

STAY CONNECTED

Issue 31 – Fall 2019

A Newsletter for Library Friends and Supporters

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Fall hours for the Morgan Library:

Monday-Thursday	7 a.mmidnight
Friday	7 a.m10 p.m.
Saturday	9 a.m10 p.m.
Sunday	noon-midnight

The Cube is open 24/7 with a student ID.

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FROM THE DEAN

"FARE THEE WELL FOR I MUST LEAVE THEE, DO NOT LET THIS PARTING GRIEVE THEE ..."

Dr. Patrick Burns



We used to sing this accompanied by a banjo back in the days we had gatherings as the solar energy research group in mechanical engineering. This title reflects that I have announced I am stepping down from my position at the end of September, so this likely is the last Stay Connected message that is my pleasure to compose. I have decided to use this space to reflect on my 40-plus years at Colorado State University and the relationships I have developed that I treasure.

When I graduated from the University of California at Berkeley, I interviewed at seven institutions, and I was fortunate to receive six job offers. I decided to come to CSU because it had a wonderful faculty, a strong and balanced focus on research and teaching, and of course, the location. Fred Smith, the department head at the time, hired me into the mechanical engineering department and supported me in so many ways for the first decade of my career. The mechanical engineering faculty were a very highly functioning group whom I admired greatly and grew to love. It is a great pity that during my last two decades, an excessive workload has caused me to lose touch with the new, excellent faculty in that department.

During my first 10 years, I taught and conducted research, mostly in the area of solar energy (we had one of the top three programs in the world) under my mentor Byron Winn. At that time, we were certain we would have problems with global warming due to fossil fuels, and that was almost 40 years ago! I fondly recall those days with my exceptionally smart and capable colleagues in the solar energy area, and I salute them all.

During my second 10 years, I served half time under Vice President for Research and IT Jud Harper as the coordinator of supercomputing. I had responsibility for CSU's Cyber 205 supercomputer, while still in the mechanical engineering department. It was during this time that I served as the principal investigator for the Westnet Networking grant from the National Science Foundation; that got networking started and thriving in Colorado and five surrounding states. It was this activity that caused me to become enamored with technology.

At the beginning of my third decade at CSU, I transitioned into the department of Academic Computing and Networking Services as the director. Much of our attention focused on building and enhancing CSU's Local Area Network (wiring almost 200 buildings for networking). Wide Area Networking was also developing well in Colorado under a consortial approach. During this time, I got promoted to vice president and assumed responsibility also for administrative computing. I remember fondly our first major IT administrative system implementation, Banner, that went live in Fall 2007.

At the beginning of my fourth decade, Tony Frank asked me to "wear a second hat" as the dean of CSU Libraries, under the theory that information was strongly trending to digital, allowing us to take advantage of synergies between

IT and libraries. In short order, I became very impressed with librarians for their extremely high intelligence, their diligence as information scientists, and their incredible service orientation.

IT HAS INDEED BEEN A DISTINCT HONOR AND A PRIVILEGE TO SERVE **CSU** FOR MORE THAN FOUR DECADES.

But, it is time now for me to step down and allow a new person the opportunities I have had. It has indeed been a distinct honor and a privilege to serve CSU for more than four decades, in very different, exciting capacities. I have worked with numerous exceptional CSU staff, who have demonstrated incredible commitment to CSU and what it means to be a CSU Ram. As Tony is wont to say, "Rams take care of Rams."

I am so very grateful to the people with whom I have worked and interacted at CSU, whom I shall miss dearly, and for which I am so exceedingly blessed. Thank you all so very, very much.

Patrial. Burns

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

STAFF PROFILE & ACCOMPLISHMENTS

CSU DEAN OF LIBRARIES TURNS TO A NEW CHAPTER AFTER 41 YEARS

Laura Studley

For Patrick Burns, dean of Libraries and vice president for information technology, Colorado State University has been a place of learning, opportunity, and success. When he first began his academic career in the late 1970s, he wanted to find a university that placed an importance on both teaching and research and eventually decided on CSU.

Burns has committed his research and teaching career to mechanical engineering. He graduated from Tulane University in 1974 with a bachelor's degree in mechanical engineering and obtained his master's and Ph.D. from the University of California, Berkeley, in the same field.

"I always knew I wanted to teach,"
Burns said. "After I was at Tulane and had
a couple summer internships, I wanted
something bigger and better than just
being your regular engineer. I knew I
wanted to teach."

Burns was also the primary investigator writing funding proposals for Westnet, a regional network for Colorado, New Mexico, Wyoming, Idaho, Utah, and Arizona. Westnet was one of several centers connecting various geographical regions for the National Science Foundation Network. His work with NSFNET changed his perspective of the Internet and started Burns' involvement with information technology.



Pat Burns stands with then-Gov. John Hickenlooper at the Author Series.



Pat Burns hosts the Association of Research Libraries Leadership Fellows in 2016.

In 2006, a task force was put together to anticipate what the library would look like in 2020. The task force concluded that the library was going to be largely digital by that time. As vice president for IT, Burns was appointed to the position of the dean of libraries, beginning his important task of bringing the Morgan Library into the digital age.

"The digitization [of library resources] opens up quicker access to books and information," said Lou Swanson, vice president for engagement.

The Morgan Library spends \$8 million on collections a year, allowing students and faculty access to a multitude of online journals and resources. Burns explains one of his main jobs as dean is to make sure the budget is spent on the right resources for the library.

"[Burns] has the absolutely best credentials for the 21st-century library," said Jud Harper, former vice president for research. "He has taken [digitization] and moved it on and so we are, I think, a really good example of a digital-age university with a digital library, and Pat was very instrumental to that. Pat's the kind of person who can bring people from different backgrounds, different perspectives, and so on, together and to work together to get a job done. I think he's an unsung hero here at CSU; he deserves more credit and publicity than he gets."

In making the Morgan Library technologically accessible for students, faculty, and staff, Burns has also made it a resource to learn, grow, and excel.

"I think [Burns] has, in many ways, brought CSU's IT environment into the modern world," said CSU Provost and Executive Vice President Rick Miranda.

Through Burns' guidance, CSU has been able to offer a robust, effective 21st-century education, according to Gwen Gorzelsky executive director of The Institute for Learning and Teaching.

continued on Page 6



STAFF PROFILE & ACCOMPLISHMENTS

PROFESSOR ALLISON LEVEL RECEIVES AWARD FOR EXCELLENCE

Lori Olina

Colorado State University Libraries Professor Allison Level has been selected as the recipient of the 2019 CSU Libraries Faculty Award for Excellence. This award recognizes a member of the Libraries faculty for outstanding contributions to the Libraries, to the University, and/or to the library profession in one or more of the following areas: the practice of librarianship, scholarly research and creative activity, or service.

A faculty member with the CSU Libraries since 2000, Level is currently the coordinator for collections. She also served as a liaison to the College of Agricultural Sciences and the Warner College of Natural Resources for many years.

Level has been a strong leader in the area of collection development, collaborating with library and campus faculty, and working with CSU consortial partners of the Colorado Alliance of Research Libraries and the Greater Western Library Alliance. In addition, she has served on many committees and working groups over the past

19 years to improve services to library users.

With an exemplary record of scholarly research at CSU, Level has published more than 25 articles, book chapters, and many other non-refereed publications; has been the principal investigator for more than \$67,000 of externally funded grants; and has contributed to an additional \$120,000 of externally funded grants. She has presented papers at more than 30 conferences and workshops and has served as a founding member

and on review boards of several prominent peer-reviewed journals in librarianship and agricultural sciences.

Level has also been generous with her time in providing mentorship to many new librarians, both at CSU and on a national level, ensuring that the next generation of library professionals is well positioned to provide excellent service.



Professor Level's many achievements demonstrate her commitment to improving library resources and services at CSU, as well as providing a strong foundation for the future of the library profession at a national level. The CSU Libraries is proud to honor her with this year's Libraries Faculty Award for Excellence in recognition of her many contributions.

continued from Page 4 – CSU Dean of Libraries



"We are integrating educational technology with instructional design and active learning in the classroom in ways that are fairly distinctive," Gorzelsky said. "We are able to do that to a great degree because

of Pat's support and leadership. Pat looks at where we need to go, and he sees that sometimes other institutions got there because they had a lot of resources; he looks at our available resources and brings people together and says, 'How can we do this with what we have?' And then we do it with what we have."

The legacy Burns has left on CSU's campus has been nothing short of impressive. From networking, IT, his work in the Morgan Library, and his career teaching, he has given his time and effort to Colorado State for more than four decades. "I would like to be remembered as somebody with lots of intellectual curiosity and somebody

who was dedicated to CSU," Burns said. "I wanted to do both good and well, and I hope I've left that legacy here."

Although Burns is stepping down from his position on campus, he accepted a new role at the Colorado State University System in Denver.

"My wife likes to say that I've failed retirement," said Burns, who will start his new half-time job in October.

As the System-level chief information officer, he will coordinate and oversee the IT environment across CSU's three campuses - CSU-Global, CSU-Pueblo and the main campus in Fort Collins.

TECHNOLOGY

MORGAN LIBRARY COLLABORATES WITH TECHNOLOGY TITANS

David Ramsav



Industrial Advisory Council at CSU's Canvas Stadium

We are living in a rapidly evolving technology world. The Colorado State University Morgan Library knows that you must keep pace to maintain relevance in research and education. When you feel you are keeping up with the technology curve, that's when a new wave may surpass you.

A better way to stay up with technology is to run with the leaders of the industry: Technology Titans. That is exactly what the Morgan Library is doing as part of the University's ISTeC Industrial Advisory Council.

ISTeC – the Information Science and Technology Center – is a Universitywide organization for promoting, facilitating, and enhancing CSU's research, education, and outreach activities pertaining to the design and innovative application of

computer, communication, and information systems.

The IAC is composed of representatives of companies located in Colorado that have an interest in information science and technology. The IAC was formed so that ISTeC can build and maintain strong interactions with Colorado information systems and technology industries.

Fort Collins is surrounded by industry-leading firms such as Google, Intel, HP-E, HP-I, Broadcom, NVIDIA, Microsoft, and SketchUp, along with companies that use technology to keep pace in their industries, including Lockheed Martin, Woodward, Esri, CableLabs, and Travelport, to name a few.

The value for both CSU and the IAC members is to collaborate on technology and network to:

- **Explore** relevant technology topics
- Influence the development and direction of information science technology at CSU
- · Gain access to students who are potential interns and future employees The Morgan Library teams up with

CSU's colleges and departments to create cross-University representation on the ISTeC IAC to bring additional talents to this table of Technology Titans.

RELEVANT TOPICS

In August 2018, the IAC met at CSU's Canvas Stadium to reconstitute the group and focus on a few relevant topics: The Internet of Things, virtual and augmented reality, artificial intelligence, and deep learning. The IAC was also treated to a go-behind-the-game tour, to see how the CSU Rams use the latest technology in the new stadium.

The Morgan Library has also hosted two other IAC meetings, doing deeper dives on these four technology topics, in addition to blockchain, with industry members bringing their subject matter experts to add to the discussion. In the April meetings, we conducted 10-minute RamTalks by 25 presenters, creating a full-day exploration of leading-edge technologies.

An additional benefit is that the IAC has become a gateway for industries to partner on recruiting CSU students and working on research together. It is amazing what happens when people come together to run the technology race together.



DVIDIA



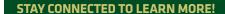












For more information on the Industrial Advisory Council, visit: istec.colostate.edu/committees/ industrial/

AN EVENING WITH AN AUTHOR SERIES WRAPS UP A REMARKABLE SPRING

Bruce Hallmark



Scott Pelley of the CBS Evening News and 60 Minutes

During spring semester 2019, the Author Series put forth one of the most diverse slates of speakers in its 16-year history.

Lisa See kicked things off in March with her novel about friendship and adversity in Korea during World War II in *The Island of* Sea Women. The following week, Nancy Geise's presentation of Auschwitz #34207 was made incredibly special when the subject of her book, Joel Rubinstien, and his wife, Irene, made a quest appearance.

In April, Jonathan Thompson (sponsored by our Water Resources Archive) shared his account of the 2015 Gold King Mine disaster that polluted the Animas River in River of Lost Souls.

May finished strong with Jamie Metzl pulling back the curtain on the future of genetic engineering in Hacking Darwin, and later that month, Scott Pelley shared riveting stories from his acclaimed career as a journalist in Truth Worth Telling.

The Author Series has become a jewel of the Northern Colorado community. If you enjoy stimulating conversations with fascinating authors, we invite you to support this popular program by becoming a Friend of Morgan Library. See you this fall!



Holocaust survivor, Joel Rubinstein, and his wife, Irene, stand with author Nancy Geise, who wrote his life story.



Jonathan Thompson



Jamie Metzl

If you have questions about giving, visit the website at lib.colostate.edu/ about/giving. For more information about the Author Series, visit: lib.colostate.edu/author-series

ARCHIVES & SPECIAL COLLECTIONS

CSU MORGAN LIBRARY JOINS THE DIGITAL PUBLIC LIBRARY OF AMERICA

Mark Shelstad

Nearly 39,000 records representing photographs, maps, text, oral histories, personal letters, and other historical resources from the Morgan Library are now discoverable in the Digital Public Library of America.

DPLA is a nationwide digital library that provides a free single point of access to digital materials from thousands of public and university libraries and state and regional digital libraries, as well as national organizations, such as the Smithsonian and the National Archives. Being part of DPLA gives Morgan Library national exposure and enhances its reputation as a provider of unique digital collections that are openly available to all. Students, researchers, and scholars will be able to find these unique items alongside millions of resources.

Morgan Library's institutional repository, Mountain Scholar, made the records available in January, and new materials will be added to DPLA four times per year. Several departments within the Library spent more than a year planning, selecting content, and addressing technical requirements to add the initial records.

The collections shared by Morgan Library represent stories that are unique to CSU and Colorado and part of our shared national story. For example, materials related to the part CSU played in the establishment of the Peace Corps illustrate the University's long association with this volunteer organization for Americans to serve their country and their world.

Pauline Birky-Kreutzer, a research associate with the CSU Research Founda-



tion, was part of the staff that conducted a congressional feasibility study on a youth corps training program in the early 1960s. In a 1961 Pakistan training report, Birky-Kreutzer identified that Corps volunteers would be working in animal husbandry, engineering, health, agricultural extension, and teaching in women's colleges. Her collection, which is now part of the DPLA, also includes images, such as photos of volunteers taking the blood pressure of a patient in a clinic, conducting chemistry experiments with Pakistani

students, and construction projects.

For the Morgan Library, sharing resources with DPLA is an opportunity to spread awareness of its digital collections and expand the potential audience of scholars, students, and other users who could benefit from them. The Library also looks forward to continuing to develop CSU and Colorado's contributions to this culturally and historically significant collection of resources.

Browse other collections from CSU at mountainscholar.org.

STAY CONNECTED TO LEARN MORE!

Archives & Special Collections lib.colostate.edu/find/archives-special-collections

If you have questions about the Digital Public Library of America, contact Mark Shelstad at: Mark.Shelstad@colostate.edu

A HAVEN FOR STUDENTS: THE VOSS VETERINARY TEACHING HOSPITAL LIBRARY

Jenna Allen



Tucked away in a large room on the second floor of Colorado State University's James L. Voss Veterinary Teaching Hospital, a group of students chats animatedly, notebooks strewn across the table. Another student lounges in a chair nearby, reading quietly, while others are tapping away at the public computers. It's lunchtime at the Voss VTH Library.

Library manager Sadie Skeels and technician Sheri McCaskill have been working to make this lunchtime scene ordinary. They've been carefully cultivating the library to make it a welcoming and reliable space for stressed-out students.

In addition to managing the library, Skeels serves as the liaison librarian for the College of Veterinary Medicine and Biomedical Sciences. Liaison librarians provide research consultations, support student instruction, and collect information resources for the CSU Libraries' collection.

Skeels was inspired to pursue a career related to veterinary medicine after working at a small-animal clinic. But what career would be right for her? Skeels launched a comprehensive research project to find the answer. She reviewed the literature, crunched the numbers, interviewed primary sources, and concluded that she'd be a veterinary librarian. Three years later, she arrived at CSU to one at the teaching hospital. "Our job is lead the Voss VTH Library.

"I didn't think it would actually happen. It's statistically improbable. I'm still pretty gob-smacked," she laughed.

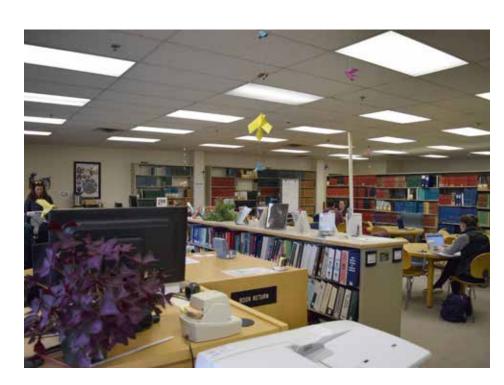
The Voss VTH Library is located on CSU's South Campus, but Skeels is a frequent visitor to Morgan Library. She spends time on the Main Campus to reach first- and second-year students who don't go to the teaching hospital until their third year for clinical work.

"The students are really engaged and very thankful," she said.

Students' information needs are always on her mind. The VTH collection focuses on clinical, medical, and veterinary materials, emphasizing e-books to ensure information is up to date - critical for everyto make their jobs easier and better with information." Skeels said.

While textbooks and journals are the most important, there's a growing set of books to support emotional and mental health needs of clinicians, such as veterinarian-themed fiction and self-help books. The new tea station in the library also plays a major role in mental health support. A student recently told Skeels, "I was really sick last week, and the tea station made everything suck less."

As Skeels surveys the students in the library at lunchtime, she looks pleased, because that's exactly what she's been working for. "I want the library to be a used place, where students can study, relax, do homework, and just be."



STAY CONNECTED TO LEARN MORE!

Learn more about the James L. Voss Veterinary Teaching Hospital at: lib.colostate.edu/about/veterinary-teaching-hospital-library

IN MEMORIAM

REMEMBERING ANN LIGGETT

Michael Liggett, Sarah Liggett and Morgan Liggett

On Dec. 31, 2018, Ann Liggett, alumna and longtime donor and friend of Morgan Library, passed away at the age of 75. An energetic and loving wife, mother, grandmother, sister, teacher, and friend, she will be greatly missed by many. Ann is survived by her husband, Mike, of Fort Collins, children Sarah and Morgan, and two grandchildren.

Ann was born Oct. 6, 1943, in Henderson, Nevada, but growing up lived in



Chicago, Korea, Japan, and Omaha, eventually putting down roots in Colorado Springs in 1958. Ann and Mike were married Aug. 28, 1973. During their

45 years together, they raised two marvelous children and engaged the world with energy, curiosity, and generosity.

Ann had a bachelor's degree in English from Colorado State University, a master's degree in literacy education, and a passion for teaching children to read. She maintained a firm belief that public education was the key to a free and civilized society, and that in order to be educated, one needed to read. Ann spent her career engaged in that endeavor and her personal time voraciously reading all manner of print.

How she spent her days is clearly how she lived her life. Ann found joy and satisfaction in nurturing family, curiosity, experiencing the world. learning, and her





friends. She was not interested in the accumulation of possessions, status, or treasure. Ann much preferred to measure her happiness by what she gave as opposed to what she received.

Ann was generous, thoughtful, and dedicated to living her life as a curious and loving human being. Her presumptive answer to any question that involved engagement with the world was "yes."

We are greatly saddened by her loss and will keep her in our thoughts and hearts.



DECEMBER 13, 2018

SO IT HAS BEEN 45 YEARS

TOGETHER

SEEMS RATHER A LONG TIME

IF ONE WERE TO MEASURE

EVEN IF SUCH A PROCESS COULD

DETECT CALAMITY AND PLEASURE

A DEVOTIONOMETER IF THERE

WERE SUCH A DEVICE

TO COUNT, WEIGH, LIST AND

ENUMERATE HOW | FEEL ABOUT HER

PAYING ATTENTION AND

ACCOUNT EBBS

AND FLOWS

CHEERS FOR THE GLAMOR

AND WHOAS

FOR MISFORTUNE

THE DEPTH OF AFFECTION IS BEST

REVEALED BY INTROSPECTION

DURING DIFFICULT TIMES

THE TIMBRE AND STRENGTH OF

TWO TOGETHER IS SHARED

IN ONE ANOTHER'S REFLECTION

-MIKE LIGGETT

Photos: Provided by the Liggett Family

Donors & Fundraising

A GENERATION OF SERVICE AND GIVING

Bruce Hallmark and Alexandra Pool



Dean of University Libraries Patrick Burns and his wife, Dr. Marcia Burns, have made hundreds of gifts to Colorado State University during the past 40 years. With their largest gift to date, they recently named a room in Morgan Library to celebrate an impressive career and a legacy of service

With the naming, the Burnses join the Morgan Society, one of CSU's most esteemed philanthropic groups of donors to the University whose lifetime giving totals \$100,000 or more. Membership in the society – named for former CSU President William E. Morgan, the namesake of the Library – is a fitting recognition for the longtime generosity of one of CSU's most stalwart couples.

In the mid-1980s, Marcia Burns began giving back to the University before she had even completed her master's and

doctoral degrees, by contributing to the campus radio station and scholarships in the College of Applied Human Sciences (now the College of Health and Human Sciences), where she taught speech communications. According to Marcia, giving has always been a part of her approach to finances: "My philosophy has always been save 10%, give 10%, and spend the rest." After she married Patrick and became (in her husband's words) "the family's CFO," her philosophy set the tone for their philanthropy. The Burnses began giving annually, especially to local causes, where their gifts make a positive impact on the community. They give, Marcia says, "because you get back much more."

Nearly 40 years after those first gifts to CSU, the Burnses have contributed to initiatives across campus, at all levels,

driven by their belief that education is the best solution to the world's problems. In particular, says Dean Burns, "Libraries, and the information literacy they can provide, are essential to our society."

In addition to the University Libraries, the Burnses' gifts have benefited half the colleges at CSU and initiatives in student affairs, athletics, and more. As they have discovered their passion projects on campus, their donations have grown from \$25 at a time to a few hundred dollars, to this year's capstone gift that established an endowment to support the library's popular An Evening with ... Author Series and to name the conference room in the administrative suite, soon to be christened "The Burns Family Conference Room."

"I believe in the library and love the authors program," said Dean Burns, who, along with his wife, will continue to be a member of the Friends of Morgan Library Board, which oversees the Author Series.

"I BELIEVE IN THE LIBRARY AND LOVE THE **AUTHORS PROGRAM.**"

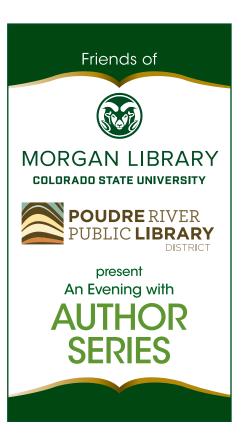
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The Burns Family Endowment the future of the series that partners with the Poudre River Public Library District to bring literary luminaries to Fort Collins for the benefit of the entire Northern Colorado community.

established by this gift will help ensure

STAY CONNECTED TO LEARN MORE ABOUT

How to support the Morgan Library: lib.colostate.edu/develop



Reflecting on his service to CSU, Dean Burns says he sought simply "to do good, to do well, and to invest in the institution."

As for the conference room, "it's the nerve center of the library," says Dean Burns. As dean of Libraries for 11 years, he said, "I've spent a lot of time in that room making a lot of important decisions. That's why I wanted to leave a legacy there."

GREAT DONORS

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YES, I WANT TO SUPPORT MORGAN LIBRARY!

□ \$50 □ \$100 □ \$500 □ \$1,870* □ Other: \$						
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Library Collection Enhancement (58513)						
Archives & Special Collections (58213)						
☐ Morgan & University Libraries Endowment (45115)						
Other:						
* This amount qualifies you for inclusion in the 1870 Club, which provides recognition and special events for donors who give \$1,870 or more during the calendar year.						
THIS GIFT IS FROM ☐ Me ☐ My spouse & me ☐ My partner & me						
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Spouse's/Partner's Full Name:						
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City, State, ZIP:						
Home Phone:						
Email:						
PAYMENT METHOD						
☐ Enclosed is my/our check, payable to Colorado State University Foundation						
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Name on Card:						
Card Number:						
Expires: / Card Security Code:						
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PLEASE RETURN THIS FORM WITH YOUR GIFT TO: Colorado State University Foundation, P.O. Box 1870, Fort Collins, CO 80522-1870						
Office of Development: Bruce Hallmark (970) 491-2893 or bruce.hallmark@colostate.edu						

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A portion of your contribution may be tax-deductible. Please consult your tax adviser.

Sustainability

HERE COMES THE SUN

David Ramsay and Stacey Baumgarn



In 2010, electrochromic glass, commonly referred to as smart glass, was installed in the Study Cube as a part of CSU's sustainability efforts.

The Morgan Library is a large and dynamic building, one of the busiest on the Colorado State University campus, used for many different purposes by students, faculty, staff, and the general public. Many spaces in the Library are filled with natural light throughout the day - providing an academic environment in which students can thrive. Sunshine is a good friend of the Morgan Library.

Solar panels: Not many people would know the Morgan Library has a small solar array on the roof of the Study Cube. The 4.3 kW solar array includes 18 panels and generates 5,900 kWh of electricity per year (more than half what an average household uses annually). This array was installed in April 2012.

Electrochromic glass: Electrochromic glass, also known as "smart glass," was installed on the west side of the Study Cube when it was built in 2010. These windowpanes darken when the sun hits the sensors, helping to keep the Study Cube cool while maintaining a naturally lit and comfortable study environment. (The southern glass exposure of the Study Cube is protected by the main library building.)

West windows: The newest approach to better manage natural light in the Morgan Library will involve an innovative approach to controlling sunlight entering the building.

The west side of the Morgan Library main building is covered with three stories of windows – providing great views and

inviting the natural light in, but sometimes not in the best way. Currently, the afternoon sun creates glare throughout the largest computer lab on the CSU campus and often adds unwanted heat to the building. Controlling all of the existing multiple-story black-mesh blinds manually is a constant and large task. Often, when the blinds are closed to better serve the building, students want them open to experience the view of the mountains. And when the blinds are closed, there is a greater demand for more artificial light, but retrofitting the entire three stories of windows with electrochromic glass would be cost prohibitive.

As many of the existing blinds are in need of repair, the Library reached out to the Colorado company, Hunter Douglas, to partner on a solution that invites the indirect morning sunlight in, creating a pleasant study environment and allowing for the mountain views, but limits the direct afternoon light that creates unwanted glare and too much heat when the sun is in the west.

The new Hunter Douglas blinds will be open in the morning and then, in the afternoon, small motors inside each of the roller blind tubes will automatically lower them until an hour after sunset when they will roll back up for the next morning.

Hunter Douglas is working on a white paper about this project with the CSU Morgan Library to highlight the better use of natural light to: reduce overhead lighting requirements in the morning, provide students a great study environment, and create an even greater inspiration through views of the foothills of the Rocky Mountains.

STAY CONNECTED TO LEARN MORE!

If you have questions about the sustainability efforts at CSU, contact David Ramsay at: David.Ramsay@colostate.edu

Services

MAKING EXAMS PAW-SIBLE

Laura Studley

Since 2016, the Human-Animal Bond in Colorado has brought furry friends to Colorado State University to improve the quality of life through animal companionship.

To decompress during midterms and finals week, students can play with dogs brought to the Morgan Library Event Center by HABIC. This past academic year, dogs of all shapes and sizes - plus one cat - visited CSU for the event.

The stress of exams can negatively influence both the physical and mental health of students, according to the CSU Health and Medical Center, which estimates about 80 percent of college students report being overwhelmed by all they have to do. Studies around pets and

mental health show that petting and playing with animals reduces stress-related hormones. Playing with dogs and other animals can elevate levels of serotonin and dopamine - two hormones that help individuals relax and feel calmer.

The De-Stress with Dogs event happens four times during the academic year and is very popular among students. "I had always felt immediately uplifted," said Ellie Beniston, a graduate student at CSU, who has attended in the past.

HABIC works to provide services for students, faculty, staff, and community members. The program, which is a part of the School of Social Work in the College of Health and Human Sciences at CSU, also sponsors animal therapy programs, education, and research to explore and advance the benefits of the human-animal bond.



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