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June 2019

Dear Catherine:

I retire as president of the University of Colorado at the end of next week, so I have been considering this final edition of my monthly newsletter. Over 11 years and nearly 100 editions of this publication, I have tried to share with you how special this place is, how valuable it is to our state and beyond, how our faculty, students, staff and alumni improve our world, and how CU changes lives. I normally try to be concise, but I hope you will indulge me with a longer message since it's my last one.

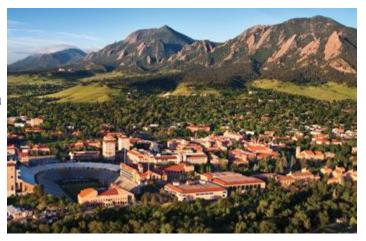
From the perspective of president, I can tell you it takes all of us – faculty, staff, students, parents, alumni, donors, friends – working together to advance the university. All the great things that happen here happen because teams of tremendous people come together with a common purpose. The teams can be

small, like my administrative team of a dozen or so. Or they can be huge, like the 450,000 CU alumni around the world who exemplify the power and promise of a CU education.

It has been an honor and a privilege to serve as president of this great university. I am proud of what we have accomplished. We stand on the shoulders of all those who have worked since 1876 to make our university great.

I want to share some snapshots of highlights of my time here, a sampling of the many things that captured my attention and speak to who we are and what we do.

At CU Boulder we started the Visiting Scholar in Conservative Thought and Policy program as a three-year pilot in 2012. It will enter its seventh year next fall and welcome its eighth scholar. The program, which merged with the Western Civilization program



a few years ago, is the centerpiece of our efforts to teach students how to think, not what to think, and to ensure that CU is a place where debate and discussion on all sides of an issue are alive and well.

The campus joined the Pac-12 athletic conference in 2010, which was a good move for athletics, academics, alumni and recruiting. We have a much larger alumni presence in the Pac-12 footprint than the Big 12 (52,000 vs. 14,000) and we have many collaborative research projects with Pac-12 schools. California is our largest nonresident feeder state. Being in the Pac-12 allows us to visit key West Coast cities multiple times a year to meet alumni and prospective students around football or basketball games.



CU Boulder has an impressive track record in space, but I was particularly struck by the New Horizons mission that explored the outer reaches of our solar system, with a fly-by of Pluto. The spacecraft took seven years to travel to the dwarf planet.

Course-correction instructions take nearly five hours to travel from Earth to the spacecraft. The mission was first discussed by CU Boulder graduate student Alan Stern and a group of his fellow graduate students. It was suggested that he pitch the mission to NASA, which he did; later he was named mission director. The probe is still traveling through space.

CU Boulder and the CU
Anschutz Medical Campus
faculty collaborated recently on a
course aimed at blending
emergency medicine and
bioengineering in an otherworldly
setting. Undergraduates,
graduate students and faculty



recently spent time in the remote Utah desert, which was simulating Mars, to solve complex problems related to emergencies that may arise in exploration of other planets. "Medicine in Space and Surface Environments" brought together emergency physicians from CU Anschutz and aerospace engineers from CU Boulder to teach the unique course.



When we began moving our health sciences operations from Ninth Avenue and Colorado Boulevard to Aurora in 2004, we expected the build-out of the CU Anschutz Medical Campus to take 50 years. It happened in 12. Today, it is one of the finest

academic medical centers in the world, with clinical care, research and education all on one site. Children's Hospital Colorado and UCHealth University of Colorado Hospital are valuable partners in our efforts. A new biosciences park coming out of the ground on the north side of the campus will expand opportunity.

Faculty, researchers, staff and students at the CU Anschutz Medical Campus are not just envisioning the future of health care, they are shaping it. Physicians are using a person's genetic code to tailor treatments through personalized medicine. The Human Genome Project made the effort possible and unlocked a whole new frontier in medicine, and our physicians are at the forefront of it. Physicians in the Sue Anschutz Rodgers Eye Center implanted a bionic eye in a woman who had been blind for some 20 years, allowing her to see again. Physicians at the CU Cancer Center are exploring innovative cancer therapies that give hope in the battle against the disease. No matter where you look, CU Anschutz is a powerhouse.

Our Colorado Springs campus, the fastest-growing CU campus during my tenure in the number of students and physical footprint, serves students from near and far, but it plays an outsized role in the success of southern Colorado. Whether



using innovative delivery methods to provide much-needed nursing education to rural areas or leading efforts to leverage collaborations with other two- and fouryear institutions in southern Colorado, the campus is critical to the region's health.

UCCS is also home to one of the most robust efforts in the United States to address cybersecurity. UCCS joined a selected consortium of seven other universities, as well as representatives from government and business, to take a holistic approach to the critical and growing field. The campus designed curriculum and made a building available for the effort, which we expect to grow by leaps and bounds.



CU Denver has reclaimed its place that is reflected in its marketing slogan – CU in the City. As Colorado's only urban research university, it is integral to the health and vibrancy of Denver. The campus's physical footprint has expanded nearly as

much as its role in serving CU's most diverse student population. During my tenure, the campus extended its reach into Denver and on the Auraria Campus with a Business School building at 15th and Lawrence streets, as well as the Student

Commons Building and the Lola and Rob Salazar Wellness Center on the campus. CU Denver also has plans for a new residence hall on the Auraria Campus.

Team HyperLynx, composed of 18 CU Denver students from mechanical engineering, electrical engineering and computer science, advanced to the final stage of the 2019 SpaceX Hyperloop Pod Competition in July. They began designing their pod for the futuristic transportation mode over a year ago, a process that has included refining and redesigning, resulting in a simplified, less expensive, lighter, faster pod.

CU Denver's School of Education and Human Development partners with community colleges on an innovative teacher education program that allows those with an associate's degree to earn a CU Denver degree and become teachers without leaving their community. The program aims to make a dent in the significant shortage of teachers in rural areas and the early signs are encouraging.

Across CU, our campuses are at record enrollment, and the quality of incoming students is the highest ever. Over 11 years, we increased internally generated financial aid from \$86 million to \$202 million. Student quality and support are reflected in the other end of the pipeline – some 160,000 people received a degree from CU during my presidency.

The university is on sound financial footing. Our budget increased from \$2.2 billion to \$4.8 billion in 11 years. We have continually pursued efficiencies and we promoted more than 100 pieces of legislation that allow us to operate more efficiently and effectively. The work led Moody's to upgrade our bond rating from Aa3 to Aa1, which will save millions.

Our fundraising increased from \$135 million annually 11 years ago to \$440.5 million today. We completed a \$1.5 billion fundraising campaign and kicked off a \$4 billion campaign, which has raised half its goal.

Faculty researchers attracted more than \$1 billion in research funding two years

ago and hit the mark again last year.

CU's approval rating among Colorado voters is 75%, and 97% of our alumni are either satisfied or very satisfied with their CU education.

But the thing I am most proud of is how the culture has changed at CU. We're now a place where collaboration is happening across the university, where our reputation is sound, and where we have respectful debate and discussion on all sides of an issue.

I would be remiss if I didn't recognize the tremendous work and support from my wife, Marcy. She is my partner in all I do and for the past 11 years she has lent her time and talents to a variety of CU endeavors. She has been a wonderful first lady for CU and a great support to me.

As I leave the CU presidency, I see an institution on sound academic and financial footing, one poised to honor its history and build on its momentum. It's been a privilege for me to serve my alma mater these past 11-plus years. And it's been an honor to be part of the CU team.

For feedback, contact officeofthepresident@cu.edu

Sincerely,

Bruce D. Benson President

Welcome Mark Kennedy



It's my pleasure to welcome new University of Colorado President Mark Kennedy, who will take the reins on July 1. I am confident he will continue CU's upward trajectory. He has had good experience on varying career paths that will serve him well at CU. In fact, our backgrounds are somewhat similar. Before becoming CU president, we both had experience in business, politics and higher education, all of which are good preparation for the demands of running a complex, far-flung operation with four campuses and a \$4.8 billion

annual budget.

Mark and I have been working closely on the transition, and I am happy to remain a resource for him as needed. As I noted above, it takes a team to make CU successful, so I hope you will be part of the effort to ensure Mark and his wife, Debbie, will build on CU's success of recent years.

Remembering Tillie Bishop



CU and Colorado lost a friend last week with the passing of Tillie Bishop. He was also a friend of mine, one I knew and worked with for more than 35 years. He served in the Colorado General Assembly for 28 years, the last six as president of the Senate. He also served on the CU Board of Regents for six years.

Tillie was renowned for his honesty and integrity, and if you wanted to get things done, he was your man. He was a strong advocate for Colorado's Western Slope and particularly his home of Grand Junction. Friends and foes

alike respected his tough but fair approach to issues, as well as his ability to work with all manner of people to get the best results. Tillie was a class act.

He also cared deeply about public education, having taught in public schools for seven years and worked as an administrator at Colorado Mesa University for more than 30 years. He was a great regent for CU, one who always put the best interests of the university first. We are a better institution because of his service. Our heartfelt condolences go to his wife, Pat, and the Bishop family.

Giving voice to voiceless Irish miners

Wind whispers through the tall pines that keep the graves company in the Evergreen Cemetery in Leadville, two hours west of Denver. Some of the graves feature modest headstones or small wrought-iron borders. Yet hundreds more stretching away through the pines are mere sunken depressions in the ground where mostly young Irish miners from the 19th century found their final rest in unmarked graves.

CU Denver historian James
Walsh has spent more than 15
years working to give voice to the

CU Denver Professor James Walsh (right) points out a feature of the Evergreen cemetery to Dennis Mulhall, Ireland's ambassador to the U.S.

voiceless buried in the graves and to write an important chapter in the history of Irish America. After years of work by Walsh and Colorado's Irish community and a May visit to Leadville by Irish Ambassador to the U.S., Dennis Mulhall, it looks as though the story will be given its due.

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Forward

In the news



<u>Five University of Colorado researchers named 2019 Boettcher Investigators</u>

The awards support promising, early career scientific researchers, allowing them to establish their independent research and make it competitive for major federal and private awards. Recipients are awarded \$235,000 in grant funding to sustain up to three years of biomedical research.

CU On the Air Podcast



Road trip! We visit Avery Brewing Co. to discuss the history of beer

CU Boulder lecturer <u>Travis Rupp</u> has a unique career that's likely the envy of many: He explores and re-creates ancient and not-quite-as-ancient beers – from the Gordium area of ancient Turkey to the United States' first president – all while teaching Greek and Roman archaeology, art history, Egyptology, and Roman history at CU Boulder. Also: <u>From 100 barrels of beer on the boat to the original India pale ale, beer is a social function</u>

FOUR CAMPUSES UNITED ALL FOUR: ONE



A summer steeped in STEM for high school juniors

The University of Colorado <u>pre-collegiate programs</u> are rolling full 'STEM' ahead with the growth of a science, technology, engineering and math program offered to high schoolers heading into their junior year. In its third year, the program has become highly popular for students who have an interest in STEM-related studies.

CU Advocates Program

Colorado needs healthy research universities that produce a highly educated workforce, grow our economy, attract business and industry, and engage in research that generates jobs, creates companies and improves lives. With your help we can keep CU - and Colorado - strong.

Become an advocate for CU

News from the campuses

CU BOULDER

CU COLORADO SPRINGS

A rundown on this year's Colorado
Shakespeare Festival: The summer season
begins with Twelfth Night, opening in the Mary
Rippon Theatre. As You Like It kicks off in the
University Theatre.

Class of 2019 donates more than \$5,600 for scholarship funds: Members of the UCCS Class of 2019 set a new participation record with 447 graduates making gifts in total of \$5,678 for the annual class gift.

CU DENVER

Education may be key to a healthier, wealthier U.S.: A new study finds that the economic return of living a longer, healthier life may trump lifetime earnings.

CU ANSCHUTZ

<u>Cannabis use among older adults rising</u>
<u>rapidly</u>: The study is first statewide
investigation of cannabis use among older
Americans and the outcomes they experience.

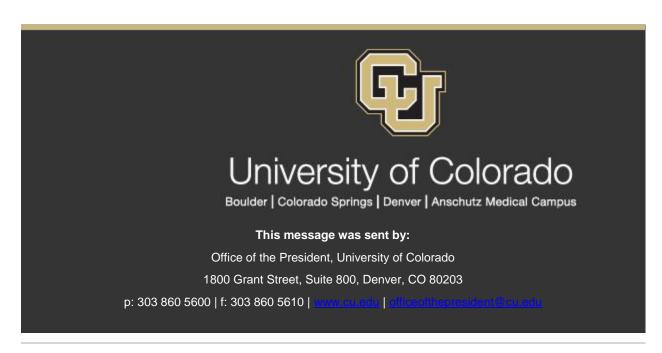






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