to Jeff, “The best part about [working in] the library is the fantastic and friendly staff...[they were an] absolute pleasure to work with.” Today, Jeff works in Boulder with an Internet startup company that was recently acquired by The Walt Disney Company. He designs web applications for disney.com to inspire kids to see and use the computer as a creativity tool. Jeff married Jenny Schatzel (a former student assistant and CSM employee) in 2002. They have a two-year old daughter, Julia.

Jen Cho, ChemE '07, worked at the Circulation desk and as a Book & Brew barista for 4 years. From Wendy Shortridge’s perspective, Jen was “always on the go...from Senior Class president to library barista, she always served it up with a smile.” Jen said, “Working at the library was a big part of my college career. I met a lot of great people and always had time to get homework done!” She is currently working for Air Liquide, participating in the ALLEX program - a 2 year rotational program working within the different business units of the company.



Gifts to the Library in honor of the 2009 Senior Class Gift will be matched by President Scoggins, Mr. & Mrs. John Stermole and Dr. Bob Knecht. To make a donation online and triple your gift, go to giving.mines.edu/seniorgift.



Gordon Johnson

by Linda DeFord

If you've happened to venture downstairs from the bustle of the coffee cart and the computer lab, you'll find some of the Library's special collections where student Gordon Johnson is working tirelessly. Gordon has been working in the Government Publications section since the fall of 2006 and expanded his talents to the Map Room the following summer. He's recently added the Tell Ertl Oil Shale Repository to his organizing assignments. Gordon's database work has made Catalyst more useful, and he's sorted and shifted books as well as moved furniture, to tighten up the collections and make workspace roomier for students and staff. The result has been to make library materials more visible and accessible to all.

Gordon says he enjoys behind-the-scenes work that facilitates the quests of library users. He shines at working independently and has a keen eye for detecting issues in need of technical resolution. He easily grasps the Big Picture and provides ideas to reach project goals at warp speed.

Gordon is a senior planning to graduate in May of 2010, majoring in Geophysical Engineering with a minor in Economics. His area of special interest is Space. He takes time occasionally to peruse the historical mining documents and NASA photographs housed on the Government Publications shelves. Books have long been an enjoyable part of his life, as his mother

is a librarian, and libraries have benefitted from his skills since he was about 8 years old when he began helping his mom in the Colorado Talking Book Library.

On campus, Gordon participates in SSG, the Student Society of Geophysicists. Outside of the Library, he works at yet another job conducting casino parties. He follows all sports and keeps up with sports statistics. He also enjoys computer games and building model planes, ships, cars and 3-D puzzles. Although there may be a limitation on his time to engage in all these activities, Gordon never seems to run out of energy.

Beyond graduation, Gordon looks to a possible career with NASA. He sees the potential of space travel, which may include a commercial base on the Moon and further exploration of Mars. Wherever the future may lead him, there will be no stopping Gordon on his path among the stars.



about Tell Ertl

The Tell Ertl Oil Shale Repository was established in 1989 with a grant from the Tell Ertl Family Trust and has grown to include over 66,000 documents – some dating back to 1885. The Repository consists of 23 discrete collections. The Repository is supported entirely through private gifts.



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Valid through May 2009.



Located in the entrance of the Arthur Lakes Library.



Thanks to the generosity of our in-kind donors, our Annual Book Sale and

Silent Auction this year was a great success.

MORGAN



Arthur
Lakes
Library

COLORADO SCHOOL OF MINES
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responsibility

In keeping with environmentally friendly practices, this newsletter was printed on 100% recycled paper using vegetable-based inks. The size and mailing method were chosen to minimize waste. Using recycled fiber takes about 1.4 tons out of the land fill to produce 1.0 tons of recycled fiber. In addition less water, fewer chemicals and less energy are required.

Please Recycle. Preserving the delicate balance of our ecology requires a commitment from all of us. Recycling is an effective way to conserve our resources and protect our environment.

Design by Medulla, a graphic design studio dedicated to providing quality services. From creative direction to artful execution, we take each project to the next level through thoughtful and completely authentic solutions. <www.medullastudio.com>

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