Rivera honored as CU Advocate of the Year[1]

Alvin Rivera received the first CU Advocate of the Year Award from CU President Bruce Benson.

The CU Advocates[3] program honored Alvin Rivera as its first Advocate of the Year at an Oct. 10 reception at the Denver Country Club.

The event, attended by about 100, marked the second anniversary of the launch of CU Advocates, a network of people engaged in grass-roots support of the university.

Rivera received the award from CU President Bruce D. Benson, who hosted the event with his wife, Marcy.

Benson recognized Rivera for the “enthusiasm, passion and action” he brings to his role as a CU Advocate. He noted that Rivera has worked with CU’s Government Relations team to build support from elected officials on bills important to CU. Rivera co-chaired two events in Pueblo, where he lives, welcoming incoming CU students, and another event focusing on prospective students, including those in CU’s pre-collegiate program.

Rivera told of how his admission to and graduation from CU-Boulder represented “a dream come true,” and that he credits much of his life’s achievements to the work he undertook while earning his doctorate.

CU Board of Regents Chair Michael Carrigan and Rivera.

Rivera’s career has included serving in administration at the University of Denver and the University of Texas-El Paso. He contributed to numerous civic and governmental entities and served in education capacities for Presidents Clinton and Carter.

“The higher education I received at CU led me to a better quality of life with societal benefits we tend to overlook, and it has enabled me to impart my knowledge to improve our community,” he said.

“If we can all mobilize to strongly advocate for higher financial support of our higher education system, our voice could have an impact.”

Benson said the CU Advocates program now counts 2,300 members, with 1,800 in Colorado and the rest around the world.

He praised Advocates for the many ways they have acted on CU’s behalf, such as contacting elected officials, attending informational programs and contributing opinion writing to newspapers and other media.

Rivera and CU Advocates member Sam Zakhem.

“CU Advocates is an important part of the CU reputation puzzle,” Benson said. “We need Coloradans in their communities, in businesses and even around the dinner table, to talk about the great work CU is doing to influence education, research and service. It is these types of stories that help define the value of CU with the public.”

Joining members of the Advocates program at the event were CU Regents Steve Bosley, Kyle Hybl and Sue Sharkey, and Board Chair Michael Carrigan, who thanked advocates for their work on behalf of the university.

Also attending were state Rep. Joe Salazar, a CU-Boulder alumnus and CU Pre-Collegiate graduate, who presented Rivera with a certificate of appreciation; state Sen. Gail Schwartz, also a CU Regent Emerita; and Regents Emeriti Pat Hayes, Jerry Rutledge and Paul Schauer.

- Photos: Jay Dedrick/University of Colorado

Five questions for Bellverie Ross[6]

[7]
On her final day of work as the executive assistant for the dean of students/assistant vice chancellor for Student Life, Bellverie Ross stayed in her office until 8:30 p.m. to “finish her job.” She brought the same dedication to her work and the University of Colorado Denver for 36 years until her retirement on Sept. 30.

Ross had worked at Colorado Women’s College with Nancy Scott, who was director of the college’s Title IX program. The college was under financial distress, and the status of the grant program was uncertain. When Scott was offered a position at CU Denver in the Department of Education, she insisted that Ross come along. That was in 1977. A few years later, Scott accepted the position of dean of students and Ross became her assistant as well as the resource and events coordinator, the secretary and the “all-around girl.”

Over the years, Ross reported to 10 different deans. “I liked to say that I came with the furniture,” she said. Ross helped develop a variety of programs, including CU Succeed, which allows high school students to take college courses, and the Senior Citizens Program, which invites community members 60 years and older to attend classes for free.

“My 36 years at the Denver campus has been a journey -- a ride of a lifetime. I have no regrets and no complaints,” Ross said.

1. What are some of your favorite memories of CU?

I used to coordinate the commencement program and one of the highlights was when I met Edward James Olmos who was an actor in “Miami Vice.” We picked him up in a limousine and I felt like I was on the red carpet that day. He was a very nice and humble man. That was exciting. I also met John Elway. I was the coordinator for the John Elway Scholarship and John and his family came to one of our scholarship awards programs. I brought my kids and grandkids to meet him. There have been many highlights, but those two stand out.

2. You helped build the Senior Citizens Program designed to bring people age 60 and over to classes at CU Denver.

[8]
The program had been approved by the Board of Regents before I was there. I took that program and started sending out announcements about it. I’ve had Holocaust survivors as participants; people from all walks of life -- housewives, attorneys, Ph.Ds. An interesting group of people have participated over the years. One of my favorites was a World War II vet. He took a history of World War II class and one of his projects was the music of the time. He brought his 78s but we didn’t have a record player. I said, “Fear not, I’ll find one.” I called my church and they had one in the old Sunday school room. He played the music and talked about it. He even had some pictures of himself with some of the people.

Just because you get older doesn’t mean you have to stop learning. It was a courtesy program, an outreach program to the community. It was part of my job; I just made it into something. It’s a very popular program. My oldest participant might be 82. Some people say, “I paid a fortune for my education and now I want to get something for free.” It’s a great thing for younger people to see older students on campus. There’s a stereotypical image of older people out there. I have always respected older people and their thoughts and wisdom, and that is something that is lacking now.

3. What will you miss most about the university? What are your plans now?

I will miss it. It was a good ride for me. I’ve seen it grow from a dream to a real campus. I came to the campus when the North Classroom was not there. Larimer and Lawrence streets were wide open and LoDo was in the development

phase. Things have changed. I'm glad they have restored the Ninth Street homes and old churches on campus and the Tivoli. We need to preserve our history so we know where we are going today.

I have a full life and I travel all the time. I have always been self-sustaining and I'm proud to be financially secure. I travel throughout the United States. I was in St. Paul in July for my sorority's national convention. I'm the president of one of the local chapters of Iota Phi Lambda. We give scholarships to young women entering higher ed. My youngest and oldest daughters live in North Carolina and I like to go to New York to see Broadway plays. A lot of my sorority friends live in California and most of our regional meetings are there or in Seattle.

4. Your family has a long history in Denver and you have called yourself a survivor. In what ways are you a survivor?

[9]
I put in 36 years at CU. I survived the best and the lean of the years. I've been through budget crises, people being laid off, and I've seen chancellors, provosts and supervisors come and go. I needed to work but I always enjoyed my job and always did my best. I'm an award-winning staff member. I know when to hold and when to fold. I respect people and they have respected me. I have heard from former chancellors and provosts and supervisors and students. I don't know of many retirees who get those types of greetings, and I am proud of that.

I have worked from the time I was a teenager. In the early '60s, I was the first black to work for Spartan Department Store and the first to work for Husky Oil. I was a groundbreaker by being the first black to do that. I know there's racism but I personally haven't had any problems. Even so, I can't let racism or sexism or ageism stop me from what I want to do.

My great-grandmother was born here on Jan. 14, 1888, probably right where the Auraria Campus is now because that's where people settled then. I got my black history from my family. Years ago it wasn't taught in school; I got it at home. My grandmother's father came here after the end of slavery on his way to California to seek our gold. Later he brought his family here, but we never did get to our gold.

I have been fortunate and blessed. I have nothing but respect for the university and am proud of the idea of having a major university in the heart of Denver. I have seen us grow higher and higher in education standards. We offered an option to people who never thought of coming to school, especially people of color.

My mother had friends of all backgrounds. I respect and am interested in knowing about people and have learned a great deal about other cultures. That's another wonderful thing about our campus. We have so many people of diverse backgrounds here. Some people might fear that, but we should embrace that and we have embraced it. We live in a world where we have to think outside of our own culture. Life is not a utopia, we have to learn to give and take and appreciate what we have and always look for a better day.

I always knew I could take care of myself and my children. I've stayed with the same bank for 42 years and I'm up to the 17,000 series in my checking account. It's been a good life, even with the detours and disappointments and illness in my family. I have a daughter with MS who is 36 years old and in a nursing home. But we keep going; that's all we can do.

5. You received a Lifetime Achievement Award from the Colorado Gospel Music Academy and Hall of Fame.

It was a community award for my service at the university and my work in my sorority … and, you know, I haven't done any harm. I'm very proud of the award. I'm in the Hall of Fame with Wilma Webb and outstanding civil rights leaders. I'm very proud of that.

Scott Carpenter, CU-Boulder alum and NASA Mercury astronaut, dies at 88[10]

Scott Carpenter (Photo courtesy of NASA)

Scott Carpenter, a University of Colorado Boulder alumnus and a famed NASA Mercury astronaut who became only the second American to orbit Earth, died Oct. 10, 2013. He was 88.

Carpenter, a Boulder native, entered CU-Boulder's astronautical engineering program in 1945, eventually earning a bachelor of science degree. He orbited Earth three times on May 24, 1962, in NASA's Aurora 7 capsule before splashing down in the Atlantic Ocean.

Carpenter was the first of 18 CU-Boulder astronaut affiliates to have flown in space. As one of the first NASA astronauts, Carpenter and his colleagues were celebrated in the Tom Wolfe book "The Right Stuff," which told the story of early military test pilots and the original Mercury 7 astronauts.

Born in Boulder on May 1, 1925, Carpenter graduated from Boulder High School in 1943. He then entered the Navy's V12a flight training program at Colorado College in Colorado Springs. He spent the next year training in California and Iowa, returning to Boulder in 1945 to study at CU-Boulder.

"In his two-decades-long career as a Naval aviator, astronaut and aquanaut, Scott Carpenter brought honor and distinction to CU-Boulder while embodying the adventurous spirit of our nation," said CU-Boulder Chancellor Philip P. DiStefano. "Our space program, and all space and ocean researchers everywhere, owe him a debt of gratitude. He will be sorely missed."

In 1965 Carpenter took a leave of absence from NASA to participate in the Navy's Man-in-the Sea Project as an aquanaut in the SEALAB II project off the coast of La Jolla, Calif. where he spent 30 days living and working on the ocean floor at a depth of more than 200 feet. Because of his groundbreaking deep-sea diving experiences with the Navy, Carpenter is hailed by many to be the first person to conquer both outer and inner space.

"My colleagues and I are deeply saddened by the passing of Astronaut Scott Carpenter," said CU-Boulder aerospace engineering sciences Chair Penina Axelrad. "He has long been a member of the CU family and a tremendous inspiration for our aerospace faculty and students."

In a 2012 interview with CU's alumni magazine The Coloradan, Carpenter spoke about his historic space journey. "I still remember what a thrill it was being up there — I liked the feeling of weightlessness, and the view I had of Earth."

Carpenter and the other Mercury 7 astronauts created the Astronaut Scholarship Foundation in 1984. The foundation now involves more than 80 astronauts, awards 28 $10,000 scholarships annually and has dispersed more than $3 million to promising students in science and engineering since 1986.

As one of the original Mercury 7 astronauts, Carpenter followed Alan Shepard, Gus Grissom and Glenn into space and was followed by Wally Schirra, Gordon Cooper and Deke Slayton.

Carpenter was commissioned in the U.S. Navy in 1949 and flew a variety of missions during the Korean War. He attended Navy Test Pilot School in Maryland in 1954 and was assigned as an Air Intelligence Officer on the USS Hornet aircraft carrier. In April 1959, he was selected by NASA to be an astronaut.

Although he was one course requirement short of graduating with a bachelor's degree in aeronautical engineering when he left CU in 1949, the university awarded him his degree in 1962 following the successful Aurora 7 flight. When presenting the degree to Carpenter, then-CU President Quigg Newton noted that "his subsequent training as an astronaut has more than made up for his deficiency in the subject of heat transfer."

In 1967, he became the Navy's director of aquanaut operations during the SEALAB III experiment. After retiring from the Navy in 1969, he founded and became CEO of Sea Sciences Inc., a venture capital corporation that developed

programs aimed at enhanced use of ocean resources and improved health of the planet. He worked closely with noted diver and scientist Jacques Cousteau and members of his Calypso team, and subsequently dove in most of the world's oceans, including under Arctic ice.

Carpenter later became a consultant to industry and the private sector and lectured around the world, narrated TV documentaries and wrote several books, including the 2002 New York Times best-seller "For Spacious Skies: The Uncommon Journey of a Mercury Astronaut," co-authored with his daughter, Kris Stoever.

Q&A: The new CU Resources portal[12]

A redesigned CU Resources area is scheduled to debut in the employee portal next week, marking the first step in a modernization process that will provide employees with increasingly individualized alerts, information and tools related directly to their jobs, benefits, professional development and more.

Get to know the CU Resources area and its new upgrade a little better with these five questions and answers:

What's new to the portal's CU Resources area?

When the CU Resources area debuts, users will see new features and information. Here are a few new features: **Tablet-friendly design:** Previously, the portal didn't play so well with iPads or tablets. The new mobile-friendly design means CU Resources tools may be accessed on the go and on a variety of devices. (Did we mention you can win an iPad by visiting the portal? More on that in future articles.) **New design:** The portal's modernized look includes a new layout, color scheme and icons. This is another reason the portal will play nice with tablets. **News and announcements:** This tabbed news area will present employee alerts, news and information, as well as CU Connections. News will be tailored for each CU campus. **Rotating window:** This rotating window will highlight major news, important deadlines, employee perks and deals, as well as programs to enhance your work and personal life. **Favorites:** Some say you shouldn't play favorites. The CU Resources area's creators disagree. This feature allows you to tag your favorite portal tools for fast access when you need it. **Quick links:** Find the most-used portal links in a prominent box on the right side of the page, for easy access. **Social network integration:** What's going on at CU this instant? See a digest of CU Twitter feeds to find out what's happening across the CU system.
What will stay the same?

Employees will still have access to all the current applications, and can find them in the dropdown navigation on the left of the page. The reorganized menu makes finding applications more intuitive.

The menu includes:
Personal Information: Employee Profile, Ethnicity and Direct Reports **Payroll and Compensation:** Pay Advice, Leave, Benefits Summary, W-4, W-2 and Direct Deposit **Training:** Training Summary, Start SkillSoft, SkillSoft Resources and Professional Development **Business Applications:** Employees only will see the business applications needed to do their jobs. These may include Concur Travel and Expense System, CU Markeplace, DARS Boulder, DARS Colorado Springs, DARS Denver, ePERS, ePERS SPA, ePERS Supervisor, eComm, Finance, Fiscal Cert and Assessment, HRMS, ISIS – Campus Solutions, ISIS – CRM, Jobs at CU Apply-Search Job, Jobs at CU Department Recruitment, Singularity DM and Voluntary Fiscal Assessment. **Reports:** Public Folders, My Folders and Other Reports **Help / Support:** SupportWorks, Self Help and UIS Helpdesk
What will the new CU Resources look like?

To see a video sneak peek of the new area[13], visit the portal project blog at curesources.wordpress.com[14]. Follow the project blog to have updates sent directly to your email.

Who designed the CU Resources area?

The CU Resources area was developed by an in-house team of programmers from UIS, with content input from a

working group with representatives from UIS, Employee Services, Office of University Controller and others.

What's coming next?

This redesign builds the foundation for ongoing improvements to CU Resources. More features will be added on the portal in 2014. Future upgrades will allow employees to receive increasingly personalized information as well as new tools, charts and functionalities to help streamline many work tasks.

Have an idea for something you would like to see in CU Resources? Please leave a comment on the portal project blog at curesources.wordpress.com[14].

Reminder: Resources available for faculty, staff affected by floods[15]

Guides help flooding victims recover from financial loss, plan ahead

The recent flooding that devastated Colorado communities was a striking reminder of the physical destruction and harm caused by natural disasters. The financial toll for individuals is often less apparent, but no less devastating.Those affected by floods may have a difficult time recovering financially. Some may be unsure what steps to take next. That's where the free booklet "Disaster Recovery: A Guide to Financial Issue[16]s" can provide help.

It outlines steps to regain financial stability that must be addressed immediately – and in the weeks and months following a disaster. This collaboration between the National Endowment for Financial Education, the AICPA Foundation and the American Red Cross outlines:

Restoring household stability Money and cash flow Employment Managing an injury or disability Stabilizing your finances Lawsuits and settlements Managing a property Loss Future financial needs

Preparing for the future

The state's recent floods, forest fires and other disasters may have some thinking about how to prepare and mitigate the effects of a disaster. That's where the companion guide "Disasters and Financial Planning: A Guide for Preparedness[17]" can prove helpful.

The booklet details measures to help families avoid a financial crisis in the event of a disaster. Topics include:

Making a disaster plan Protecting property Protecting income Protecting health and life Protecting records Protecting loved ones

From Employee Services:

University of Colorado employees on all four campuses had their lives disrupted by the recent flooding.

Understanding that the recovery process can be long, difficult and trying, Employee Services and the CU Health and Wellness Trust have arranged to make the following services available to employees whose lives were directly affected by these natural disasters.

Faculty Housing Assistance Program loan options available

Full-time tenured and tenure-track faculty members who own homes damaged in the recent floods, who have equity in their homes and who plan to take out home equity loans to make their homes habitable after storm damage, may qualify for Faculty Housing Assistance Program loans from the university.

Such faculty members would need to apply at https://www.cu.edu/content/faculty-housing-assistance-program[18], use the university's approved financial institution for their new first mortgages and provide documentation of the losses suffered. General information about the Program can be found at https://www.cusys.edu/academicaffairs/documents/FHAP-description.pdf[19].

Faculty members with existing shared-appreciation loans through the university's Faculty Housing Assistance Program should contact the Treasurer's Office, 303-837-2182 or https://www.cu.edu/treasurer[20], if making major repairs or improvements due to the recent floods. If expenditures qualify as capital improvements, these expenditures could reduce the amount owed to the university when the existing loans are repaid.

Enrollment extended for all benefits

Understanding that many employees were in the midst of their benefits enrollment period when the flooding occurred, the university has arranged an enrollment extension for all benefits.
Medical and dental plans: CU has the authority to authorize late enrollment on Medical and Dental plans. **Life and disability insurance plans:** University staff is writing an amendment to CU's contract that will allow an enrollment extension for optional life insurance, voluntary life and short-term disability plans. This amendment was authorized by Standard Insurance Co. **FSA plans:** The IRS will allow late enrollment as long as the university clearly designates the circumstances under which an extension is allowed, a specific time period this will be allowed, and applies the extension fairly and consistently to all employees. **PERA:** University staff will work directly with PERA's legal team to advocate for employees, if the situation arises.
Accommodations for using CU Health Plans

Anthem plans

Employees directly affected by the floods and enrolled in health plans administered by Anthem Blue Cross and Blue Shield may take advantage of the following services:
Extending filing claim deadlines. Suspending early refill limits for prescriptions. Authorizing payment to replace covered Durable Medical Equipment supplies for affected employees who call to request them. Providing member access to a 24-hour Nurse Helpline. Allowing employees to see any physician necessary to provide access to covered care. Offering 24-hour, free telephone counseling and referral services through Anthem's Employee Assistance Program. This phone number can be found on the back of the member's identification card or by calling 1-877-208-8240. These medical and pharmacy guidelines are effective for the next 30 days. For additional questions, members should call the phone number on the back of their membership card. If employees do not have their card or need replacement cards, call 1-800-735-6072.

Kaiser plan

As of Sept. 16, all Kaiser Permanente medical offices are open in Colorado to serve CU Health Plan members. Additional resources:
Call the Kaiser Permanente 24-hour medical advice line at 303-338-4545. Email your doctor on kp.org[21]. For behavioral health appointments, call 303-471-7700. For more information, go to kp.org[21] and search "grief" or "depression."
Distributions from Pension and Savings plans

Several university pension and savings plans allow for plan loans or hardship distributions, which may be helpful as employees rebuild and repair.

University of Colorado 403(b) Plan

Plan Loans are available only from annuity contracts with TIAA-CREF, MetLife or VALIC, under the following terms and conditions:
The total of all outstanding 403(b) Plan loans cannot exceed the lesser of: $50,000, less the highest balance of any plan loan not with the university over the past one-year period; or the greater of one-half of the present value of the employee's plan account balance, or $10,000. Repayment shall be in regular intervals no less frequent than quarterly,

over a term not exceeding five years (unless purchasing a principal residence). Interest shall be applied at a commercially reasonable rate.
Hardship distributions are available under the following terms and conditions:
If used to repair damage to the principal residence or for medical expenses for the employee, spouse, dependent or designated plan beneficiary, purchase of a principal residence, college tuition and fees for employee, spouse, dependent or beneficiary, to prevent eviction from or foreclosure on employee's principal residence, or funeral expenses for parent, spouse, child, dependent or beneficiary. If there is an immediate and heavy need, defined as: The employee does not have sufficient funds of his/her own; All available plan loans and non-hardship distributions have been used; The distribution is not in excess of the amount of the immediate and heavy need (including tax and penalties resulting from the distribution); and The employee's salary deferral contributions into the 403(b) Plan are suspended for at least six months after receipt of the hardship distribution.
Regular distributions are available if terminated from employment or if over age 59.5; employees should contact their investment vendor to begin the distribution process.

If an employee has made rollover contributions into the 403(b) Plan, such contributions are eligible for distribution at any time.

Please note that regular distributions, hardship distributions and a distribution of prior rollover contributions made into the plan are includable in income, and are subject to the 10 percent early withdrawal tax penalty if made to an active employee who is not yet age 59.5 or to a former employee who separated from service with the university prior to attaining age 55.

PERA 401(k) Plan

Plan loans are available under the PERA 401(k) Plan under terms and conditions similar to under the university's 403(b) Plan discussed above.

Hardship withdrawals are available under the PERA 401(k) Plan under terms and conditions similar to under the university's 403(b) Plan discussed.

Regular distributions are available if terminated from employment or if over age 59.5. For more information regarding available plan loans and distributions from the PERA 401(k) Plan, employees should contact PERA directly at 1-800-759-7372, because the university does not administer the PERA 401(k) Plan.

PERA 457 Plan

Plan loans are available under the PERA 457 Plan under terms and conditions similar to those under the university's 403(b) Plan discussed above.

Hardship withdrawals (referred to as "unforeseeable emergency withdrawals") are available under the PERA 457 Plan under terms and conditions similar to those under the university's 403(b) Plan discussed above.

Regular distributions are available only if terminated from PERA employment. For more information regarding available plan loans and distributions from the PERA 457 Plan, employees should contact PERA directly at 1-800-759-7372, because the university does not administer the PERA 457 Plan.

Have questions?

If you have questions about using these services, please contact the Employee Services benefits professionals at 303-860-4200 or toll-free at 1-855-216-7740, and select option 3.

Lt. Gov. Garcia to address campus conference[22]

Lt. Gov. Joseph Garcia

Colorado Lt. Gov. Joseph A. Garcia will address aerospace professionals, educators and others interested in the future of the aerospace industry at an American Institute of Aeronautics and Astronautics technical symposium scheduled for Oct. 25 on the campus.

Garcia will provide brief remarks following lunch at Berger Hall in the UCCS University Center and will participate in a panel discussion on the direction of the aerospace industry in Colorado. UCCS Chancellor Pam Shockley-Zalabak will welcome conference attendees to campus.

“We are honored that Lt. Gov. Garcia – who is a huge advocate for space and science – has agreed to participate in this event,” said Taylor Lilly, assistant professor, College of Engineering and Applied Science.

Lilly serves as the technical symposium’s organizer and is vice-chair of the AIAA’s Rocky Mountain Section. He encouraged all who are interested in aerospace to consider attending the conference. Registration for the daylong technical symposium is $40 for professionals and $25 for students. For more information about the conference, visit http://www.aiaa-rm.org/ATS[24] or contact Lilly, 255-3430 or tlilly@uccs.edu[25].

“There are many facets of the future of aerospace,” Lilly said. “We see this as an opportunity for science, business, engineering as well as other disciplines to come together to learn and to think about the future.”

Garcia serves as executive director of the Department of Higher Education in addition to his role as second-in-command to Gov. John Hickenlooper. He is co-chair of the Colorado Space Coalition and actively promotes science, technology, engineering, and math education to prepare Colorado’s next generation of aerospace workers.

Before being elected, Garcia was president of Colorado State University-Pueblo, served as co-chair of the Governor’s P-20 Education Task Force, and worked as one of three Colorado commissioners on the Western Interstate Commission on Higher Education. He also was president of Pikes Peak Community College, a White House appointee for the U.S. Dept. of Housing and Urban Development, and served on former Gov. Roy Romer’s Cabinet as the executive director of the Colorado Department of Regulatory Agencies. He earned a business degree from the University of Colorado and a juris doctorate from Harvard Law School.

CU team finds likely culprit behind liver problems linked to intravenous feeding[26]

Researchers know that feeding some patients intravenously can save their lives – but also can cause liver damage. Now scientists at the University of Colorado and Children’s Hospital Colorado have figured out the likely culprit, one of the ingredients in intravenous food, behind the liver problems.

The discovery, published Oct. 9 in Science Translational Medicine[27], could point the way to better treatments for patients who are medically vulnerable and, often, very young.

“We still have more to learn about the optimal mix of lipids for intravenous nutrition,” said Ron Sokol, part of the research team. “Our hope is that this study will lead us to intravenous nutrition that results in less stress on the liver.”

A life-saving option for some patients with intestinal problems or pancreatitis is to provide food intravenously. But this option, usually used for patients who can’t tolerate or absorb food from their intestines, is associated with liver damage while helping in other ways.

Young among highest-risk patients

The risk is especially high for premature infants and children with intestinal failure or short bowel syndrome, who often depend on intravenous feeding – or Parenteral nutrition (PN) -- for years. The longer a patient is on PN and the more severe their intestinal problems, the greater the risk of what is called PN-associated liver disease (PNALD).

Clinical evidence had suggested that lipids derived from soy might be part of the problem. The researchers, also representing University of Cincinnati, Cincinnati Children's Hospital and Emory University, zeroed in on the soy factor.

They found that one derivative of soy – called stigmasterol – appeared to prevent the flow of bile from the liver in experimental mice. They also figured out the chemical mechanism behind that problem, and found that microbes in the gut appeared to contribute to PNALD as well.

"The results of this study may help promote a shift away from solutions containing stigmasterol for patients dependent on intravenous nutrition," Sokol said.

GEM offers open access global energy business course[28]

[29]
The Global Energy Management (GEM) Program at the University of Colorado Denver Business School[30] is excited to offer an open access energy business course starting on Nov. 4 on Coursera.

Coursera[31] is a learning platform that partners with universities to offer free online courses globally. This opportunity gives the GEM Program worldwide exposure to diverse audiences and raises the program's visibility in the energy community and across society as a whole.

"The GEM program is providing this introduction to energy course as a contribution to the global energy discussion," said Jim Marchiori, GEM executive director. "We care about sources and uses of energy in all its forms and about all the people who produce energy and all the people who use it – that's pretty much everybody. The huge platform and reach that Coursera provides gives us a chance to contribute to the education of not just our students, but the whole world of energy users."

Delivering quality online courses in energy is not new to the GEM Program. GEM currently offers a master of science (MS) degree in Global Energy Management via "hybrid-online" curriculum delivery. Energy professionals from around the world enroll in GEM because of its business focus on energy as well as the accessibility the classroom-online model provides to full-time professionals.

"The Business School is committed to exploring multiple ways to share our special expertise across the globe through varied modalities. This course furthers GEM's position as a contributor and thought leader in energy education," said Sueann Ambron, dean of the CU Denver Business School. "Upon successful completion, some students in the open course may want to further their education in the business side of the energy industry and that's where GEM's MS degree plays an important role."

Registration is now open for this online, five-week course. It is "asynchronous," which means that students can log in and complete the course at their own pace, but all work must be completed during the five-week period. Students who take this class will gain an understanding of the essential, systemic nature of energy development and learn why the energy sector motivates such an enormous amount of business activity and political interest.

GEM lecturer Michael Orlando will teach the Fundamentals of Global Energy Business course, which will provide students with an introduction to the business of primary energy production. It will examine the nature of demand and supply in global energy markets and business considerations for participants in those markets.

"Developing online lectures for GEM has been good preparation for Coursera," Orlando said. "In GEM, preparing recorded lectures requires me to really think through a narrative that ties together the course material. This is doubly

important on Coursera because I will never get to meet the vast majority of my students. I'll likely be reaching many more students in this one class than I've taught in all of my other classes, combined."

Students who successfully complete the class will receive a Statement of Accomplishment signed by the instructor. They will not receive college credit for the course from the University of Colorado Denver or have a transcript from the course on file with the University's registrar.

Coursera is a social entrepreneurship company that partners with the top universities around the world to offer courses online which anyone can take for free.

Modernized Fiske Planetarium reopens[32]

Video images are startlingly brilliant at the newly modernized Fiske Planetarium. (Photo: Casey A. Cass/University of Colorado)

Sky gazers will be better immersed in spectacular views at the University of Colorado Boulder's Fiske Planetarium since the dome's nearly 40-year-old analog projector was replaced with a new digital "star ball" in a project completed last week.

The modernized Fiske, which now can show a wider range of media including ultra high-definition movies, reopened to the public Saturday.

"Just like movie or IMAX theaters, Fiske will show a variety of programs for adults and children," said Doug Duncan, director of Fiske. "We'll be open to the public every weekend and some evenings while still serving college and K-12 students in classes Monday through Friday."

In addition to movies and space odysseys, the planetarium will continue to offer its popular series of laser shows.

The new star ball can display up to 20 million individual stars -- a vastness not fully visible to the naked eye.

"The naked eye can see about 6,000 stars," said Duncan, who also is a CU-Boulder research associate in astrophysical and planetary sciences. "Our new projector is so powerful that you can use binoculars inside the planetarium to see millions of stars and the beautiful Milky Way."

Fiske also now boasts a refurbished video system, which projects high-definition pictures at 8,000 by 8,000 pixels in size, giving audience members a clearer and deeper 360-degree view.

"The size and quality is the equivalent of 40 Blu-ray players projecting 40 sections of one video image at once," Duncan said.

All regular shows will include a live demonstration of the capabilities of the new Fiske, showing the stars and flying visitors through the universe.

"Just like at an IMAX theater, we can take you near a black hole, through the Grand Canyon, under the ocean, or up to a super volcano," Duncan said. "The sky is no longer the limit."

Featured today through Sunday are "Black Holes," "Supervolcanoes," and "Moons and Lasers" -- a family show -- as well as laser shows set to everything from the music of AC/DC to Lady Gaga. Tickets range from $7 to $10.

Fiske, which offers some programs in Spanish, is the largest planetarium of its kind between Los Angeles and Chicago. The technology upgrade project -- the first of its extent at Fiske since the planetarium was established in the early

1970s -- has been underway since January 2013.

“I’ve been to several of the most beautiful sky gazing sites in the world, from Hawaii to Chile,” Duncan said. “Fiske is the only indoor planetarium that I’ve seen that makes me feel like I’m really out there.”

For more information about Fiske Planetarium, including schedules, visit http://fiske.colorado.edu[34] or call 303-492-5002.

Gibson, team awarded $1 million grant to develop new microscope[35]

[36]
Emily Gibson, a CU Denver bioengineering faculty member, has been awarded a $1 million National Science Foundation grant for development of a unique fluorescent microscope allowing visualization of dynamic cellular processes at resolutions approaching the size of protein complexes (tens of nanometers).

Diego Restrepo, professor of cell and developmental biology and director of the Center for Neuroscience, is co-principal investigator of the grant; **Stephanie Meyer**, research associate in the Department of Bioengineering, is key personnel.

The technology development grant will fund a five-year effort to build the microscope, making CU Denver the only place in the country with such research capability. Projects enabled by the new instrument include studies of the dynamic organization of protein complexes in synapses upon control of neural plasticity, studies of the molecular-level mechanisms of odor transduction by direct stimulation of the transduction pathway, and methods for writing/reading bits at sub-diffraction dimensions in high density data storage materials.

The investigators are particularly committed to promoting student training and advancing participation of under-represented minorities in science as evidenced by their involvement in the Building Research Achievement in Neuroscience (BRAiN) program, a summer program designed to help meet the challenge to reduce the Neuroscience research participation gap by preparing diverse undergraduates in the Rocky Mountain and Southwest Region for successful entry to Neuroscience Ph.D. programs.

Franck to direct new architecture initiative[37]

[38]
Christine G.H. Franck -- an award-winning designer, author and educator -- has been named the first director of Contemporary Traditional Architecture Initiatives at CU Denver’s College of Architecture and Planning.

Says CAP Dean Mark Gelernter, “This new position will help pull together a number of programs and initiatives in our college around the theme of ‘Enduring Places.’ This means designing buildings and places that can last longer by adapting to changes over time, rather than wastefully replacing them when functions or tastes change.”

Enduring Places partners sustainability with historic preservation, and focuses renewed attention on how buildings in the past adapted more gracefully to change than many recent buildings. This initiative is intended to help today’s practitioners learn important lessons from traditional settlement patterns, design languages and building practices.

The Enduring Places theme builds on existing strengths in the college. The Center of Preservation Research (CoPR) documents and analyzes historic buildings and places for lessons today, while the master’s in Historic Preservation studies traditional building materials and processes. The Rocky Mountain Chapter of the Institute of Classical Architecture and Art supports a special topic area in classical architecture.

Franck holds a bachelor's degree in architecture from the University of Virginia and a master's in architecture from the University of Notre Dame. She began her career working for leading classical architect Allan Greenberg, and administering the first two American programs of the Prince of Wales's Foundation for Building Community. Her own residential design work has won national awards including a Palladio Award.

She was the first executive director of the Institute of Classical Architecture and Art in New York. Franck also has taught in the architectural programs at the University of Notre Dame and the Georgia Institute of Technology.

Franck currently serves or has served on the Board of Directors of the ICAA, the ICAA Rocky Mountain Chapter, the National Civic Art Society, the International College of Chapters of INTBAU, and the Advisory Council of the University of Notre Dame. In 2002, she was honored by HRH The Prince of Wales with the first Public Service Award of the Prince's Foundation for "her outstanding contribution to the study of architecture and design."

Linden to preside over international association[39]

[40]
Karl Linden, professor of environmental engineering at CU Boulder, recently took over the role of president of the International Ultraviolet Association (IUVA).

Linden has researched and developed UV technology since the early 1990s. From New York City, Linden graduated from the esteemed Bronx High School of Science, and studied environmental engineering at Cornell University as an undergraduate. He attended University of California Davis for his master's degree and Ph.D. graduate studies in environmental engineering.

Linden is currently leading a team to develop a solar toilet[41] as part of the Reinvent the Toilet Challenge funded by the Gates Foundation.

Dropping names …[42]

"The Mathematical Coloring Book" by **Alex Soifer**, professor, interdepartmental studies at UCCS, was the subject of a favorable extended review in the August-September 2013 issue of the "Monthly," the lead journal of the Mathematical Association of America. … **Carrie Makarewicz**, assistant professor of planning and design, CU Denver, has had an article published based on some of her dissertation research. "Vouchers, Magnet Schools, Charter Schools, and Options: Analyzing the Effects of School and Housing Choices on Mode Choice to School" appears in Transportation Research Record: Journal of the Transportation Research Board, 2327 (1), 1-8. … **Sarah R. Lotfi**, lecturer in the Department of Visual and Performing Arts and a 2012 alumna of UCCS, received the Colorado Spotlight Award on Oct. 6 during the Indie Spirit Film Festival. Lotfi earned the award for her direction of the film "Menschen," which was set during World War II in Czechoslovakia and filmed entirely in Colorado. **Robert von Dassanowsky**, professor in the Department of Languages and Cultures and Department of Visual and Performing Arts, served as the film's executive producer and historical adviser. … **Jesse Kuroiwa**, coordinator of CU Denver's Visual Resource Center and the College of Architecture and Planning's photographer, has an exhibit on display at the West Gallery of the Earlville Opera House Arts Center in Earlville, N.Y., near Syracuse. The exhibit, "Resurfacing: Sites of Violence During the Japanese American Internment, Photos and Text," opened with an artist reception Sept. 28 and will be on display until Nov 9.

In memoriam[43]

Names of current and former University of Colorado faculty and staff who have died in recent weeks. List compiled by Employee Services.

CU-Boulder
Joann T. Dennett, 74, faculty retiree. Sept. 23, 2013. **Robert Pittman,** 80, classified staff retiree. Sept. 30, 2013. **William E. Wright,** 99, classified staff retiree. Sept. 28, 2013.

Tools upgrade this weekend; please validate your browser version[44]

To improve performance, University Information Systems (UIS) is upgrading business applications Saturday through Sunday, Oct. 19-20. Access to the new applications will be available starting Monday, Oct. 21.

Applications included in the upgrade are PeopleTools 8.53, Enterprise Portal 9.1 and Campus Solutions Bundle 30, which are part of Campus Solutions applications (ISIS). DARS, Document Management, the Portal and the CU Reporting System may be affected during the upgrade weekend. Access the Service Catalog[45] for additional information about ISIS.

Having the correct browser version is critical to proper operation of the tools you use. Here is a list of the approved browsers to help you troubleshoot your applications if they don't show content correctly. Before calling the Service Desk/Help Desk, please verify that you have the correct version installed if your application doesn't look right. If you need assistance, please contact the Service Desk/Help Desk for your location.

Microsoft Windows*

Apple Mac OS
Internet Explorer 10Firefox 17 Microsoft Windows 7 (32-bit or 64-bit) Microsoft Windows 2012 (64-bit) Microsoft Windows 8 (64-bit) Apple Mac OS X 10.7 (Intel) (64-bit) Apple Mac OS X 10.6 (Intel) (64-bit) **Internet Explorer 9Safari 6** Microsoft Windows 7 (32-bit or 64-bit) Microsoft Windows 2008 R2 (64-bit) Apple Mac OS X 10.8 (Intel) (64-bit) Apple Mac OS X 10.7 (Intel) (64-bit) **Internet Explorer 8Safari 5** Microsoft Windows 7 (32-bit or 64-bit) Microsoft Windows 2008 R2 (64-bit) Apple Mac OS X 10.5 (Intel) (32-bit) Apple Mac OS X 10.7 (Intel) (64-bit) Apple Mac OS X 10.6 (Intel) (64-bit) Apple iOS 5 **Firefox 17** Microsoft Windows 7 (64-bit) Microsoft Windows 8 (64-bit) **Google Chrome 24** Microsoft Windows 7 (64-bit) Microsoft Windows 8 (64-bit)
*Windows XP and Vista are not supported

Chance to win free Fitbit from Be Colorado[46]
[47]
Health screening results will be mailed to your home two to four weeks after your appointment Walk-ins are accepted from 7 a.m.-11 a.m.; just make sure you bring your health insurance card with you You are automatically entered to win

one of 50 free Fitbits. The drawing will take place in December.
Submitted by Be Colorado:

A great health check-up comes with a lasting reward.

Sure, you'll be entered to win one of 50 Fitbits when you and your spouse or partner participate in the CU Health Plan's health screenings this fall. But the reward we're referring to is far more valuable.

David Harmer, who took our 2012 health screenings, got his reward in the form of healthy blood results, thanks to increased activity and training.

"I'm only 29 years old now, but in future years, I would look at having more tests done to screen for possible medical conditions," said Harmer, head coach of the women's cross country team at the University of Colorado Colorado Springs, following his screening.

Karen Jackson, who works at the University of Colorado Denver's Budget and Operations office, received a much-welcomed boost from the on-site blood-draw team.

"When I shared my weight loss with some of the staff, they were so encouraging and happy for me that it just reinforced how important it is to have a healthy lifestyle, and to maintain that positive outlook through exercise and healthy eating habits," Jackson said.

Why not earn your own reward? Register for a health screening today[48]!

Links
[1] https://connections.cu.edu/stories/rivera-honored-cu-advocate-year[2] https://connections.cu.edu/file/cuadvoty01png [3] https://www.cusys.edu/cuadvocates/index.html[4] https://connections.cu.edu/file/cuadvoty02png[5] https://connections.cu.edu/file/cuadvoty03png[6] https://connections.cu.edu/stories/five-questions-bellverie-ross[7] https://connections.cu.edu/file/5q-ross01png[8] https://connections.cu.edu/file/5q-ross02png[9] https://connections.cu.edu/file/5q-ross03png[10] https://connections.cu.edu/stories/scott-carpenter-cu-boulder-alum-and-nasa-mercury-astronaut-dies-88[11] https://connections.cu.edu/file/scott-carpenter01png[12] https://connections.cu.edu/stories/qa-new-cu-resources-portal[13] http://curesources.wordpress.com/2013/09/19/take-a-video-tour-of-the-new-cu-resources-area/[14] http://curesources.wordpress.com/[15] https://connections.cu.edu/stories/reminder-resources-available-faculty-staff-affected-floods[16] http://www.smartaboutmoney.org/Portals/0/ResourceCenter/DisasterRecovery-GuidetoFinIssues.pdf[17] htt p://www.smartaboutmoney.org/Portals/0/ResourceCenter/DisastersandFinancialPlanning-PreparednessGuide.pdf[18] https://www.cu.edu/content/faculty-housing-assistance-program[19] https://www.cusys.edu/academicaffairs/documents/FHAP-description.pdf[20] https://www.cu.edu/treasurer[21] http://kp.org/[22] https://connections.cu.edu/stories/lt-gov-garcia-address-campus-conference[23] https://connections.cu.edu/file/uccsgarciapng[24] http://www.aiaa-rm.org/ATS[25] mailto:tlilly@uccs.edu[26] https://connections.cu.edu/stories/cu-team-finds-likely-culprit-behind-liver-problems-linked-intravenous-feeding[27] http://stm.sciencemag.org/content/5/206/206ra137.abstract[28] https://connections.cu.edu/stories/gem-offers-open-access-global-energy-business-course[29] https://connections.cu.edu/file/denverglobaenergybusinesspng[30] http://www.ucdenver.edu/academics/colleges/business/Pages/business-school.aspx[31] https://www.coursera.org/[32] https://connections.cu.edu/stories/modernized-fiske-planetarium-reopens[33] https://connections.cu.edu/file/ucbfiskepng-0[34] http://fiske.colorado.edu/[35] https://connections.cu.edu/people/gibson-team-awarded-1-million-grant-develop-new-microscope[36] https://connections.cu.edu/file/pgibsonpng[37] https://connections.cu.edu/people/franck-direct-new-architecture-initiative[38] https://connections.cu.edu/file/pfranckpng [39] https://connections.cu.edu/people/linden-preside-over-international-association[40]

https://connections.cu.edu/file/plindenpng[41] http://www.colorado.edu/news/releases/2012/08/14/cu-boulder-team-wins-nearly-780000-%E2%80%98reinvent-toilet%E2%80%99-grant-gates-foundation[42] https://connections.cu.edu/people/dropping-names-161[43] https://connections.cu.edu/people/memoriam-10[44] https://connections.cu.edu/stories/tools-upgrade-weekend-please-validate-your-browser-version[45] https://www.cusys.edu/uis/service-catalog/ps-campus-solutions.html[46] https://connections.cu.edu/stories/chance-win-free-fitbit-be-colorado[47] https://connections.cu.edu/sites/default/files/wp-content/uploads/2013/09/beco_sidebar.png[48] http://becolorado.org/programs/biometric-screenings/