

Coloradan

Alumni Magazine Fall 2020

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Reckoning with Racism

Lifting voices of hope is key
to CU's anti-racist future

Be Boulder.



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NOW

AUGUST 25, 2020

When fall semester classes began in late August at CU Boulder, many were online. For the courses that did meet in person, wide-open building spaces and campus lawns became makeshift classrooms to prevent the spread of COVID-19. Here, professor Honor Sachs teaches “Historical Thinking & Writing” to undergraduates in the Norlin Library’s second-floor research wing.



COVER Paris Ferribee (Comm, Mktg'17) wrote that her CU experience was both "a blessing and a curse." Photo by Matt Tyrrie.

ABOVE Betty Fitzgerald Hoover (A&S'46), one of the famous "CU Twins," died Aug. 5, 2020. The Buffs superfan (pictured right) became a CU football season ticket holder in 1958. Photo by Glenn Asakawa.

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New plans and actions are being taken to catalyze change and anti-racism at CU Boulder.

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CU Buffs share experience with racial injustice on and around campus and illuminate paths toward anti-racism.

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New research suggests these simple, centuries-old campaign tools matter — often in a good way.

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Those on the ideological fringes spread most of it, but in the end it hurts us all.

EDITOR'S NOTE

When global events happen, CU Boulder often gets involved. The university's breadth of research and experts makes it an information hub for the world.

In mid-August, for instance, we used our own saliva-based COVID-19 test with quick results to monitor on-campus Buffs before a similar test was widely available. Researchers hope to expand the test beyond CU.

These massive events require the university to reflect inward. National protests and the Black Lives Matter movement have highlighted the sometimes painful experience of Black students and other students of color on this campus.

As you'll read from the personal essays on racial injustice and anti-racism, a clear theme emerges: CU must chart a new course. There are students, faculty, alumni and staff willing to lead the way, and it's going to take all of us to make it happen.

Maria Kuntz, the *Coloradan's* newest editor-in-chief, oversaw the collection of these poignant essays. We welcome her in a time of change — one we need and we want the world to see.

Christie Sounart (Jour'12)

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Catalyzing Change

This edition of the *Coloradan* calls out unrelenting injustice, and a new chapter in our university’s long history of amplifying student and alumni voices to catalyze change.

Six essayists have shared their personal experiences with racism on and around the CU Boulder campus and throughout their lives, as well as insight on anti-racist actions, to commence a united effort to create the equitable and just community we are capable of becoming.

We cannot look away from the genuine and harrowing experiences and perspectives of our students and alumni. Their stories serve to illuminate our fault lines and failures as we strive to be a better and more inclusive institution. The essayists also provide vision and tangible steps to move forward as a community.

We listen to these voices. We see our fellow Buffs. And we acknowledge that anything short of participating in holistic change isn’t enough.

As civil rights legend and longtime congressman John Lewis said, “If you come together with a mission, and it’s grounded with love and a sense of community, you can make the impossible possible.”

We have to take decisive, immediate action. As a university defined by diversity, equity and inclusion, it is incumbent upon all of us to act together, swiftly, meaningfully, in unison. Now.

I, along with campus leadership and stakeholders, am implementing the multiple priorities of our Inclusion, Diversity and Excellence in Academics (IDEA) Plan, which will continue to serve as our campus blueprint to strengthen climate, culture and leadership. This fall, we announced the search for a new chief diversity officer who will report directly to me as we make financial investments in recruitment and retention. Moreover, we will find and initiate ways to honor alumni, students, faculty and staff who have contributed to CU’s rich history.

We must swing the pendulum of CU’s history in a new direction. We are building the foundation of cooperation, compassion and talent to make meaningful change.

At this moment in time, it is critical Buffs join the movement and take action to create positive impact. Read and listen to the essays, both in print and the expanded collection online, familiarize yourself with the diversity plan and find an area to engage in and further this conversation while we build community, understanding and change.

When we work together, progress will carry the day.

Chancellor Philip P. DiStefano

Essayists, clockwise from top left: Obinna Onyeali, Paris Ferrabee, Shamika Goddard, Philip S. Hart, Olivia Pearman, Ruth Woldemichael

The COVID Economy



Richard
Wobbekind

Senior economist **Richard Wobbekind** (PhDEcon'84), associate dean for business and government relations, has worked for the Leeds School of Business since 1985. Here he discusses our nation's economy in a pandemic world.

How do you best describe your job?

I think of myself first and foremost as an educator. I describe the work we do in the research division as a way to provide information for businesses and government that assists in their decision-making processes. My teaching role follows the same theme, providing a framework for decision-making and describing the best sources of information dependent on the industry sector a student might pursue.

When did the economic reality of COVID-19 first hit you? It became clear to me in late

February that supply chain disruptions were likely to occur due to the severe impact on the Chinese economy. The severity of the impact on the U.S. economy didn't really strike me until the middle of March when the closures (including live CU classes) began.

Have things unfolded as you expected since March? Early on I was expecting a more V-shaped recovery. By the middle of April, it became obvious that there was so much uncertainty with the virus that a longer and slower path to recovery was likely. Since that point in time

we have seen some parts of the economy with a V-shaped recovery but other parts on a much slower path. The resurgence of cases wasn't a surprise for us since we have been following the medical side closely. One can argue whether we should have kept the economy closed longer, but the economic devastation was so vast that we anticipated states would reopen. Unfortunately that led to rollbacks in a number of states.

What is the most concerning aspect of this pandemic for you? The disproportionate impact on the people in our

economy who can least afford it. We knew before this happened that there were income inequality issues, but the nation had a 3.5% unemployment rate so most people needing a job could find one. The issue was whether that job paid a living wage. Now people once concerned about earning a living wage have the highest unemployment rates. The jobs lost have disproportionately impacted women and minorities, who have higher concentrations of employment in the most impacted industrial sectors.

Are there positive outcomes you foresee arising from this time?

We will know the actual answer to this sometime in the future, but I believe so. Some of the most impacted individuals will develop new skill sets which will hopefully raise their wages. We will use communications technology in more productive ways (increasing economic efficiency). The U.S. will invest more in medical research.

What are a couple of things people can expect from the U.S. economy moving forward?

Unfortunately, until a vaccine is found, the economy will continue to cycle with the number of new cases and the rate of increase or decrease. The fiscal stimulus has helped stave off what would have been a significant drop in consumption, but consumer and business confidence remain the keys. Until we get this under control, uncertainty, and therefore diminished

levels of consumption and investment, will rule the day.

That said, vaccines are not 100% effective so we will have to show that those infected can be treated successfully. Those changes will enable

likely obvious, are the replacement activities such as e-commerce for conventional retail and commercial groceries for restaurants. In addition, those companies that provide or support internet

IT WOULD BE A CATASTROPHE TO SUFFER THROUGH THIS EPISODE AND NOT HAVE HUGE POSITIVE IMPROVEMENTS AS THE OUTCOME.

more travel, less distancing and basically return us to economic efficiency levels seen before the virus or potentially even higher.

How many years of recovery could it take for the economy to rebuild?

This is of course the great unknown. My best estimate is three to three and a half years. If you assume a vaccine sometime in the first half of 2021, the full recovery will likely take until the second half of 2023. This timeline is based on the level of economic disruption COVID-19 caused and the extent of the recession. We should actually be on a reasonable growth path the second half of 2021, but when you consider how many displaced workers need to be retrained and how many failed businesses need to be replaced, you begin to see why it will take several years.

Are there areas of business that are performing better than others right now? A few areas, that are

technologies are thriving. Biological research is booming. Beyond those more obvious areas, however, there are others in high tech and defense that are doing quite well.

How has Boulder fared compared to similar cities during this time?

Based on the limited data that we can see at the city and county level, Boulder appears to be holding up nicely. A little lower unemployment rate, a decent retail sales bounceback, a lower concentration in leisure and hospitality employment and strong high tech and biotech sectors are a few of the reasons.

Any last thoughts? It would be a catastrophe to suffer through this episode and not have huge positive improvements as the outcome. If we don't have improved medical care, educational capabilities, technological efficiency and labor force skills, shame on all of us. INTERVIEW BY CHRISTIE SOUNART (JOUR'12). CONDENSED AND EDITED.



Re-creating the Hand

CU researcher aims to bring a sense of touch to amputees' hands

Humans do a lot of things with their hands: We squeeze avocados at the grocery store, scratch our dogs behind the ears and hold each others' hands. These are things that many people who have lost limbs can't do.

CU Boulder's Jacob Segil is working to bring back feeling to amputees' fingertips, including veterans of the wars in Iraq and Afghanistan. The biomedical engineer is an instructor in the Engineering Plus program and a research healthcare scientist at the U.S. Department of Veterans Affairs (VA).

"In my field, we have a gold standard, which is the physiological hand," Segil said. "We're trying to re-create it, and we're still so far off."

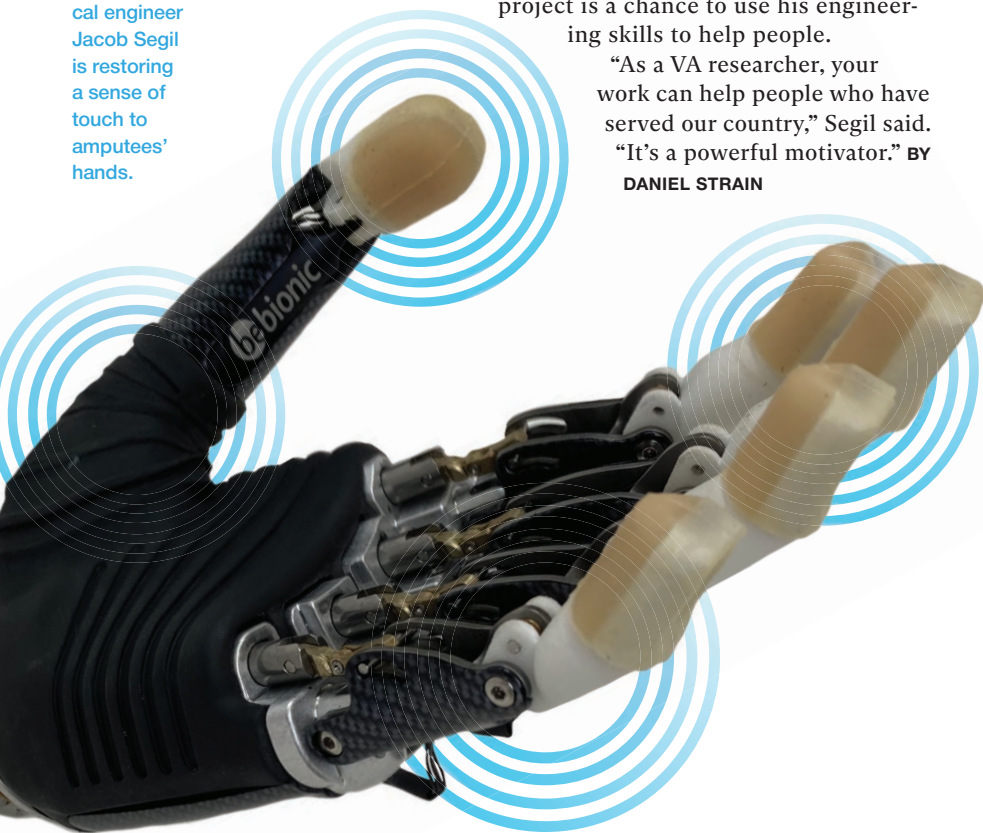
Far off, but closer than you might think. Segil is a participant in a long-running research effort led by Dustin Tyler at Case Western Reserve University and the VA. The team has used a unique neural interface and a series of electronic sensors to recreate a sense of touch for a small number of amputees who are missing their hands.

In a study published in April 2020 in the journal *Scientific Reports*, the group demonstrated just how effective this sensory restoration technology can be — helping one amputee experience his hand adopting a series of postures, such as a gesture resembling the thumbs-up sign.

For Segil, who recently received a \$1 million Career Development Award from the VA to continue his work in Colorado, the project is a chance to use his engineering skills to help people.

"As a VA researcher, your work can help people who have served our country," Segil said. "It's a powerful motivator." **BY DANIEL STRAIN**

CU biomedical engineer Jacob Segil is restoring a sense of touch to amputees' hands.



New Name for NFL's Washington Team

CU Boulder law professor helps champion the change

In July, after 87 years, Washington, D.C.'s professional football team announced a search for a new name and logo.

The NFL franchise, formerly known as the Washington Redskins, will assume the name Washington Football Team until a permanent name is chosen.

A Colorado Law professor helped make the historic change happen.

For over 15 years, Carla Fredericks, director of CU Boulder's American Indian Law Clinic, has campaigned for the name change, most recently as director of First Peoples Worldwide, a joint CU law and business program addressing the social and environmental impacts of development in Indigenous communities.

"I just remember seeing that mascot, and thinking 'that doesn't look like me,'" Fredericks told *CU Boulder Today*.

First Peoples Worldwide organized a group representing more than \$640 billion in assets and, on June 26, sent letters to the heads of the Washington team's sponsors, including Nike, FedEx and Pepsi calling on them to cease use of the name, deemed by the group to be racist, dehumanizing and inhibiting to Native people.

Days later, Nike pulled the team's apparel from its online store; July 2, FedEx publicly called for Washington to change the team's name. The franchise launched a review the next day.

"This is part of a much larger movement going on that Indigenous peoples are situated in, and it is a long time coming," Fredericks told *The Washington Post* in July. "I think that for anyone who is associated with the movement for racial justice this is a significant gain, and this is a significant moment." **READ MORE AT COLORADO.EDU/TODAY.**

A CU law professor had a hand in the name change for the NFL's Washington Football Team.



DIGITS

While in quarantine, CU Boulder professor of piano **David Korevaar** performed and recorded all of Beethoven's sonatas on his living room piano.

21

Years on faculty at CU Boulder

3.23.20

First sonata posted to YouTube

6

Weeks to complete the sonatas

10:19:00

Total playing time

32

Sonatas performed

17,621

YouTube views as of Oct. 8

2020

250th anniversary of Beethoven's birth

Cannabis and Pregnancy

Marijuana use during pregnancy has been linked to childhood sleep problems for up to a decade, according to a CU Boulder study, which is the first to suggest marijuana use can impact children's sleep long term. As legalization spreads, roughly 7% of pregnant women in the U.S. are using marijuana to help curb morning sickness. Lead author John Hewitt, director of CU's Institute for Behavioral Genetics, said, "This study is one more example of why pregnant women are advised to avoid substance use, including cannabis."

Teensy, Fast and Strong

Inspired by cockroaches, mechanical engineering assistant professor Kaushik Jayaram created one of the world's smallest, fastest robots, HAMR-Jr. Weighing less than a paperclip, the four-legged robot is roughly the size of a penny. It is able to carry 10 times its body weight and moves

about one foot per second. According to Jayaram, there are a lot of potential applications with HAMR-Jr., such as airplane engine inspections or human surgeries. "I want to build robots that can get out of the lab and run around like bugs," Jayaram said.

New Center to Advance Quantum Science and Engineering

With a \$25 million National Science Foundation award, CU Boulder is launching a new quantum science and engineering research center, led by physicist and JILA fellow Jun Ye. The center will partner with 11 other research organizations in the U.S. and abroad — including Harvard, Stanford and MIT — to create new technologies using advancements in areas related to quantum entanglement, quantum sensing and more.

"We're asking how we can take advantage of recent advances in quantum physics to actually solve useful problems for society," said Ye.

Heard Around Campus

"EVERYTHING ... CONNECTS BACK TO WANTING TO MAKE SURE THAT BLACK WOMEN IN PARTICULAR — [AND] BLACK PEOPLE IN GENERAL — GET TO PURSUE [THEIR] DREAMS IN THE DAYTIME, NOT JUST WHEN EVERYONE ELSE IS ASLEEP."

— Alicia Garza, co-founder of the Black Lives Matter movement, during a virtual panel for CU students, faculty and staff on Sept. 16.

ARTIFACT Old Main Bell

High Praise

"The University bell is a good one." *Boulder County News*, October 1877.

Manual No More

The current bell's clapper is controlled electronically.

Strong Bronze

All three bells have been made of bronze.

A Half Ton

This bell weighs 1,300 pounds.

Ohio Made

All three bells were cast in the Buckeye Bell Foundry by Vanduzen and Tift in Cincinnati, Ohio.

Third Time's the Charm

Three bells have hung in Old Main:

- Bell 1, 1877–1926
- Bell 2, 1926–1928
- Bell 3, 1928–present

Saving the Bell

Campus lore says the first bell cracked following a football victory over Colorado School of Mines in 1926. Others claim it happened during the off-season.

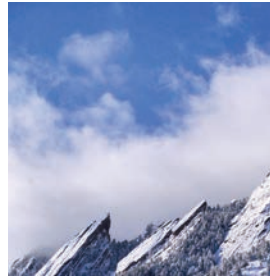
Regardless of how Old Main's 1,300-pound bronze bell cracked, it was replaced by a new one, and the original university bell was stored in the Carlson Gymnasium on campus for safekeeping. For a little while, anyway.

In 1948, Mines students stole the bell, claiming it belonged to their school. They buried it in a clay pit near Golden, Colorado for two years before returning it with an addition — a carving of a large, thin "M."

The bell was permanently relocated to the Heritage Center on the third floor of Old Main in the 1980s after spending years in the basement of Macky Auditorium.

The second bell lasted only two years — witnesses reported it definitely cracked after a CU football victory — and was replaced in 1928 by the bell that remains functional in Old Main today. You can hear it ring during commencement and other special occasions.

LOOK Colors of Campus



CU in Color

Year round, CU Boulder is alive with color. Its vibrant hues evoke nature, beauty and serenity — a deep maroon on a building's roof, the brilliant gold of fall foliage, forest greens cloaking the campus pines. We want to know: When you think of CU Boulder, what colors come to mind? Email us at editor@colorado.edu.

RUN WITH US



NOW IS THE TIME TO RUN WITH THE BUFF CLUB!

CU Athletics averages nearly \$13M dollars in scholarship expenses annually for the nearly 350 student-athletes of CU Boulder!

Every dollar raised in philanthropic support for scholarships frees up valuable resources that can be invested in the academic and athletic achievements of CU student-athletes like Psychological Health and Performance, Leadership and Career Development, and programmatic support.

First and foremost, our student-athletes are students first. Whether it is a 5-year pledge to become a member of the Scholarship Donor Program or a donation to the Golden Buffalo Scholarship Fund, our student-athletes need your support!

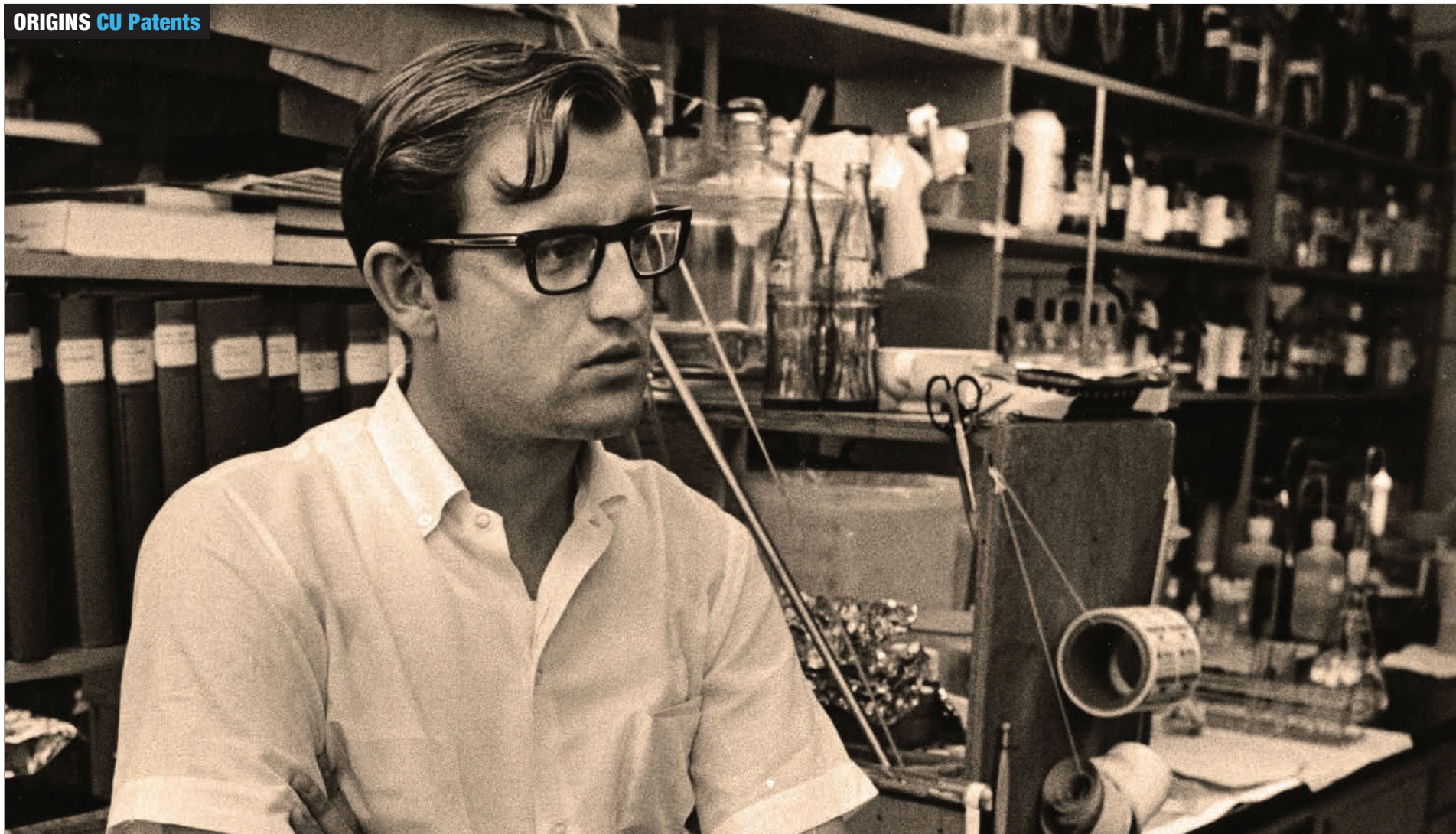
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Patent for Human Health

In 1954, solar energy pioneer and CU Boulder engineering professor George Löf was granted patent US2680565 for a solar heating apparatus and method. It was the first patent associated with the university.

Nearly 30 years later, CU received another inaugural patent. This one helped change the course of global human health.

Patent US4415732, filed in 1981 and granted in 1983, was CU's first patent following the 1980 Bayh-Dole Act, which allowed universities to hold patents for federally funded inventions. Distinguished chemistry and biochemistry professor Marvin Caruthers — who remains on CU's faculty — and research chemist Serge Beaucage — now chief of the FDA's Laboratory of Biological Chemistry — were co-inventors on the patent, which helped pave the way for Amgen, now the world's largest independent biotechnology company.

"There was never any doubt that my life's work would somehow be involved with one of the natural or biological sciences," wrote Caruthers in the *Journal of Biological Chemistry*.

"Phosphoramidite Compounds and Processes" patented a new class of nucleoside phosphoramidites, a chemical that allowed scientists to create short DNA or RNA sequences in the lab. These synthesized sequences — called oligonucleotides — helped initiate research on bacteria, human growth hormones, DNA testing and more.

Caruthers' work involving oligonucleotide synthesis, along with other prominent DNA sequencing research of the time, jumpstarted the now multi-billion-dollar biotechnology industry.

While continuing his research at CU Boulder, Caruthers co-founded both Applied Biosystems — which sold protein sequencing and DNA synthesizing instruments — and Amgen, which focused on genetic engineering in the early 1980s.

In addition to his responsibilities at CU, Caruthers directed a group of Amgen scientists in Boulder to synthesize DNA for treatments to help the critically ill. One such treatment helped patients with severe kidney disease. Another greatly reduced infections associated with chemotherapy.

Today, Caruthers maintains a small research group at CU and focuses on humanitarian interests including the development of new chemistries for the treatment of rare and fatal genetic diseases. The revolutionary days of the '80s still stay with him.

Said Caruthers: "In my laboratory, basic research is always a co-operative activity involving many colleagues. This patent is an example. Several, in addition to Beaucage, improved and modified the chemistry so that today, almost 40 years later, these methods for chemically synthesizing DNA and RNA remain state of the art." **BY CHRISTIE SOUNART**

Above: CU distinguished professor Marvin Caruthers as a postdoc in famed biochemist Har Gobind Khorana's MIT laboratory.

Beyond a Moment, a Movement

Against the backdrop of the Black Lives Matter movement and widespread protests for racial justice, six Forever Buffs — students and alumni — share deeply personal stories about systemic racism and injustice on and around campus and illuminate pathways forward. Three are published here, and all six appear online accompanied by audio recordings of the essayists reading them aloud.

As contributor and president of the Black Student Alliance **Ruth Woldemichael** (IntlAf'22) says, “I’m dreaming of a time when this does not have to be the next generation’s fight.”

Visit colorado.edu/coloradan to experience them all.

— Maria Kuntz, Editor



Shamika Goddard (PhDInfo-Sci'24) founded the Tech Chaplaincy Institute. Read her essay at colorado.edu/coloradan.

That Could Have Been Me

Obinna Onyeali

The murder of Elijah McClain triggered me more than I ever thought possible. It made me feel the same anxiety I felt 16 years ago as a freshman at CU Boulder. I come from a diverse community in Aurora, Colorado. I grew up in a loving and nurturing, traditionally African household. My parents taught my sister and me to respect that which is different from you as it is part of our existence in this world. At Gateway High School, I began cultivating my cultural networks and identity. The acknowledgment of varied cultures, styles and languages were held in the highest regard amongst students and staff. As a first-generation Nigerian I never felt that I did not belong. I truly felt seen and heard.

My experience at CU Boulder changed that. Attending CU was a culture shock. It was the first time in my life that I was the only Black student in my classroom. It was the first time I felt all eyes were on me everywhere I went. Honestly, I only felt comfortable with the community I found in the Black Student Alliance (BSA) and African Student Association (ASA). We created a safe space. We felt safe in the BSA and ASA office in the UMC, and even at the number of tables we commandeered and called Chocolate City. At Chocolate City we studied, played cards and listened to music. We formed ties that felt familial. We became each other's network of support through the good and the bad.

Therefore, it was especially hurtful — and honestly terrifying — when we received racial threats through the BSA office and one of our sisters received racial death threats and hate mail. This thrust us into what seems like years of student protests. I spent the majority of my time at CU split between my studies and my activism; I wanted to create a space at CU Boulder that was safe for me, my friends and for those who would follow us.

It was a hard fight. I was thrust into an era of change against systemic

racism. It was difficult to be a Black student in a predominately white space, so I joined the BSA and ASA leadership teams and the Arts & Science Student Government — catapulting myself into student activism. Who knew that I would have to fight for my freedom while enhancing my education?

As the president of the BSA, I joined committees and task forces and attended meeting after meeting after meeting, intending to make the university administration recognize the pain and anguish the student body was facing while on their self-discovery journeys. We fought to have a seat at tables that were not inherently welcoming.

It's crazy — 16 years later — we are up against the same issues. I am thinking about the same traumatizing things I thought I could forget and move on. Not that I feel my time for activism is over — rather, a natural change of the guard has taken place. I was once the young people, so I unapologetically support them and love them, and I understand them on a spiritual level.

The young people protesting have my undying support because I know how they feel. I remember what it was like to begin the journey of self-discovery while simultaneously fighting to be seen as worthy. I was Elijah McClain — a young vibrant, dream chasing, fun loving, ambitious young Black man just trying to live. His life was tragically stolen by hate. That could have been me.

As I continue on my journey of life, I look forward to further curating spaces for others to have the opportunity to create their personal narratives and share their story with the world.

Obinna Onyeali (Comm'09) is the past president of CU Boulder's BSA and the current co-president of the Forever Buffs Black and African American Alumni Club. Since graduation he has worked at CU, the Daniels Fund and the Denver Scholarship Foundation helping students and scholars to navigate higher education.





A Blessing and a Curse

Paris Ferribee

CU Boulder was a blessing and a curse. A blessing because I was gaining an Ivy-League (public) education. I was learning new ways of thinking from globalized professors. I was becoming equipped to be a “Forever Buff” — an alum who represents tradition, passion and influence.

At CU I was hyper-involved. I maintained two jobs, was president of Black Student Alliance, earned three majors and two minors, was treasurer of Delta Sigma Theta Sorority, Inc., sat on the Chancellor’s Committee for Diversity & Inclusion and did a stint on CUSG’s finance committee. But what if I hadn’t pressed myself to stay dedicated despite my race?

CU was also a curse. An ideal student on paper, my reality was perplexingly different. According to CU’s Diversity Reports, in 2012 — my first year on campus — 391 Black undergrad students enrolled at the university. In 2019, that number had only increased by 0.04%.

Imagine being a part of what Regent Carrigan deemed a “blemish” on CU’s campus. I was a part of one of the smallest racial communities, which was not easy. I can count on one hand the BIPOC friends I met at, and who graduated from, CU. I’d been egged, called racial slurs, was wrongly arrested and immediately released. I was stopped by police to “gut check” the vehicle that I OWNED. It was gruesome.

I was exhausted, anxious, fearful. I learned to survive in a world that situated me in last place and to endure a system and its institutions that forced me to work harder, smarter. I maintained the ability to love and transmuted negativity into passion.

Graduating in 2017 was one of the best moments of my life. I attended every gloomy, cold commencement ceremony before mine... but the 2017 ceremony was magic. It was a beautiful clear-skied summer day. All the work had paid off. At least I thought it had.

These last few months prove the importance of advocating for #BLM at the local, national and global levels. I don’t want future generations of Black students to endure what I endured. They deserve to be at CU. I’m saddened students of color are fighting the same battles my peers and I fought.

They deserve all of the fun, carefree adventures their white classmates experience.

I’m scared for myself, my friends and family. We can’t run outside, ride bikes or grocery shop without the possibility of being murdered in broad daylight — simply for being Black. My credentials don’t matter in a world where I don’t matter. The fact is: I’m a disposable Black woman in America.

What can you do about it? Pandemic or not, get uncomfortable. Breonna Taylor’s, Elijah McClain’s, Sean Reed’s [#SAY-THEIRNAMES] murderers are working and leading normal lives. Posting a black square to Instagram isn’t enough.

Engage in dialogues with colleagues or family members around the current state of our democracy. Sign petitions, make some calls and send emails! Contribute to bail funds. Educate yourself! Support local Black-owned businesses! Volunteer digitally. Lobby. Donate. Share info! VOTE! Support your former student groups. Join your company’s Black employee resource group. Be persistent and stay abreast of changes within your industry, company and at your alma mater that directly impact BIPOC communities.

As CU alumni, we have a duty to exemplify what it means to be inclusive, global citizens. I am honored to align with the current co-presidents of the Black Student Alliance, **Ruth Woldemichael** (IntlAf’22) and **Olivia Gardner** (EthnSt, WomSt’20), who urged Chancellor DiStefano to demonstrate his commitment to this work by critically analyzing the budgeting of both the Boulder Police Department and CU Police Department.

How will we set the precedent for future generations of Black, Indigenous and people of color (BIPOC) students and alumni who deserve to thrive at CU, in their careers, and as American and universal citizens?

Paris Ferribee (Comm, Mktg’17) is an advocate for underrepresented communities (POC and Womxn) in the entertainment industry. During her time at CU Boulder, she was the president of the Black Student Alliance, winner of the 2015 Forever Buffs student award and held numerous campus jobs and leadership roles.

An American Reckoning on Race

Philip S. Hart

My parents moved to Denver in 1940 from Kansas thinking it was a good city to raise a family — despite the Ku Klux Klan presence exemplified by five-term Denver mayor Ben Stapleton, a member of this white supremacy group. Growing up in the 1950s and 1960s, Denver's Black community was segregated in Five Points. Racism was less intense than in St. Louis or Kansas City, but it always lurked around the corner.

Having been quarantined at home in Los Angeles since March 11 due to the COVID-19 pandemic, I have had ample time to think about growing up in Denver and going to college at CU. The murder of George Floyd, which set off a massive protest movement in this nation and abroad, took me back to Aug. 11, 1965.

Approaching my senior year at CU, I was completing my third summer working as a mailman. I was walking along Stout Street to hop a bus home to Northeast Denver when a white newspaper vendor running toward me shouted, "This is the United States of America! This can't be happening here!" The newspaper headline was about the rioting in Watts, a Black neighborhood in Los Angeles. "The Negroes are rioting" blared headlines across America. From 1965 to 2020 the story remains the same.

In quarantine, I've realized in addition to a COVID-19 virus vaccine, we desperately need a vaccine for the virus of racism, COVID-1619. Africans were brought in shackles to Jamestown, Virginia, in 1619 and racism and white supremacy have guided the country's evolution since then.

Along with racial protests there are energetic calls from across the business world and many communities to support Black business. But supporting Black businesses today is not enough. It's time that the country, the business world and yes, universities, right the wrongs of the past with reparations.

Japanese Americans received reparations after WWII to acknowledge the harm done when the U.S. government confined them to internment camps and forcibly took their homes and businesses. In 1988,

40 years after the camps closed, President Reagan signed the Civil Liberties Act offering a formal apology and \$20,000 to each Japanese American survivor.

According to a recently commissioned reparations case analysis by BET founder Robert Johnson, America's first Black billionaire, each of the 40 million African Americans in the U.S. are owed \$350,000, for a total of \$14 trillion.

In addition to reparations from the federal government, if universities that benefited from slavery, including Yale, Harvard, Princeton, UVA, Georgetown and Wake Forest, allocated 1% of their 2019 endowment funds for reparations purposes, \$1.05 billion would be available — annually — as a higher education reparations fund. Similarly, corporations like the 334-year-old Lloyd's of London that benefited from the Atlantic slave trade could devote 1% of their annual market capitalization to create corporate reparations funds.

In 1991, a video camera captured white police officers beating Rodney King. In 2020, iPhones captured George Floyd's murder by a white police officer. We have advanced in technology, but not in terms of addressing racial violence and police brutality aimed at Black Americans. To this end, just as we witness radical changes in the world of technology, let's challenge ourselves to take radical steps in order to eliminate racism and white supremacy in American society.

As Dr. Martin Luther King Jr. stated at the 1963 March on Washington, "I look forward to the day when my children will be judged by the content of their character, not by the color of their skin." What a revolutionary idea whose time has finally come. The three R's: racism, redemption and reparations, define this American reckoning on race.

Philip S. Hart (Soc'68) is a member of CU's Distinguished Alumni Gallery, civic leader, educator and award-winning author and documentarian who studies the history of Black aviators in the U.S. He and his wife created the PBS documentary *Dark Passages: The Story of the Atlantic Slave Trade* in addition to numerous books and movies that examine Black history.



LIVING BUILDINGS

Wil Srubar imagines a future in which buildings will come alive.

The materials that make up houses, or even much bigger buildings, will grow and multiply. They'll heal their own cracks, suck toxins out of the air and glow on command. Constructing these biological structures will also generate much less carbon dioxide than today's corpse-like skyscrapers or office towers made out of concrete.

That future may be a long way off, but Srubar, an assistant professor in CU Boulder's Department of Civil, Environmental and Architectural Engineering

CU BOULDER'S WIL SRUBAR WANTS TO CREATE BUILDINGS THAT GROW, FIX THEMSELVES AND CLEAN THE AIR. HE'S FOUND THE BACTERIA TO GET STARTED. BY DANIEL STRAIN

(CEAE), is working to make it a reality.

"We already use biological materials in our buildings, like wood, but those materials are no longer alive," Srubar said. "We're asking: Why can't we keep them alive and have that biology do something beneficial, too?"

In January, he and his colleagues published a study in the journal *Matter* that described their strategy for making living bricks — largely by tapping into the potential of single-celled organisms. The effort also included CU Boulder assistant professors Jeffrey Cameron,

of the biochemistry department, and Sherri Cook and Mija Hubler of CEAE.

The group experimented with a type of cyanobacteria. The researchers discovered that they could mix their microbes into a solution of sand and gelatin and, with a few tweaks, nudge them to produce calcium carbonate. The result was a brick so hard you could step on it without breaking it.

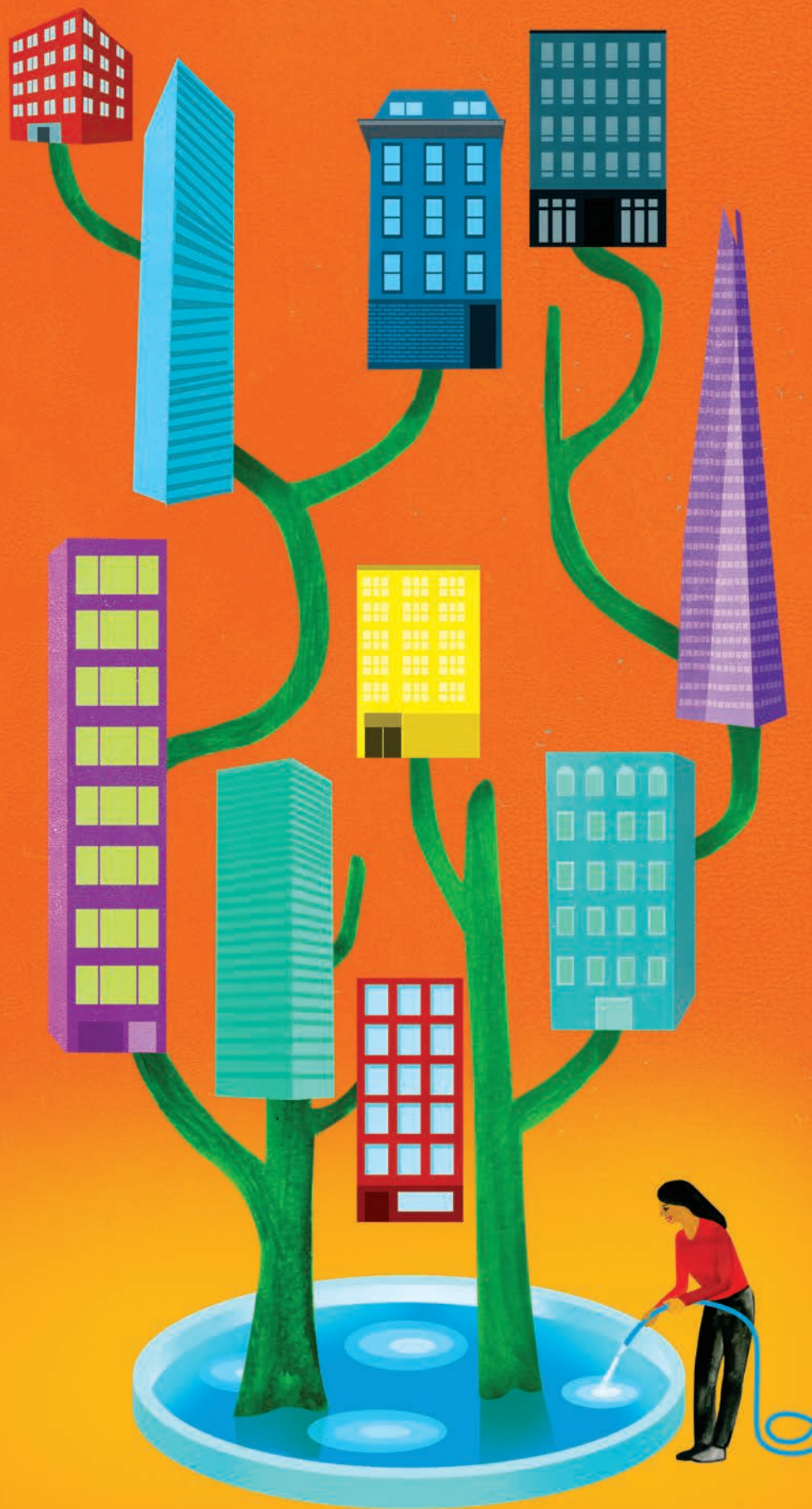
"It's a lot like making Rice Krispies treats, where you toughen the marshmallow by adding little bits of hard particles," Srubar said.

These living bricks can also reproduce under the

right conditions. The group found that if they chopped one of their bricks in half, they could use each chunk to grow a brand-new brick.

While there is still a lot of work left to do, Srubar hopes that one day suppliers could mail out sacks filled with the desiccated ingredients for making his living bricks. Just add water, and people on-site could begin to grow and shape their own microbial homes.

"Nature has figured out how to do a lot of things in a clever and efficient way," Srubar said. "We just need to pay more attention."



Empty Campus

RA recounts life at CU during a global pandemic. BY EMILY HENINGER



The days had a rhythm to them. Wake up, read. Watch a recorded lecture, study, pick up dinner. Go for a walk around a nearly empty Norlin Quad. FaceTime a friend.

But life definitely was not normal.

Joris Alawoe (PolSci'22), from Denver, was one of about 600 CU Boulder students who continued living on campus during the first months of the coronavirus pandemic, when most of the student body returned home to continue their studies online.

"Normally I live with guardians, but they were in close contact with their parents, who are fairly elderly," said Alawoe, 21, who was a resident advisor (RA) in Sewall Hall. "That made going back home actually not a possibility."

As COVID-19 rapidly spread through Boulder and the U.S., mid-March became a blur of cancellations and closures. Alawoe had made his decision, though. When the campus announced classes would be fully remote starting March 16 — a week before spring break — he helped other students move out and handled his RA duties in a rush of activity.

And then — the quiet set in.

In Sewall, Alawoe had an entire floor to himself. After months of dealing with frequent 3 a.m. knocks on his door, he was grateful, at first, for the total silence. But the novelty wore off quickly.

"Campus was weird," he said. "Melancholy — there was that feeling on campus. But there was also this feeling of tranquility."

Eventually, as the campus consolidated its services and residence halls, Alawoe moved to Baker Hall and fell into a routine.

Noon to 5 p.m. became his work time, when he would watch online lectures or study. Meal times were his "people-seeing times," he said, when he would venture from his room and spot other students grabbing packaged takeout food from the Center for Community.

"It's not like you could really even talk to anyone," he said, "but you were still seeing people."

After dinner, he would go for a walk or call a friend.

In some sense, being on campus helped Alawoe maintain a sense of structure. "When I'm back home, I'm not really in that school mindset," he said. Being on campus helped remind him that school was still going on.

Despite the strangeness, Alawoe grew to appreciate the solitude.

"I FaceTimed my friends a lot, so that's probably what helped," he said. "But it was definitely lonely."

Julia Hooten (SLHSci'21), who also stayed on campus, created a quarantine bubble with several friends in Willard Hall. She found solace in leaning on that community.

"So much was scary and unknown, and it was comforting to be able to spend time with the people I was in quarantine with," she said. "When so many things were up in the air, I had people who I could count on and they could count on me."

As other schools around the country shut down their campuses completely, CU Boulder prioritized staying open — and safe — for students like Alawoe and Hooten.

"CU Boulder is both an institution of higher learning as well as a local community," said Chancellor Philip P. DiStefano in March. "To many of our residents, this is their only home. We have hundreds

of students and employees who live here full-time, rely on our services and do not have the option to leave. Because of this, our campus will remain open to serve the many needs of our community."

Even with a robust system of support, campus was a quiet, sometimes lonesome place. But that left room for moments of clarity.

During a regular semester, Alawoe feels so busy that he doesn't have much time for reflection, he said. But the shutdown gave him space to ask questions about himself, his society and his path in life.

"It forced me to really ... sit down and ask those hard questions, like who am I? What am I trying to do?" he said.

He also learned how to get comfortable with uncertainty — perhaps the defining feeling of the pandemic.

"Right now we don't know when we'll get that [certainty] back," said Alawoe, who is living off-campus with his freshman roommate in central Boulder for the 2020 fall semester. "And that's okay. But we *will* get it back."

One thing's for sure: Alawoe will remember the experience forever.

"History isn't just something you read. We're living it."

The days had a rhythm to them.

The Making of Silver and Gold

The top-floor terrace of the CASE building offers a moment of solitude, unobstructed Flatiron views and a friendly presence — a magnificent bronze buffalo named Silver and Gold. The statue, created by Denny Haskew in his studio in Loveland, Colorado, has quickly become a must-see for visitors and campus residents alike. The sculpture joins a host of other buffalo sculptures on campus, including the iconic grazing bison outside of Folsom Field.

90

-ton crane installed the sculpture on the third-floor terrace of the CASE building May 9, 2018.

The artist studied 3

herds of buffalo in northern Colorado and Wyoming for the piece.



900

approximate weight in pounds of the sculpture.



41,421

campus tour participants — prospective students and their guests — saw the buffalo in 2019.

Beginning in June 2017, the sculpture took

4

months to complete.



The statue is about

3/4ths

the size of a full-sized male buffalo.





The university is adjusting to protect students during the COVID-19 pandemic **BY ULA CHROBAK**

During the initial days of school this August, **Julia Beattie** (MechEngr'22) of Centennial, Colorado, briefly visited campus. It was peaceful, but the usual back-to-school commotion and energy was drastically muted.

"I'm excited for it to someday get back to the bustling campus it normally is," said Beattie, a junior.

For now, a physically distanced CU Boulder is the norm.

Over the summer, facilities staff met daily to hash out how to maintain the space, sanitation and ventilation needed to reduce the risk of COVID-19 transmission to students, faculty and staff.

"How do we make sure we provide a meaningful experience, and how do we do that safely?" said David Kang, CU's vice chancellor for infrastructure and sustainability.

In CU's hybrid model of study, students may take both remote and in-person classes. They wear masks on campus. Upon entering a classroom, students are greeted with a sanitizing wipe station to sterilize their hands, personal items and seat. Inside lecture halls, most chairs remain empty.

Capacities across campus are down by 70 percent or more, said Kang. The CHEM 140 lecture hall, for instance, normally fits 491 — now, only

41 students at a time are allowed for instruction. For some classes, a portion of enrolled students attend the lecture in person on a given day, while the rest tune in for a live stream. Some classes are fully remote.

Returning students and faculty members have been adapting since March, while new students are learning the ropes.

"Done with [the] first Zoom class of the semester," tweeted CMCI assistant professor Jed Brubaker the second day of class. "Students were so nice! They were engaged, interested and ready to learn. In 75 [minutes] I've shifted from terrified to ecstatic!"

The whirring HVAC systems are working overtime. Over the summer, facilities staff upgraded the ventilation systems to ensure frequent air replacements. In naturally ventilated buildings, stand-alone units circulate air through filters fine enough to capture virus-laced respiratory droplets.

After a morning classroom lecture, a student might head to one of the many open-air tents that have sprouted up across the campus and log in to their next class — an online course. On their way, they don't shoulder through the usual crowds. Passing periods are now longer. The day is also longer — classes are held from 8 a.m. to 10 p.m.

Some lectures take place outside traditional classrooms. Spaces now reserved for teaching include the Glenn Miller Ballroom, conference rooms and hotel meeting spaces near campus.

At mealtimes, students order their dining-hall food ahead of time through an app or stop by to pick up ready-made meals, and eat outside. Throughout campus, signs remind students to "Protect Our Herd," including by standing one buffalo-distance apart.

"It's building culture," said JT Allen, director of facilities for housing and dining services. "It's this ongoing discussion of taking personal responsibility and responsibility for your fellow Buffs."

In lieu of holding office hours in their offices, professors can opt to meet students under the tents or in larger indoor spaces. Many university staff in customer-facing roles work behind plexiglass, and many more work from their homes.

Before moving into the residence halls this August, every student living on campus was tested for COVID-19, either within five days prior to arrival or upon arrival using CU-provided options. Students are also cohorted based on their academic college and are screened weekly for the virus using a saliva test developed by CU researchers.

"We are laser-focused on making sure the fall hybrid model is safe," said Kang.

The science and severity of the pandemic is constantly shifting, and Kang acknowledges the need to be flexible. Facilities staff meet daily to discuss updates to COVID-ready procedures as guidance, science and policy related to the virus evolve.

From Aug. 24 to Oct. 7, the university reported 1,097 positive results for COVID-19 from diagnostic testing through CU Boulder Medical Services. As of printing, the campus planned to resume in-person and hybrid teaching Oct. 14, following a period of remote-only instruction that slowed the spread of the virus.

In August, **Beatriz Sanchez** (A&S'24), an incoming freshman from Boulder living in Stearns West residence hall, expressed both excitement and nervousness about the semester.

"I think it's important that we all practice safe social distancing, especially at a college of this size," she said. "We are already sad about our [high school] senior year, and we are doing all that we can to preserve the little milestones that we have in life."

COVID-19 numbers and campus operations are accurate as of print on Oct. 7.



STRONGER

TOGETHER

MARCO AND WHITNEY URIBE MET IN THEIR CU RESIDENCE HALL IN 2008 AND HAVE BEEN A COUPLE SINCE. MARCO'S ASPIRING CAREER AS A PHYSICIAN HAS MOVED THEM ACROSS THE COUNTRY, INCLUDING TO A NEW YORK CITY HOSPITAL WHERE HE FOUGHT COVID-19 HEAD-ON.

BY CHRISTIE SOUNART

The beeping was constant.

In the chaos of rushing between ICU patients and making critical decisions on the spot, calls flooded **Marco Uribe's** (Soc'12) pager.

People desperate for an update on their mother, father, spouse. Needing to know — unable to see or speak to them — their conditions.

Marco had to explain on the phone to families that their loved one was dying from the COVID-19 virus, sometimes being forced to ask if their ventilator could go to someone else with a higher probability of surviving.

One shift, he became overwhelmed. He slipped into an empty room in the Jacobi Medical Center in the Bronx, New York, to call the person he needed to speak to most — his wife, **Whitney Lewis Uribe** (Jour'12).

"I remember him calling me completely shaken, asking, 'How do I even

ask a family to answer this question?'" Whitney said.

Marco added, "Many nights I stay up thinking about those conversations with families."

It was March 2020 and Marco was three months away from completing his first year of residency through the CU School of Medicine's advanced anesthesiology program. The residency includes three years of specialized training after completing an intern year. CU assigned Marco to a hospital system in the Bronx for his intern year, which began in June 2019.

"New York was definitely a surprise for us," said Whitney.

But as the pandemic ripped through the city, the couple realized they were exactly where they were supposed to be. New York was an experience to learn, grow and lean on each other — just as they had for the past 12 years.

HALLETT HALL

Marco and Whitney met in August 2008 during freshman move-in day at CU Boulder. Marco was coming from Austin, Texas, to start a pre-med track, and Whitney from Steamboat Springs, Colorado, to study journalism. They were on the same floor in Hallett Hall.

“We both caught each other’s eye,” said Whitney.

When Marco’s mom and sister, Marisa, came to visit for Homecoming, he solicited Marisa to invite Whitney to join them at a family tailgate — and 13-year-old Marisa was very insistent.

“The litmus was how Whitney interacted with my little sister, who had special needs,” Marco said. “When I saw that she treated Marisa with love and respect, I knew she had a big heart.”

As their relationship developed, Whitney learned how special Marisa was and how much she meant to Marco. Doctors diagnosed her with brain cancer as an infant, and the chemotherapy and radiation she underwent until age 5 stunted her neurological development and altered her hormonal balance.

“She had an extra big capacity to love everyone around her,” said Whitney.

“She was my reason to go into medicine,” Marco said.

MED SCHOOL

After graduating from CU in 2012, Marco applied to medical schools while he skied, fly-fished and waited tables in Colorado. Whitney moved to Los Angeles to work for an entertainment production company. They dated long-distance.

In 2013, Marco was accepted to medical school at the University of Texas Health Science Center San Antonio. After a year and a half, Whitney joined him in Texas to work in the nonprofit sector. They were engaged near the Flatirons during a trip to Boulder in 2015, which is where they had their first date.

In Marco’s second year of medical school, Marisa was diagnosed with colon cancer. The couple put their lives on hold to spend time with her. She died in September 2016 at 21 years old.

“We leaned on each other a lot during that time,” said Whitney. “We grew closer.”

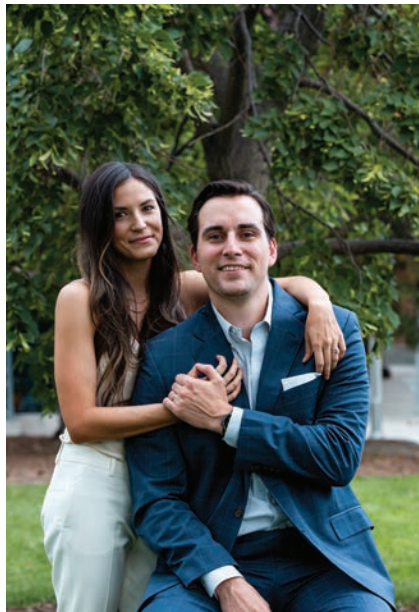
Focusing on his studies was “a serious challenge” during that period, Marco said, but after some time off and

Whitney’s support, he continued with medical school.

Marco and Whitney married in July 2017 in Steamboat Springs. Two years later, Marco graduated and pursued residency options. CU’s advanced anesthesiology program at the Anschutz campus was his top choice.

“Anesthesia really came to me,” said Marco. “When Marisa was really sick, an anesthesiologist gave her an epidural catheter which greatly helped in managing her pain so we could spend quality time together. It gave me some of the most cherished time with my sister.”

After Marco was accepted into CU and subsequently assigned to New York, the couple — both 29 years old at the time — rented a 500-square-foot apartment in Manhattan and moved in with their 65-pound wirehaired griffon, Rooster.



MARCO AND WHITNEY MET IN AUGUST 2008 DURING FRESHMAN MOVE-IN DAY.

Whitney volunteered for a childhood cancer research organization and trained to get her certification in Pilates. Marco worked in the general surgery department at a hospital system in the Bronx, where many units were understaffed and overwhelmed before the pandemic.

“It was sink-or-swim kind of training,” Marco said.

THE COVID TIDAL WAVE

Marco first heard of COVID-19 in December.

“It was something we knew was out there but hadn’t been completely stud-



IN MID-APRIL, MARCO, TOP, SECOND FROM LEFT, WAS FEATURED ON CBS NEWS WHEELING A RECOVERED COVID-19 PATIENT OUT OF A NEW YORK CITY HOSPITAL.

ied. There didn’t seem to be anything concrete,” he said. “In January it became more of a discussion.”

In February things seemed different.

“I’d go to the emergency department and ask colleagues, ‘What do you think of this COVID thing? Are we prepared?’” Marco recalled. “They said it’s coming and it’s going to hit us like a tidal wave.”

Marco prepared to dive in.

“I remember the day when he came home and he said this is going to be really hard and a lot of people are going to die,” Whitney said. “I stopped watching the news. I needed to match his fearless energy because he was now going to be seeing this firsthand.”

Marco volunteered to work in his hospital’s ICU doing critical care for COVID-19 patients. He started work at 5:30 a.m. and sometimes wouldn’t return home until 9 p.m. or later. Whitney remembers giving him protein shakes often as he was too exhausted to eat.

“Eight hours of sleep minus the commute time wasn’t a lot, but it was worth going home,” Marco said. “I would change out of scrubs in the hallway, take my shoes off, put those scrubs in a bag, go straight to the laundry and take a shower.”

By the end of March, the entire hospital and every ICU floor was overflowing, and ventilators were running sparse. While attending physicians frantically tried to

obtain supplies, staff and space for dying patients, the residents helped run the ICUs.

“I quickly learned how to serve my patients as a critical care physician,” Marco said.

Whitney helped him create talking points for difficult conversations with families.

Despite it all, Marco knew he was where he was supposed to be.

“This is why we go into medicine,” he said. “This is our call.”

In mid-April, Marco — wearing a CU Boulder lanyard — was featured on CBS News wheeling a recovered patient out of the hospital to his family.

“I would have wanted to be in the fight whether or not I was in New York,” Marco said. “The fact that I was there by luck — I thank God for the experience.”

RETURN TO COLORADO

At the end of June, the couple moved from New York to a historic house in the Berkeley neighborhood of Denver.

“Every time we move to a new city it feels like a new chapter,” Whitney said. “We trust what is in store for us, good or bad.”

Whitney sought out an advertising position and is continuing her volunteer work in childhood cancer research. In July, Marco began the second year of his residency at CU’s medical campus, focused once again on anesthesiology.

But, he added, “We’re excited for whatever could come next.”

They pop up like dandelions each election season, adorning neighborhoods with colorful displays of allegiance to candidates and causes.

On occasion, we hear media reports of “yard sign wars” in which thieves make off with them in the night or vandalize homes displaying them.

New University of Colorado Boulder research suggests that most of the time these centuries-old mainstays of political participation are actually good for democracy, providing ways to show solidarity with neighbors when we agree and sparking (usually) civil dialogue when we disagree.

“Putting up a yard sign is not like posting a comment on Facebook or saying something to your colleague at work. It is a very unique act,” said Anand Sokhey, associate professor of political science and co-author of the book *Politics on Display: Yard Signs and the Politicization of Social Spaces*. “It is tying you and your identity and what you support to a specific place and putting it out there in a way that can be pretty confrontational.”

To better understand why people take this risk and how it shapes their neighborhood culture, Sokhey and co-authors Todd Makse, associate professor at Florida International University, and Scott Minkoff, assistant professor at SUNY-New Paltz, spent years cruising neighborhood streets to plot signs and interview residents.

Then they overlaid their observations with geo-coded demographic and election data.

The decade-long project included 30,000 households across four elec-

tions and three research sites — two in Ohio, one in Broomfield, Colorado — to provide unprecedented insight into a seldom studied facet of American politics.

As many as one in five people display a yard sign (about as many as use Twitter).

Men, white people, high-income individuals, families without kids and churchgoers are most likely to put up yard signs, as are — not surprisingly — extroverts, ideologues and partisans.

Those who stumble upon the signs report intense emotional reactions, with one in five saying they make them anxious, one-third saying they make them proud and one-fourth saying they make them angry, the researchers found.

Contrary to the popular narrative of neighbors one-upping one another with opposing signs along property lines, most respondents said they display signs in solidarity with like-minded people, rather than in defiance of those they oppose.

Even in the most heated of elections, like those in 2016 and 2020, two-thirds say they would still interact with a neighbor displaying a sign for the opposite candidate. In many cases, the signs even spark productive conversations — a stark

contrast to the often toxic exchanges on social media.

The million-dollar question: Do yard signs work to get candidates elected?

Probably some, Sokhey said. “They can promote name recognition and turnout and may help a candidate get a couple of extra percentage points.”

Amidst the pandemic and people spending more time in their neighborhoods, earlier this year Sokhey suspected yard signs might be even more salient in the 2020 election cycle.

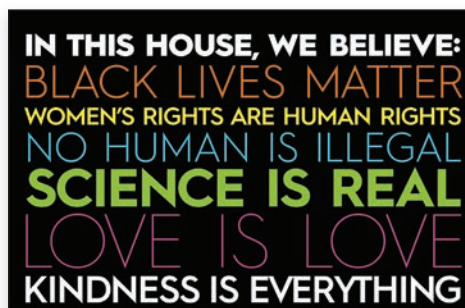
People are also using yard signs to demonstrate support for social and political movements such as Black Lives Matter and Science Is Real.

“There is something very powerful about putting a sign in your yard and saying this is who I am and this is what I believe,” said Sokhey. “People remember these things about their neighbors.”

One downside: For those who don’t want to engage in politics, it’s hard to get away from a sea of signs on your street.

Rather than bristle at those you disagree with, he proposes a different way of looking at it:

“Would we really want a situation where people are just not engaged?” he asked. “At least they care.”





FAKE NEWS

Those on the ideological fringes spread most of it, but in the end it hurts us all. By Lisa Marshall



“Pope Francis shocks world, endorses Donald Trump for president!”

“WikiLeaks confirms Hillary sold weapons to ISIS!”

“Ireland now officially accepting Trump refugees from America!”



In the run-up to the 2016 presidential election, such patently false headlines spread like wildfire across social media, ignited by fake news sites or hyper-partisan blogs.

A few decades ago, such stories would have been shrugged off as satire or dismissed by discriminating journalists. But with the gatekeeping apparatus of mainstream media crumbling, trust in government on the decline and social media platforms providing a vehicle for anything to go viral, research shows such stories not only got distributed, they sometimes received more clicks than stories in *The New York Times*.

“In 2016, you started to see the weaponization of social media platforms in ways that I would characterize as dangerous to democracy,” recalled CU’s Toby Hopp, assistant professor of advertising, public relations and media design, who has made a career out of studying what he calls “countermedia” (fake news). “There seemed to be no boundaries anymore in terms of the information being communicated and the responsibility to the truth. It was really concerning.”

Fast-forward to 2020, and the “fake news” phenomenon has become more glaring. Distant “troll factories” — businesses where paid writers churn out fake social media posts intentionally designed to sow discontent among U.S. voters — are thriving in Russia, Macedonia and elsewhere. Conspiracy theories like QAnon — which posits, among other things, that the U. S. government is filled with Satan-worshipping pedophiles — circulate widely, and potentially dangerous misinformation about COVID-19 abounds.

“We exist in an unprecedented moment of deviant information,” said Pat Ferrucci, associate professor of journalism.

To get at the roots of that trend, Ferrucci, Hopp and Chris Vargo, assistant professor of advertising, have spent several years trying to unravel who shares fake news, what makes people click on it and what we can do about it.

“We have found that certain types of people are disproportionately responsible for sharing false, misleading and hyper-partisan information on social media,” said Hopp. “If we can identify those types of users, maybe we can get a grasp on why people do this and design interventions to stem the tide.”

Few Users, Big Reach

The good news: “The reality is, most people do not share fake news,” said Hopp.

In a recent study published in the journal *Human Communication Research*, the team analyzed posts from 783 regular Facebook and Twitter users between Aug. 1, 2015 and June 6, 2017.

Seventy-one percent of Facebook users and 95% of Twitter users did not share fake news or posts from sites identified by watchdog groups as countermedia.

The bad news: 1,152 pieces of fake news were shared via Facebook, with a single user responsible for 171. On Twitter, users shared 128 pieces of fake news.

“We found that Facebook is the central conduit for the transfer of fake news,” said Hopp.

In the Facebook sample, those who self-identified as extremely conservative accounted for more than a quarter of all fake news shared. About a third of fake news shared on Twitter was by ultra-conservatives.

Those who self-identified as extremely liberal also played a big role in the spread, accounting for 17.5% of shares on Facebook and 16.4% on Twitter.

“It’s not just Republicans or just Democrats, but rather, people who are — left or right — more ideologically extreme,” said Hopp.

Previous studies have shown that Facebook users 65 and older post seven times as many articles from fake news sites as those under 29 years old, and contrary to popular belief, those who are fairly media literate also spread fake news.

Interestingly, the CU team found those with high levels of trust in their fellow humans are significantly less likely to spread fake news.

“People with high levels of social trust are more likely to compile online social

networks comprised of diverse individuals,” said Hopp, noting that the spread of fake news can be slowed when users question a post’s accuracy.

Fear and Anger Drive Clicks

In the study they published in March, Hopp and Vargo examined 2,500 posts crafted and paid for by the infamous Internet Research Agency (IRA), a troll farm in St. Petersburg, Russia, which flooded Facebook with fake content in the run-up to the 2016 election.

According to U.S. government documents, the IRA had been creating fake U.S. personas on social media, setting up fake pages and posts and using targeted advertising to “sow discord” among U.S. residents.

Users flipping through their feeds that fall faced a minefield of incendiary ads, pitting Blacks against police, Southern whites against immigrants, gun owners against Obama supporters and the LGBTQ community against the conservative right — all coming from the same source thousands of miles away.

“This wasn’t necessarily about electing one candidate or another,” said Vargo. “It was essentially a make-Americans-hate-each-other campaign.”

In terms of return on investment, the campaign was remarkably effective.

The IRA spent about \$75,000 to garner 41 million impressions reaching 4 million users and generating a 9.2% clickthrough rate — a rate exponentially higher than a typical digital ad.

Ads using inflammatory words (such as “sissy,” “idiot,” “psychopath” and “terrorist”) or that were designed to frighten or anger people did the best.

“The takeaway here was that fear and anger appeals work really well in getting people to engage with content on social media,” said Vargo.

When Everything Is True, Nothing Is

Fake ads and patent falsities aside, Ferrucci stresses that the term “fake news” itself can be misleading.

“When people think of fake news, they think of news that is completely made up from whole cloth. But that is only the tip of the iceberg,” he said.

Countermedia encapsulates a broader array of content, he said: “We believe that the most potentially negative information is that which has a kernel of

truth in it but is slanted in a way that is completely deceiving.”

In decades past, he argued, conspiracy theories and deviant information certainly existed in the public sphere, but journalists generally ignored it. On the other end of the spectrum some things were unequivocally agreed upon as true — and free from debate. This left what Ferrucci calls “the sphere of legitimate debate.”

“There is nothing true anymore and everything is subject to debate. That’s the problem.”

Here We Go Again

On the eve of another election, with a global pandemic raging, the misinformation machine appears to be ratcheting up again.

Public health agencies have warned of a “massive infodemic” amid circulating rumors suggesting that injecting disinfectant or consuming a dietary supplement called colloidal silver can cure COVID-19, or that wearing a mask can somehow boost susceptibility to it.

According to news reports, troll farms in Russia, Macedonia and elsewhere have refined their tactics and are again using social media to try to influence U.S. elections.

Some platforms have taken notice.

This summer, Twitter began adding fact-checking labels to tweets, including some originating from President Donald Trump. It also suspended thousands of accounts associated with QAnon.

Facebook now removes coronavirus news deemed inaccurate and sends a warning to those who have liked or shared it.

Such steps are helpful, Hopp said.

In the end, the battle against fake news will require a united front, including government, industry, journalists and, of course, social media users, the researchers say.

Ferrucci believes reporters should stop giving precious column inches or airtime to conspiracy theories like QAnon and instead focus on the sphere of legitimate debate.

Vargo suggests users become leery of ads and posts scrolling across their feed and look into where they came from — especially those that make your blood boil.

If you see something on social media that you know is false, the researchers agree, don’t be afraid to say so.

“We can disagree here and there about things,” said Hopp, “but when we as a society have fundamentally different views about what is true and what is not, democracy becomes very hard to maintain.”



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Forever Buffs Network Launches

Online community offers Buff-to-Buff connections

Mechanical engineer **Chip Bollendonk** (MechEngr, MS'17) wants to meet other Buffs in his field, especially those working near him in the Denver area. He also hopes to reconnect with former hallmates from his first year on campus.

The new Forever Buffs Network makes it easy to meet new Buffs and find old friends.

The online community for CU Boulder alumni launched this September and functions like a CU-only social media platform allowing Buffs to connect with each other over jobs, businesses and CU memories.

“Within my first 15 minutes on the platform, I had imported my professional profile from LinkedIn and was reminiscing about my residence halls, clubs and activities at CU as I noted my different affiliations,” said Bollendonk.

In addition to mentorship and volunteer opportunities, alumni can post jobs, individually message former classmates or search and add to a business directory with Buff-owned

businesses in a given area.

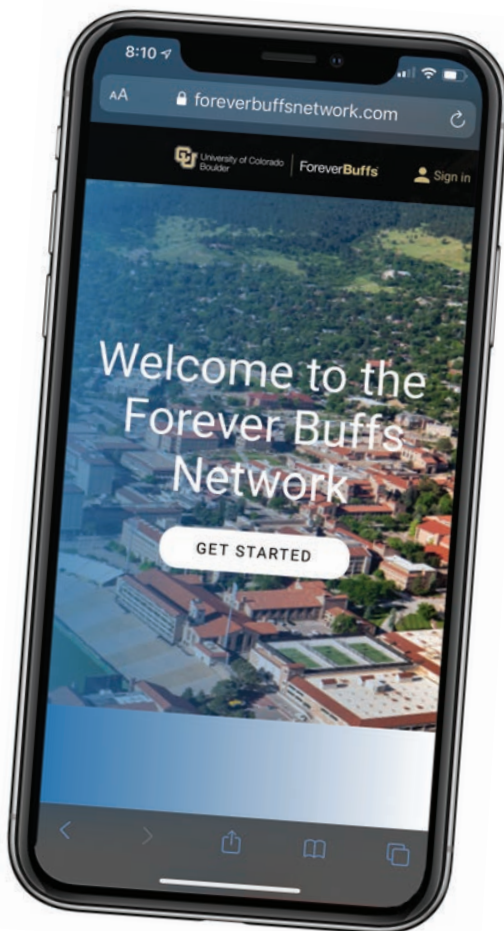
“I can’t wait to get off a plane in any city and search for a Buff-owned restaurant for dinner that night,” said **Julann Andresen** (Mktg’85), Alumni Association senior director of events and outreach who helped launch the network.

The network — which is compatible with LinkedIn — includes names and basic degree information for more than 270,000 alumni. Once an alum officially registers, information such as employment, location, former CU residence hall and more can be made visible to other Buff users.

The Forever Buffs Network will soon include CU Boulder students, faculty, staff and parents for even broader engagement. Smaller groups, tailored to colleges and schools or affinity groups, allow Buffs to connect and share across common experiences and interests.

Said Andresen: “This tool allows Buffs to connect no matter where they are in the world.” *Find out more or register for the Forever Buffs Network at foreverbuffsnetwork.com.*

The new Forever Buffs Network connects CU alumni worldwide.



Tesla Town



In Boulder County, there are more than 1,580 Tesla cars registered. The number keeps growing, and many CU Boulder alumni are among the proud owners of the famed electric cars.

The first time I saw a Tesla in Boulder I nearly rear-ended it. I’ve been on the lookout for them ever since.

That was four years ago. At first, I’d see the all-electric car every two or three months. Now it’s two or three a day. So I finally called up the Boulder County Clerk and asked just how many Teslas are registered in Boulder County. As of July 14, it was 1,585. By now there are probably a lot more.

Who are these people? To find out, I went to the Tesla supercharging station in Boulder, just east of Trader Joe’s. (For geezer alumni like me, that’s just south of the old Arapahoe Chemicals plant site, which is now Target.)

I hung out for about an hour. There were always four or five cars charging.

So how did Tesla owners — many of whom are CU alumni — like their rides? They all said: “I love it.”

And for lots of different reasons.

Kyle Liss (MMus’21), who lives in Westminster with his wife, saves \$150 a month on gas commuting to his teaching job in Frederick.

Brian Cairns (CompSci’09; MS’11), who works at Google, likes the autopilot. He said it takes 10 to 20 minutes to top off his batteries with the supercharger. “I’ll just sit here until I finish my burrito,” he said.

Jack Ursetta (AeroEngr’18) and **Monica Maly** (IntPhys’18) had just returned from Breckenridge in a Model Y, Tesla’s latest model.

“It’s super smooth,” Jake said. “It actually handles like a sports car. It doesn’t drive like a hatchback, that’s for sure.”

“I love the instant torque,” said **Saber Boudjaja** (MCDBio’14), who’s driven a Tesla for three years. He said it costs “five bucks to [charge] from dead.”

I called Sean Mitchell, president of the Denver

Tesla Club, who has about 225,000 miles on his Model S, which he bought four years ago. He said three years ago the club had 75 members. Today it has 1,500.

“It reminds me of the early days of Apple computers,” he said.

Bruce Comstock (Econ’66) — my former CU roommate and now-retired hot air balloonist extraordinaire, who lives in Ashland, Oregon — has been driving a Tesla Model 3 for about a year. It goes from 0 to 60 mph in 4.1 seconds.

He said: “I’m really glad I got it, because it means I’m connected with the future of automobiles.”

Will 0 to 60 in 4.1 seconds shut down a gazillion Boulder Subarus? As Yogi Berra said, “It’s tough to make predictions. Especially about the future.”

But a shift certainly seems like it’s here. **BY PAUL DANISH** *Disclosure: Paul Danish owns Tesla shares.*

Empathy, Courage and Hope

Martin Luther King Jr. was assassinated during my final semester in college. Two days before graduation, Robert F. Kennedy was shot and killed immediately after declaring to his cheering supporters that the country was ready to end its fractious divisions. Amid the deep despair and uncertainty of 1968, I found hope in the words of our graduation speaker, Walter Cronkite, the voice and conscience of our country: “We must lead, or at least join, the revolution against that which is evil in our society. Let our new gentry — the gentry of the educated and the wise — become radicals and seek bold new solutions to our problems.”

Cronkite challenged my generation to revolt against the status quo in service of history. I found my calling in the classroom, teaching our future leaders to be educated and wise, radical and bold, and use that education for the betterment of humanity.

I have served one university — CU Boulder — since 1974. I have seen it through the lens of a parent, professor, dean, provost and chancellor. I have drawn strength from a student’s revealing experience, a professor contemplating a transformative idea, and a colleague excitedly sharing that their child will attend CU. No matter where we come from or what position of power we hold, it’s necessary to listen to communities who are impacted by our decisions.

This is especially true for Black communities and other communities of color. They have told me that, too often, they don’t feel safe, comfortable or welcome at CU Boulder.

I hear you. I see you. It breaks my heart.

As Cornel West said, “Empathy is not simply a matter of trying to imagine what others are going through, but having the will to muster enough courage to do something about it. In a way, empathy is predicated upon hope.”

I strive to constantly step outside of my comfort zones — to listen and understand difficult truths and learn from those with different experiences and perspectives. In these spaces lie the way-points to guide new modes of thinking and changes in policies that engender the same kind of revolutionary, radical and necessary movement my generation demanded.

This is a deeply troubling time as we confront the same entrenched, intractable issues of not just 50, but hundreds of years. We have failed too many generations in too many ways, as a society and as a university.

The change we seek will be filled with more roadblocks and failures. But our north star is

empathy, courage and hope. I continuously aim to lead with these traits — to be radical and bold — and I will educate and empower others to do the same.

Philip P. DiStefano is the 11th chancellor of CU Boulder. A first-generation college student who received his doctorate in humanities education from The Ohio State University, DiStefano began his education career as an English teacher near his hometown of Steubenville, Ohio.

NO MATTER WHERE WE COME FROM OR WHAT POSITION OF POWER WE HOLD, IT'S NECESSARY TO LISTEN TO COMMUNITIES WHO ARE IMPACTED BY OUR DECISIONS.



SPORTSnews

By **Andrew Daigle** (PhDEngl'16)



Bufs with a Brand

Coinciding with the latest NCAA sanctions, a new CU Athletics program teaches student-athletes personal branding, entrepreneurial skills and financial literacy.

Men's basketball's **Evan Battey** (Jour'22) envisions a career in sports broadcasting when his playing career is over — and the gregarious “Mayor of Boulder” would be a natural on camera. Yet, how can he and other athletes capitalize on their fame while they are still students? A first-of-its-kind CU program will help. After the NCAA ruled in April that student-athletes may profit on name, image and likeness (NIL) starting with the 2021-22 academic year, CU Athletics launched Bufs with a Brand to educate students on personal branding, entrepreneurial skills and financial literacy. The program will help Buff student-athletes like Battey navigate compensation from third-party endorsements, social media opportunities, personal appearances and businesses they start. Lauren Unrein, assistant director of leadership and career development, coordinates the voluntary program, which is open to all current student-athletes in CU's 17 intercollegiate sport programs. “Prior to the NIL decision, so many students would talk to us about wanting to start their own companies,” Unrein said. “We wanted to give them the opportunity to learn how to be entrepreneurs.” Beginning this fall, participants will meet remotely once a month. Erick Mueller, faculty director of entrepreneurial initiatives at the Leeds School of Business, will lead the hour-long sessions. Entrepreneurial mentors will work directly with students who will also participate in a branding program designed by Jeremy Darlow, best-selling author of *Brands Win Championships*. “It's doing and acting versus just talking about it,” Mueller said. Students may craft a hypothetical business or one they intend to capitalize on eventually, such as a sports camp or apparel company. However, Bufs with a Brand will focus more on long-term success than immediate capitalization. “It's unlocking and unleashing the entrepreneurial spirit already within them,” Mueller said, “[and] giving them the confidence to say, ‘I can do this.’”

Bufs with a Brand helps student-athletes with entrepreneurship, financial literacy and more.

Bufs Bits

Women's Basketball Hall of Famer Ceal Barry retired July 1 after 43 years in college athletics. At CU, she coached women's basketball for 22 years before serving in administration the last 15 years. ... Richard Rokos, head ski coach for the past 30 seasons, announced 2021 will be his last year. Since his hiring, the Bufs have qualified for every NCAA championship and won eight of them. ... Track stars **Dani Jones** (Psych, SLHSci'20), **Joe Klecker** (BioChem'20) and **Makena Morley** (Anth, Engl'20) announced they are forgoing remaining seasons of eligibility to pursue pro careers. ... With the departure of **John Graves** (Mgmt'09), **Taylor Stratton**

(EBio, EnvSt, Geog'13) was named manager of the Ralphe Live Mascot Program. She served as assistant coach for the last four years. ... Senior women's golfer **Kirsty Hodgkins** (MechEng'21) reached the Round of 64 at the 120th U.S. Women's Amateur in August. ... CU men's basketball star point guard **McKinley Wright IV** (Ethn'21) will return to play with the Bufs for the 2021 season. ... The Pac-12 announced Aug. 11 that no fall sports would be played in 2020. In late September, however, the conference released a shortened football schedule with games beginning Nov. 7. ... On Sept. 16, the NCAA granted a Nov. 25 start date for men's and women's basketball.

Betty Hoover of the “CU Twins” dies at 95

The Bufs lost legendary fan **Betty Fitzgerald Hoover** (A&S'46), twin sister to **Peggy Fitzgerald Coppom** (A&S'46), to pancreatic cancer Aug. 5, 2020. As CU athletic director Rick George said, “If you know CU Athletics you know Betty and Peggy.” Hoover held season tickets for football since 1958 and basketball since 1979 when the CU Events Center opened. The “CU Twins” grew up on Colorado's eastern plains before moving to Longmont in 1939 and then to Boulder a year later. Attendance at Boulder High and CU followed, as did husbands and seven children between their two families. For the last 30 years, Betty and Peggy were inseparable. They garnered national attention and local affection for their matching outfits, pompoms and enthusiasm. Women's basketball head coach JR Payne said, “Betty and Peggy have blessed so many with their unwavering spirit and love for everyone.” Hoover connected with numerous student-athletes as well: Men's basketball's **Evan Battey** (Jour'22) wrote of Hoover, “Thank you for giving me a shoulder to lean on.”



“If you know CU Athletics you know Betty and Peggy,” said CU athletic director Rick George. Betty is pictured left.

STATS

Two

twins born in May to CU lacrosse head coach Ann Elliott Whidden

3.491

average Spring 2020 GPA for all 338 student-athletes, a new single-semester high

Four

returning senior men's golfers for 2020-21 who had their original final season cut short last year

500+

CU student-athletes, staff and community participants in June's Bufs March to protest racial injustice

909

days from when **André Roberson** (Comm ex'14) ruptured his left patellar tendon and returned to play for the NBA's Oklahoma City Thunder this July

Taking the Lead

Rick George, the sixth full-time athletic director in Buffs history, is now in his eighth year at CU Boulder. Here he talks about transforming CU's facilities, leading in a pandemic and taking Sundays to cut the grass.

In 2013, you were the president of baseball operations for MLB's Texas Rangers. Then the athletic director (AD) role at CU opened. What about it appealed to you? Having been here before, my wife and I had a love for this place. Our youngest daughter was born here. I always wanted to be an AD. The only two places I would be interested in were Illinois — because I played there — and Colorado. When the opportunity presented, we jumped.

The Athletic Complex expansion transformed campus' sports facilities. What were the challenges of the \$156 million project? When I got here, our facilities were way behind. We had to raise a certain portion of the money before we could break ground. Our donors really stepped up and got behind this project. We broke ground on May 2, 2014. We wanted it done by football season. The day before our first home game, we were still finishing things. I was a little nervous. It started as one project and ended as another. We hadn't contemplated the Sports Medicine Center, then our doctors approached us. We weren't going to build a track in the

indoor facility, but [track coach] Mark Wetmore came to me. We built a rooftop terrace, which has been home to many weddings.

What are the most important elements of a successful collegiate athletics program? Leadership and communication.

Do you have the chance to connect with each student-athlete? Before the pandemic, I would go down to our Crawford Club, where our student-athletes eat every day. I say hello to whoever is down there, just to see how they're doing, and I host a once-a-month session that we call Rockin' with Rick (it wasn't my name choice). I usually feed them stuff our nutritionist doesn't like. We can talk about anything. It's an opportunity for them to have access to me. Boulder Buffs, our peer advocate program in Psychological Health & Performance, came out of these gatherings.

Have the last few months with COVID been the most challenging period in your time at CU? It has been by far the most challenging experience I've had in my almost 40-year career.

What have been the guiding influences as you navigate this time? I want to continue to provide proper support for our student-athletes. That's been a real focus of mine. Health and wellness are first and foremost as we make decisions.

What ultimately were the factors for the Pac-12 deciding to postpone most sports until 2021?

The Pac-12 Medical Advisory Board listed three major concerns they had about starting competitions. Community prevalence of the virus in much of the Pac-12 footprint, a need for more information on long-term effects of the virus and a need for increased testing resources were the main reasons why postponing all competitions to the spring was the best path to protect the health and safety of our student-athletes.

With most sports competitions postponed through the end of 2020, how will fall student-ath-

letes continue their practice and workouts? Our facilities will continue to remain open for workouts throughout this fall. We will provide for our student-athletes in all areas just as years past. We will follow Pac-12 and NCAA guidelines when it comes to allowable practice hours.

You've worked in football, the PGA and MLB. If all three are playing on a Sunday afternoon, what is your TV on? I'm out cutting the grass and doing yard work. It's my therapy. I don't watch a lot of TV during football season because I'm usually at a game and

the same during basketball season.

How often have you ordered takeout from local restaurants since the pandemic began? Two or three times a week. We've got great friends and partners that own restaurants. A lot are suffering. People are losing their jobs, and we don't take that lightly.

Do you have a personal fitness routine? I ride my road bike. I had my knee replaced, so I've been rehabbing with an exercise bike in my office. That's my routine. **CONDENSED AND EDITED BY ANDREW DAIGLE.**





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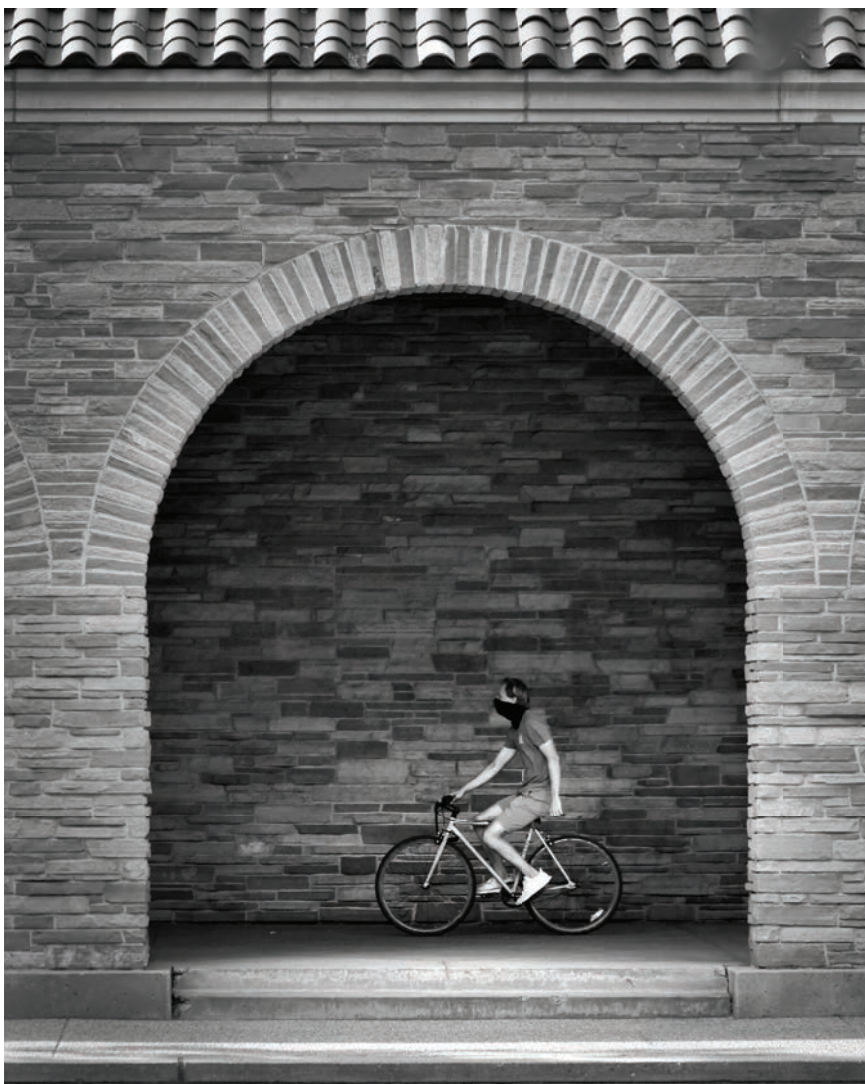
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CLASSnotes



The fall semester looks different this year as the university tries to avoid the spread of COVID-19.

'59 For **Fred Holden** (ChemEngr; MBA'78), of Arvada, Colorado, Dr. Seuss' *Oh the Places You'll Go* serves as a special theme to his life adventures. As a freshman, he lived in Baker Hall and recalls the popularity of Tulagi, The Sink and Timber Tavern. One of his favorite memories

was playing sousaphone (wrap-around tuba) for the marching band in the 1957 Orange Bowl. He married his CU sweetheart **Dottie** (A&S'61) and they moved to Salt Lake City, where he worked for the Hercules Powder Company on rockets, including the Minuteman and Polaris missiles. After two cross-country moves, he landed at the Adolf Coors Company in Golden, Colorado, as director of economic

affairs. He also served 30 years as a senior fellow at the Independence Institute, focusing on budget and fiscal policy. A father to three daughters and grandfather to several grandchildren, Fred has given about 1,400 speeches and published several titles, including his book, *Total Power of One in America: Discover What You Need to Know, Why and How to Be a More Powerful Person and Citizen*.

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'64 This summer **Dwane Starlin** (A&S) of Washington, D.C., found his copies of the *Coloradan* — formerly the CU yearbook — from the years 1963 and '64. He wants to give his classmates a chance to collect them: If interested, call or text him at 202-368-2737.

'66 **Thomas Turman** (ArchEngr) lives near his daughters in El Cerrito, California, for, as he writes, "easy access to their sons Owen, Jasper and Griffen." After leaving CU, Turman spent 45 years in architecture and engineering in Northern California. He loves to write, and his latest book, *Sailors and Dogs Keep off the Grass*, is a novel about his time in the Navy.

'68 This June, **Sandy Michel Nance** (Jour) of Wheat Ridge, Colorado, was awarded the 2020 Communicator of Achievement award from the National Federation of Press Women for her career in journalism and public relations. After graduating from CU, Sandy began as one of few women reporters working for United Press International, and spent three years at the *Star-Tribune* in Casper, Wyoming, where she was part of a team nominated for a Pulitzer Prize. She then worked in public relations and co-founded an employee resource group dedicated to advancing women. Her last position before retiring in 2011 was as

managing editor for the American Water Works Association in Denver. Currently, she is president of Colorado Press Women. She is supported by her husband, John, and her three children, **Devon Nance** (Bus'96), **Nicole Nance Bank** (CommDis, Psych'99) and Tracey Nance Anderson.

'69 **Tom Baur** (MAstroPhys), founder of Meadowlark Optics and the International Society for Optics and Photonics, known as SPIE, created a new endowed chair at JILA, a joint institute for CU Boulder and the National Institute of Standards & Technology. The Baur-SPIE Endowed Chair in Optics and Photonics will be funded by gifts of \$1.5 million from Tom and Jeanne Baur, \$500,000 from SPIE and \$500,000 from CU. Tom lives in Ault, Colorado.

'70 In 2019, **William Cathcart-Rake** (PoSci) retired from his position as dean of the Salina campus of the University of Kansas School of Medicine. Salina's regional medical campus is the smallest four-year medical school in the country. Prior to his nine-year tenure there, William was a practicing medical oncologist in Salina. In retirement he's enjoyed swimming, (he was on the Buffs swim team in the late 1960s), hiking the Grand Canyon and playing classical guitar. He and his wife Ruth also enjoy

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spending time at their cabin in South Park, Colorado, and visiting their three children and five grandchildren.

'72 **Barbara Valent** (Chem; PhD'78) was elected to the National Academy of Sciences for her study of wheat blast disease at Kansas State University. Wheat blast is a fungus capable of destroying entire fields that has been found in low- and middle-income countries around the world, where wheat is often the primary source of protein. Barbara has led a research team that studied how the fungus works, which can help with containment and keep it from spreading to the U.S.

'73 Attorney **William Blackwell** (Advert) of Zephyr Cove, Nevada, will be featured in the documentary *Lust for Gold, A Race Against Time*, in the October 2020 Arizona Film Festival. It follows a team of adventurers, including William,

that are on a quest for gold in the mountains of eastern Arizona.

'77 After 43 years teaching English and writing at various universities across New York, **Maureen King Cassidy** (Edu) still keeps in touch with her college friends. Maureen transferred to CU after a trip to Aspen, Colorado, her sophomore year of college. "Aspen was like another universe to me," she wrote. "I became totally enchanted with the Rocky Mountains, the people and, of course, skiing." She arrived at CU having never seen the campus in fall 1975 and enjoyed every moment on campus. She lives in Oyster Bay, New York.

Pronghorn Press published **Jamie Lisa Forbes'** (Engl, Phil) third book, *Eden*, a story of

small town life in 1950s North Carolina. Her first novel, *Unbroken*, won the 2011 WILLA award for contemporary fiction. Her collection of short stories, *The Widow Smalls & Other Stories*, won the 2015 High Plains Book Awards for a short collection. She lives in Greensboro, North Carolina.

Lionel Lyles (PhD-Geog) published his sixth book, *Family Dysfunctionalism and the Origin of Codependency Addiction*, in April. The Pikesville, Maryland, author is planning to publish his seventh work in December, under his pseudonym Marteaux X. Lionel previously spent 30 years in higher education, including a tenure as director of the public policy doctoral program at Southern University in Baton Rouge, Louisiana. With a \$6 million grant from NASA, Lionel

conducted worldwide climate change research from 2003 to 2008. He was the second African American to earn a CU Boulder doctoral degree in geography.

'78 Enterprise Bank in Lowell, Massachusetts, named **Daniel Laplante** (Fin) chief investment officer and director of investments. He has more than 30 years of investment management experience. He lives in Hancock, New Hampshire.

'79 **G. Brown** (Jour) launched his book series *On Record*. Each of the three volumes includes images, interviews and insights in music for the years 1978, 1984 and 1991. The series is published by Colorado Music Experience, a nonprofit focusing on Colorado music history, of which G. is director.



Masks were required this fall on campus, and many classes were offered online.

FIVE QUESTIONS

The Music Guru



As a journalist for the *Denver Post*, **G. Brown** (Jour'79) covered music for nearly 30 years. Today he's executive director of the Colorado Music Experience and author of *On Record*, a three-part book series focusing on popular music from 1978 to 1998. Volumes covering the years 1978, 1984 and 1991 kick off the series.

What is Colorado Music Experience? CoME is a nonprofit cultural and educational organization, a unique repository established to preserve the legacies of Colorado music history. It's an evolving archive of podcasts, documentary-style videos, interview-based profiles and photo galleries.

What's your favorite trivia fact about Colorado's music? Hmm. How about the Serendipity Singers, the polished folk-pop ensemble organized at CU? In 1964, their song "Beans in My Ears" was banned in Boston — be-

cause it's dangerous to put beans in your ears!

What was the genesis of the *On Record* series? Collectively, my photo files provide an amazing, one-of-a-kind visual history, and while I mostly remember all the fun I had, it turns out that I worked pretty hard as a writer — I conducted 3,248 interviews in a 26-year span. *On Record* is the musicians speaking to their music in a particular year. It serves as reference as well as high-end nostalgia.

As a music journalist, interviewing musicians comes with the

territory, but what was one time you were starstruck?

My first interview, with Burton Cummings of the Guess Who, a hero of mine. It was a scene out of the movie *Almost Famous* — I was 15, and I showed up backstage at the Denver Coliseum wearing my brown wool 8th grade graduation suit and tie.

What's your favorite memory from your time at CU? Boulder was a happening place in the '70s. Attending classes during the day and working at the legendary Tulagi nightclub at night was a dream lifestyle.

CLASSnotes



The fall semester looks different this year as the university tries to avoid the spread of COVID-19.

'81 Kurt Ruttum (Econ) of Portland, Oregon, was named managing partner at business and litigation law firm Tonkon Torp. Kurt, who specializes in mergers and acquisitions, began his career in law at the firm in 1986. He is also on the board of directors at Parrott Creek Child and Family Services, a nonprofit that assists vulnerable youth and families.

'83 Bill Kling (Econ) runs a law and policy practice in Chicago. He is also a professor at University of Illinois at Chicago and Kent College of Law, where he teaches students how to engage with policymakers to effectuate change. He has drafted and advocated legislation at the federal, state and local levels. He lives in Elmhurst, Illinois.

'84 Stevens Point, Wisconsin, native and retired music professor **Geary Larrick** (PhDMus) took the coronavirus shutdown in stride, walking laps in his

basement every day. He also practiced marimba an hour a day and caught up on 1982 World Series Milwaukee Brewers games he missed while studying hard at CU. Two of his music compositions were performed in summer 2020 in Harrisonburg, Virginia, as part of the virtual festival for the Shenandoah Valley Bach Festival.

'86 Last year, after over 30 years in sales and marketing, **Kim Swilpa** (Mtkg) retired to focus on family and travel. After a visit to Sri Lanka she was inspired to start the nonprofit

Elebalance, which aims to create a peaceful coexistence between elephants and humans. Elebalance feeds into the Sri Lanka Wildlife Conservation Society's Project Orange Elephant, which helps farmers plant citrus trees to naturally deter elephants from their crops. Find out more at elebalance.org. Kim lives in Montville, New Jersey.

'91 Adventurer **Katie Writer** (Geog) of Talkeetna, Alaska, is a pilot, journalist and photographer. Her latest piece, "General Aviation's Role in Studying Climate," will appear in the October issue of the *AOPA Pilot* magazine. See her photography, oil and acrylic art at katiewritergallery.com.

'92 **Robb Jeffrey** (EnvDes, Mktg) was accredited as a "Certified Cicerone," for his professional knowledge of beer. Robb began his beer career at the Coors Brewing Company while attending CU. He spent time at Miller Brewing Company and is now celebrating his twelfth year at Anheuser-Busch as a training specialist. He lives in St. Louis, Missouri.

Despite growing up in Boulder, **Mindy Sink** (Jour) wasn't much of a hiker until she began researching her new book, *60 Hikes Within 60 Miles of Denver and Boulder*. She said, "I want people to know that anyone — even a writer acting like a hiker — can do these hikes." She is

also the author of the *Moon Handbooks Guide to Denver, Boulder & Colorado Springs* and *Walking Denver*.

This year, **Linda Tegarden** (PhDBus) was conferred emerita status at the Pamplin College of Business at Virginia Tech. She joined the faculty in 1994 and has contributed to research on technology innovation. She lives in Blacksburg, Virginia.

'94 Eagle, Colorado-based journalist and author, **Jennifer Alsever** (Jour) released her latest young adult novel *Extraordinary Lies*, a paranormal mystery. When news about her *Trinity Forest Series* trilogy was featured in the *Coloradan* magazine several years ago, Atlanta-based film producer **Matthew Moore** (Engl'93) reached out, and they've since begun working on adapting her stories for the big screen. Jennifer credits her son **Jacob Beauprez** (MechEngr ex'24) with pushing her to write.

Karla McManamon Miller (Law), under the nom de plume Piper Bayard, has three recent book releases. *Spycraft: Essentials* is a primer on espionage and the U.S. intelligence community. *Key Figures in Espionage: The Good, the Bad & the Booty* is a collection of biographies of key figures in espionage. *Timeline Iran: Stone Age to Nuclear Age* is a brief history of Iran, focusing on the past few decades and recent events. These books and others can

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be found at her website, BayardandHolmes.com. Karla describes herself as "a recovering attorney who now works from her home in Colorado."

'95 As a public librarian and arts advocate, **Cathy McKee**, now **CJ Di Mento** (Psych), led the designation effort for, and is now leader of, one of California's first cultural districts, the Oceanside Cultural District in Oceanside, California. The designation effort was a competitive process, with state legislators naming only 14 districts in the entire state. She writes she is "working in a vibrant community to help increase opportunities for arts and culture to thrive equitably without generating displacement in a time when arts organizations are severely impacted by COVID-19."

'97 **David Scott** (Mgmt) was selected in March 2020 for the FBI's Senior Executive Service,

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where he serves as chief of the public corruption and civil rights section in Washington, D.C. After graduating from CU and receiving a commission through the Army ROTC program, David served in the U.S. Army as an infantry officer prior to joining the FBI in 2003.

'99 Known as the “Acoustic Ninja,” **Trace Bundy** (CivEngr; MS'03) has become recognized for his unique guitar playing style. After several clips of him made the rounds on YouTube, Trace was the subject of a short documentary in 2017, which premiered at

Sundance. He and his wife, Rebecca, live in Louisville, Colorado.

Denver's **Caryn Hartman** (Anth, RelSt) won the 2019 Nautilus Award for best children's illustrated fiction book. Her book, *Dorje the Yak*, is a dual-language book written in both English and Tibetan.



Masks are required this fall on campus and many classes are offered online.

FIVE QUESTIONS

Embracing the Challenge



Edna Ma (EPOBio'99; MD'03) has worked in the Los Angeles area as a private practice anesthesiologist since 2007. The mother of two children is also author of the bilingual children's books series *Travel, Learn and See*, featuring English, Mandarin and pinyin. The series is inspired by her young son and his best friend, who met in Mandarin immersion school.

Have you always been a writer? No! At CU, I basically lived in the EPO biology building in Dr. Anne Bekoff's lab. But I like being creative. Writing became that creative outlet.

What was the moment of inspiration for you to write a bilingual children's book? I really wanted to read to my children in Chinese but couldn't find any books I could read with my limited literacy in Mandarin. There are very few books written in English, Chinese characters and pinyin.

What does your career as an anesthesi-

ologist mean to you, especially during this pandemic? Anesthesiologists are at one of the highest risks for contracting the coronavirus doing patient care. We are the critical care physicians of the operating room. Until recently, anesthesiologists were the proverbial wizards behind the curtain and the general public had a limited understanding of our roles in operating rooms and ICUs.

You were on both *Survivor* and *Shark Tank*. What were your key takeaways from those experiences? I wanted to quit *Survivor*; it was a physically and mentally

tough game. Eventually, I was voted off the island. And on *Shark Tank*, I did not get a deal with the TV investors. I shared my “failures” with millions of people and I survived the process! New challenges no longer seem as intimidating.

What else do you like to do? I would love to see my books become an animated series. Anyone who has learned a foreign language knows that language is learned by seeing, hearing and experiencing.

As for reality TV, I'm up for any challenge! *Amazing Race*? Do you know anyone I could pair with?
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CLASSnotes



Tanner Rausch (EnvSt'07) with his two dogs, Teryx and Timber, this summer in Luna, New Mexico.

'02 After **Ryan McMunn** (Mktg) and his wife Allie recovered from COVID-19, they knew they had to act. The Tricam Industries CEO utilized his business experience to source hundreds of masks from a Chinese factory that produces ladders for his company. They

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donated the masks to UC Health Boulder and the CU Anschutz Medical Campus. Ryan lives in Denver and also is CEO and founder of BRIC language systems and founder of Leroy Street Capital.

'03 This April, **Gunnar Hand** (EnvDes) started as urban planning director for the unified government of Wyandotte County and Kansas City, Kansas.

Gunnar was born in Kansas City, Kansas, and raised in Kansas City, Missouri, and writes, "This new position is not just a great honor, but a homecoming of sorts." He previously worked as project manager for the new single terminal at the Kansas City Airport.

'04 While his grandmother battled COVID-19, **Corey Cappelloni** (Law)

dropped everything and ran — literally — to be there for her as best he could. An experienced ultra-marathoner, Corey spent seven days running the 220 miles from Washington, D.C., to his hometown of Scranton, Pennsylvania, which was the equivalent of an ultra-marathon each day. In the process he raised over \$25,000 for his nana's nursing home. He spoke to her through a megaphone from outside her fifth-floor window when he finished his quest. "I think this will be the highlight of my running career," he told *Runners World* this summer.

'05 After 10 years in commercial real estate, **Eric Chamberlin** (Econ) joined Opus Group's Denver office this summer as a senior manager of real estate development. He will focus on identifying and executing multifamily, senior living and industrial development opportunities across the greater Denver region.

Aly Jamison (Comm) won a Stevie American Business Award for her work in the communications field. Aly currently works for the sales training company RAIN Group in San Diego as public relations director. She is also a San Diego Blood Bank "Gallon Donor."

Erich Schubert (Jour; MA'08) has been promoted to senior director of communications and content for the Denver Broncos. In his thirteenth season with the Broncos, Schubert's role now involves over-

seeing the day-to-day functions of the public relations department as well as managing the club's digital and social teams. While working on his master's at CU, Eric worked as a graduate assistant under associate athletic director and sports information director **David Plati** (Jour'82).

'06 This year, **Adam Creapo** (Jour, MEdu'13) moved from the classroom to administration. After teaching in Adams 12 and Denver Public Schools classrooms he is now an assistant principal and CareerConnect pathway director at Northfield High School. He lives in Denver with his wife, Amanda, who he met while serving as the Buffs volleyball PA announcer, and his son, Colt.

'07 Investigative reporter and historian **Cody Mcdevitt** (Jour) wrote *Banished from Johnstown: Racist Backlash in Pennsylvania*. The book tells the history of a 1923 incident where the town mayor ordered 2,000 African Americans and Mexican immigrants out of the city at gunpoint and under threat of imprisonment. Cody has reported for the *Somerset Daily American* in western Pennsylvania and lives in Murrysville, Pennsylvania.

Juli Sarris (MLing; PhDEdu'15) will be a Fulbright Scholar during the spring semester of 2021 at the University of Prishtina, Kosovo. She will teach second-language acquisition theory, English as a

Second Language and English as a Foreign Language (EFL) methods and advanced EFL literacy. Juli teaches at many colleges along the Front Range, including CU, and lives in Boulder, along with her husband and two adult children.

'09 French horn player **Caitlin Brody** (Mus) was honored as the U.S. Army's top active duty band soldier. Currently serving as a corporal in the First Armored Division (1AD) band, Caitlin is stationed at Fort Bliss in El Paso, Texas. In just the three years since enlisting, Caitlin has completed a deployment to Iraq, approximately 300 missions with the 1AD brass quintet ensemble, a full-time role with the 1AD concert band and two tours with the U.S. Army Field Band, the premier touring Musical Ambassadors of the Army.

'11 Project manager **Crystal Boyd** (MMuSt) spent five years spearheading efforts to build the Golden

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USING BICYCLES, THE BOULDER FOOD RESCUE GATHERS SOON-TO-EXPIRE FOODS FROM OVER 40 LOCATIONS AND DELIVERS THEM TO COMMUNITIES IN NEED.

Valley History Museum in Minnesota. In 2019, the exhibit received a Minnesota History Award from the Minnesota Alliance of Local History Museums. In 2020, it received a national Award of Excellence from the American Association for State and Local History. Crystal grew up in Golden Valley and now lives in Burnsville, Minnesota.

In 2011 **Hayden Dansky** (EBio, Phil), along with **Caleb Phillips** (PhD-CompSci'12) and **Helen Katich** (Geog'13), founded Boulder Food Rescue after studying food waste in Boulder County. Using bicycles, the team gathers soon-to-expire foods from over 40 locations and delivers them to communities in need. Hayden remains the executive director of Boulder Food Rescue, ensuring operations continue throughout the pandemic. Caleb is a research scientist at the National Renewable Energy Laboratory and an assistant professor at CU. Helen is interim CEO of Fresh Food Connect, which helps prevent food waste through technology.

Twins **Cara** (MCD-Bio) and **Amy Faliano** (MCD-Bio) are working in the laboratories of the UC

Health System. Cara is the coordinator of laboratory safety for UCHealth in the Denver Metro area, and Amy is a lead medical laboratory scientist at UCHealth's Highlands Ranch community hospital. Visit the *Coloradan* website for an extended interview with the twins about their time on the frontlines of the pandemic.

Ben Miller (EnvEngr; MCivEngr'13) and **Lynn Pruisner Miller** (BioChem, ChemEngr) are proud to announce the birth of their daughter, Regan, in April 2020. They write, "Regan is an extreme CU legacy baby as many of her relatives are CU grads and will be fourth generation to attend." Her uncle and both aunts attended CU, **Annie Miller** (IntPhys; MS'15), **Nick Miller** (Mktg'12; MBA'16) and **Paige Pruisner** (EnvEngr'14; MCivEngr'16); both grandmothers, **CoLeen Pruisner** (Pysch '08) and **Kristi Prager Miller** (Mus'81; Edu'82); paternal great-uncles **Nelson Prager** (Chem, ChemEngr'80; MD'84) and **Frank P. Prager** (ChemEngr, Eng'84) and their five children; paternal great-grandfather **Frank C. Prager** (ChemEngr'49) and paternal

great-great aunt **Betty Wise** (PE'42). Ben, Lynn and Regan live in Highlands Ranch, Colorado.

'14 Michael Bishof (PhDPhys) and Cynthia Perkon welcomed their fourth child in 2019. Winifred "Winnie" Rose Bishof was born last October and baptized in December at Mary Queen of Heaven Catholic Church in Elmhurst, Illinois. She joins three older brothers in the family.

'15 David Varel (PhDHist), affiliate faculty at Metropolitan State University in Denver, published a biography titled *The Scholar and the Struggle: Lawrence Reddick's Crusade for Black History and Black Power*.

'16 This year, **Luke Woodruff** (IntPhys) launched Bump Up, a financial savings app. In an interview with *VoyageDenver*, he said, "Though my current and past endeavors have nothing to do with a career in the medical field, I could not be any more happy with where I am in life."

'20 A 24-minute *Global Cycling Network* YouTube video from August, "What's the Best Way to Ride Your Bike: Solo or in a Group," featured a cycling shoe strain monitoring study by **James W Hurt III** (MMechEngr). The study found increased longitudinal stiffness of cycling shoes does not affect performance in short uphill sprints. GCN has nearly 2.3 million subscribers worldwide.

FIVE QUESTIONS

Run for Ruth



Corey Cappelloni

After COVID-19 hit, it didn't take long for **Corey Cappelloni** (Law'04) to tire of video chat. He wanted to see his nana — Ruth Andres, 98 — face to face. In June, Corey ran 220 miles from Washington, D.C., to Scranton, Pennsylvania, in seven days to see her. He also raised over \$25,000 in his Run for Ruth campaign for the Allied Services Skilled Nursing and Rehabilitation Center, where his nana lives.

What's your normal running routine? When I am not training for an ultra-marathon, I typically only run about 35 to 50 miles per week, sometimes less.

What's the biggest challenge in a multi-day run like this? The lack of mental and physical recovery time, and the need to wake up early the next morning while finding the strength to push through another ultra on tired legs.

How's your nana since the run? We made a picture book for

her documenting Run for Ruth, and she still talks about how much she appreciated the run when we talk multiple times per week. On Aug. 25, I gave her another surprise. I appeared on the *Kelly Clarkson Show*, and I coordinated with her facility Allied Services to surprise her with my appearance on the show. The residents on her floor enjoyed watching the show while eating a Run for Ruth cake.

How did it feel raising over \$25,000? The community support for my grandmother, other

Allied residents and the heroic staff was so uplifting during a time of madness and hardship. Donations came in from family, colleagues, friends and complete strangers, and are still coming in at runforruth.com. The words of encouragement connected to the donations helped me stay motivated as I pushed through the miles.

What's next for you? After the pandemic subsides, I would love to go on a multi-day trek in Patagonia or a gorilla trek in Rwanda or Uganda. CONDENSED AND EDITED.

INmemoriam

1930s

Henrietta Wise Hay (Econ'34)
Erika Stoeckly Saltzman (Geol'36;
MA'38)
Marian Alely Layher (A&S'39)

1940s

Richard G. Binder (CivEngr'44)
Evelyn Pellillo Krohn
(MedTech'45)
Ruth Law O'Neal (MusEdu'45)
Mary Jane Miller Remington
(Mus'45)
Sarah Nakagawa Sato (Nurs'45)
James K. Sheppard
(ChemEngr'45; MS'48)
Betty Fitzgerald Hoover (A&S'46)
Virginia T. Leonard (Soc'46)
Patricia McMahan Miller (Bus'46)
C. Geraldine Proctor (Bus'46)
David F. Bramhall (A&S'47; MA'57)
Pauline B. Giarratano (EiEngr'47)
George T. Heppting (A&S'47;
MD'50)
Joan Lillengren Moore (Geog'47)
Martha M. Newell (Psych'47;
MPerMgmt'49)

Barbara McCarthy Bowes
(Edu'48)
Irene Olson Dempsey (A&S'48)
DaOnne Fasicck Ehlers-Early
(DistSt'48)
Edward M. Emery (ChemEngr'48;
PhDChem'52)
Milege "Zana" Juhre Hahn
(A&S'48)

Fred Niethammer (Acct'48)
Parker E. Preble (A&S'48; MD'52)
Howard R. Anderson
(MechEngr'49)

Robert K. Hudson (Fin'49)
Alice Hunt Dieter (Engl'49)
Charles M. Potestio (Chem'49;
MD'55)
Angelo J. Siccardi (CivEngr'49;
MPubAd'68)
Robert L. Stratton (MechEngr'49)
Louis W. Supancic (EiEngr'49)
Virginia G. Thompson (Art'49)
Helen C. Tomita (Art'49; MFA'53)
Felita Sierota Waxman (A&S'49)

1950s

Margaret Seely Allison (Bus'50)
Jessie Nussbaum Brundage
(Psych'50)
Willa Nuckolls Childerston
(A&S'50)
Lois Schoon Gaiowski (Spch'50)
Richard L. Josselyn (Pharm'50)
Joan Lun Knudson (DistSt'50)
Frederic S. Nyland (Chem,
Math'50)
Frank S. Potochnik (ChemEngr'50)
Patrick Rand (ArchEngr'50)
Jack P. Sampson (Jour'50)
Patsy Hall Starks (A&S'50)
Thomas K. Worcester (Jour'50;
MEdu'55)
Wayne F. Allen (PE'51; MD'60)
James C. Crawford (Advert'51)
Eugene E. Drake (CivEngr'51)
George P. Koclanes
(ChemEngr'51)

John R. Moberly (Mgmt'51)
Raymond L. Nichols Jr.
(EiEngr'51)
Jewel Parker Rissler (DistSt'51)
Maragret Coffee Salisbury
(Nurs'51)

William P. Savage (CivEngr'51)
John H. Schultz (Econ'51; Law'53)
Alfred W. Vance (Engr'51)
Albert M. Woods (MechEngr'51)
Ralph W. Abelt (Acct'52)
Roger C. Allen (A&S'52)
William F. Allnut (Acct'52)
Jane Valentine Barker (A&S'52)
Anita Henrie Bittle (BusEdu'52)
Thomas E. Carroll (Mgmt'52)
Ruth Nagel Dick (A&S'52)
Constance Kent Doud (A&S'52)
Delbert D. Fix (PhDChem'52)
Robert C. Gathers (CivEngr'52)
Lawrence V. Gibbons (Advert'52)
Paul F. Scheele (EiEngr'52)
Mary Fahey Vidrik (Engl'52)
Ouida Drechsler Walker (Soc'52)
Elizabeth Mossman Walters (Art'52)
Robert A. Baird (Phys'53)
Robert H. Cormany
(MechEngr'53)

Bryan J. Edwards Jr. (CivEngr'53)
James H. Kidd (MechEngr'53)
Ethan E. Annis (Pharm'54)
Eleanor Ganatta Garin (A&S'54)
Joseph T. Keeley (MechEngr'54)
Arnold Torgerson Jr. (Math'54)
Mary Ann Quinn (Edu, Engl'54)
Robert R. Robins (PhysTher'54)
Mary Nevins Woolnough (Edu'54)
Jack K. Basart (Mktg'55)
James C. Debell (Edu'55;
MAAsianSt, MHist'58)
James P. Dikeou (PolSci'55;
Mktg'56)

Dick George (ChemEngr'55)
Roy L. Greenlee (MbusEdu'55)
Carroll W. Hardy (A&S'55)
Mary Sumikawa Harris (Nurs'55)
Thomas R. Larson (A&S'55)
Irwin B. Levy (A&S'55; MD'62)
Donald G. Roper (Law'55)
Joseph L. Secrest (MMusEdu'55)
Gerald J. Starika (Mktg'55)
George G. Suggs (DistSt'55;
PhDHist'64)
Lynne Ziegler Van Schaack
(Art'55)

William S. Buchanan (PreMed'56;
MD'59)
Martha Chawner (Edu'56)
George G. Hannah (Mgmt'56)
William L. Hopkins (Soc'56)
Donald J. Horst (Bus, Law'56)
Homer Jenkins (A&S'56)
Sandra Goodson Lloyd (Edu'56)
Gerald M. Marcove (Mgmt'56)
Samuel J. Marcy (CivEngr'56;
MS'79)
Edward McCarthy Jr. (Law'56)
Helen M. Morgenstern (MPE'56)
Richard W. Riche (Econ'56)
Richard L. Rodgers (Fin'56)
Patricia O'Hara Weaver
(PolSci'56)
Robert E. Ambler (A&S'57)
Charles D. Bowling (Fin'57)

Laurene Silver Caspe
(MusEdu'57)
Howard D. Cline Jr. (Law'57)
Edwin L. Fields (ArchEngr'57)
Barbara Roueche O'Donnell
(PhysTher'57)
Barbara Muench Patberg (A&S'57)
James C. Ritter (A&S'57)
Jack B. Shellabarger (Fin'57)
Larry E. Tripp (A&S'57; MD'60)
Bobby B. Winkles (MPE'57)
Earl L. Young (MPsych, MFA'57)
Kathryn Emrich Balfany (Jour'58)
C. Howard Ellis (MGeol'58)
Leonard C. Johanson (MFA'58)
Vincent L. Kontny (CivEngr'58)
Ann Sloan League (DistSt'58)
Norman L. Stice (Acct'58)
Adele Oberg Tarkington (A&S'58)
David E. Willwerth (EngrPhys'58;
MApMath'60)
Elizabeth Hale Withers (Nurs'58)
Forrest E. Cook (Law'59)
Thomas M. Ledingham (Law'59)
David M. McRoberts (Mgmt'59;
MBA'61)
Marilyn Gruenler Sloan (Edu'59)
Zula Fariro Smith (Edu'59)
John A. Velleco (Acct'59)

1960s

Diane Mall Charbonneau (A&S'60)
Jan T. Elting (Chem'60; Pharm'67)
Phyllis L. Harris (A&S'60)
Alice-Ann Orton Oliver
(MusEdu'60)
Emma J. Smith (A&S'60)
Jacob T. Carwile (MMgmt'61)
Bernard E. Engel (A&S'61; MD'64)
Joseph C. French (Law'61)
Dennis P. Gordon (A&S'61; MD'65)
Jessie Stewart Jacobs (A&S'61)
Donald R. Meyer (A&S'61; MA'67)
Ervin L. Meyer (Mgmt'61)
Marie Hansen Perino
(MbusEdu'61)

Paul E. Pettigrew (MA&S'61)
Donald G. Potter (EdD'61)
Gerald R. Prout (Pharm'61)
Keene Sweet (MGeol'61)
Rolland W. Bainter (Bus'62)
Mary Dixon Cates (Nurs'62)
James C. Enochs (MA&S'62)
Lynn Fitz Randolph (EngrPhys'63)
Donald W. Ringsby (A&S'62)
Robert C. Rios (A&S'62)
Brian H. Albers (MusEdu'63)
Ronald C. Carmichael (A&S'63)
James C. Decker (MPolSci'63,
PhD'66)

Charles P. Eddy III (A&S'63)
Clark Johnson (PhDAnth'63)
Aubrey E. Ladwig (Edu'63)
Fergus E. Moore (Phys'63)
Rodney V. Replogle (A&S'63)
Richard C. Rozycki
(MAeroEngr'63)
Jon A. Andersen
(PhDBioChem'64)
Carl F. Challgren Jr. (MechEngr,
Mgmt'64)
Joseph I. Dodson (A&S'64)
Melodie Rappe Francis (Edu'64)
Frederick G. Frost III (A&S'64)

Richard D. Harness (A&S'64)
Jeannette E. Kinkaid (SpchDr'64)
Ivar W. Larson (ApMath'64)
Jeffery L. Lightner (A&S'64)
Norman E. Morre (Mgmt'64)
Betty Capps Tondel (HomeEcon'64)
Rodney T. Antilla (PE'65)
Margaret J. Aussenbaugh (PolSci,
Econ'65)
Charles S. Costello Jr. (MA&S'65)
George D. Di Ciero (PolSci'65;
MPubAd'67)
Karen Kemp Dunn (Fren, IntlAf,
Span'65)
Darel K. Hadley (EiEngr'65)
Melvyn A. Holzman (MPhys'65;
PhD'69)

Ronald L. Hunt (ApMath'65)
Randall H. Lortscher (Soc'65;
MD'69)
Wolfgang F. Mueller (A&S'65;
MA'70)
Joseph O. Spano (ChemEngr'65;
MS'67)
Frederick M. Struble (PhDEcon'65)
Richard L. Vergauwen (Mgmt'65)
Frederick T. Elder Jr. (Mktg'66)
James A. Gillespie (A&S'66)
Howard N. Peters (PhDEngl'66)
John W. Easley Jr. (Fin'67; Law'70)
W. Harold "Sonny" Flowers Jr.
(Engl'67; Law'71)

Nancy Muehleisen Glenn (Art'67)
Elwin C. Gresham (MMgmt'67)
Suresh T. Gulati
(PhDMechEngr'67)
Robert K. Kingery
(MMechEngr'67)
James I.K. Knapp (Law'67)
Regina D. Leary (Soc'67)
Stanley I. Shaw (Btny'67)
Pamela Stone Ciaccio (A&S'68)
Clifford W. Crone (EdD'68)
Lawrence Davis (Phil'68)
Jocelyn Cheney Glidden
(PhDPhil'68)
Sheyla McNeill Keefe (MedTech'68)
William E. Phillips Jr. (MMgmt'68)
Jerry L. Pitter (AeroEngr,
ApMath'68)

Mercedes A. Thompson
(MSpan'68; PhD'77)
Sherron Nay Acker (MHist'69)
Raymond K. Brucker Jr. (Psych'69)
Gary D. Campbell (Psych'69;
MCompSci'72)
Thomas G. Dunham (Soc'69)
Lee Cotter Durham (Jour'69)
Norma J. Goldberg (Engl'69)
Linda J. Harberts (A&S'69)
Gerald L. McClurg (A&S'69)
John O. Mecom (PhDZool'69)
Donald D. Wall (PhDHist'69)

1970s

David G. Camping (Fin'70)
James B. Heller (Mktg'70)
James M. King (EiEngr'70; Law'76)
Robert L. Longfellow
(AeroEngr'70)
Jeanne K. Mayne (Anth'70;
MGeog'78)
Carol R. Scott (Pharm'70)
Geraldine A. Kline (EdD'71)

Robert L. Ross (Hist'71;
MPubAd'85)
Stephen K. Tobias (Fin'71)
Linda Leverett Acker (Engl'72;
MCommThtr'88)
William A. Craig (Mus'72; MA'75)
Avery M. Henderson (MAnth'72;
PhD'75)

Jean A. Keeley (PhDEdu'72)
Lolita M. Miller (Acct'72)
Stephen E. Phinney
(MAstroPhys'72)
Mark L. Rouch (EiEngr'72)
Lois A. Abbott (MBio'73; PhD'77)
Phillip L. Carter (MChem'73)
India C. Cooper (Engl'73; MThtr'77)
Curtis L. Dickinson
(MTeleComm'73)

Ramona J. Duran (Edu'73)
Erin Drake Gray (Art'73)
Douglas D. Watson (Acct'73)
Michael J. Blain (PhDSoc'74)
Jeannette M. Bisant (Rec'74)
Janis A. Kondrat (EPOBio'74)
Larry G. Golden (Mktg'74)
Gene Leach (Bus'74; MArch'87)
Ruth B. Lurie (Law'74)
John T. Sullivan (Bus'74)
Phyllis E. Swift (Nurs'74)
Suzanne Wolfstone Trautwein
(Rec'74)

Shannon K. Evins (Psych'75;
MEngl'86)
Keene T. Hanada (ArchEngr'75;
MCivEngr'77)
Charles B. Keagle (AeroEngr'75)
Barbara Lang Petty (Art'75)
Richard E. Foody (PolSci'76)
Kathrin E. Kudner (Psych'76)
Gregory F. Pfeifer (Mktg'76)
David A. Pituch (MMus'76)
James C. Dozier (Econ'77)
Jane E. Frey (Acct'77; Law'83)
Craig M. Kadish (Psych'77)
Pamela J. Oliver (EnvCon'77)
Joan Tolins Vitale (Engl'77)
Gary F. Pischerchia (Econ'78)
Michael E. Ramer (EPOBio'78)
Marjorie E. Smith (MCompSci'78)
William A. Dimitroff (MEdu'79)
Karl E. Montick (IntlBus'79)
Fred J. Poss (MEdu'79)
Raymond D. Tomasso Jr. (MFA'79)

1980s

Stephen R. Blodgett (AeroEngr'80)
M. Bernice Dinner
(PhDCommDisor'81)
Thomas M. Hughes (MEdu'81)
Thomas R. Detman
(PhDAeroEngr'82)
J. Mark Faoro (Pharm'82)
Regina A. Hart (MEdu'82)
Elizabeth Teas-Hester
(PhDCommDisor'83)
Bobby E. Wright (MEdu'83)
Thomas R. Gaines (AeroEngr'84)
Geraldine L. Messenger (Jour'84)
Megan L. Baker (Hist'85)
Jennifer A. Boland (Mus'85)
Carol Dugo Schmid (Law'86)
Ruth Croft Major (Indiv'87)
Kimberly A. Snider (PerMgmt'88)
Kim Mathers-Heffernan (Advert'89)

1990s

William K. Wagner (MEngl'90)
Cay Halory Enns (MCDBio'91)
Michael D. Paley (PolSci'91)
Paula Dunbar (Geog'92)
Edward Canty (Psych'93)
Naomi E. Triplett (Hum'93)
John C. Brainerd (PhDHist'94)
Fred Hall IV (MAstroPhys'95)
John S. Hannon (PolSci'95)
Mary T. Stecher (PhDBus'95)
Tyler D. Jackson (Comm'98)
Donnell J. Leomiti (Comm'98)
Mark H. Parsons (Engl'98)
Heather D. Hudson (MEdu'99)

2000s

Kelly Bourke Bevilacqua
(MCompSci'01)
Michael G. Komarnitsky
(AeroEngr'01)
Wendy M. Henderson (EnvSt'03)
Tyson A. Preyer (MAcct'03)
Pravin M. Anand (Bus,IntlAf'04)
Daniel D. LoSasso (PolSci'04)
Gwyn E. Lewis (AsiaSt'05)
David A. Tschan (InfoSys'05)
Peter S. Pierucci (Engl'06)
Matthew K. Archer (MCDBio'08;
MBA'12; MS'17)
Cory A. Dunbar (Econ'08)
Patrick J. Ronan (Fin'08)

2010s

Masaaki Kawafune (Psych'13)
Ryan Heath Akins (Fin ex'14)
Quinn M. Sullivan-Patterson
(Phys ex'19)
Griffin D. Rucker (Jour ex'21)
Kyle T. Leventhal (Mktg ex'22)

Faculty, Staff and Friends

Donald Carmichael, Law Faculty
Susan E. Fouts, CU International
English Center
Robert Gillum, Residence Hall Chef
William G. Hofgard, Friend
Patricia K. Magette, College
of Music
Aladeen Smith, English
Department

Correction: Due to an error in our records, **Santiago Gonzales Jr. (Comp-Sci'93; MAcct'05)** was incorrectly listed as deceased in our "In Memoriam" section of the summer issue. His father, **Santiago Gonzales**, passed away in 2018. We regret the mistake.

FEEDback



The Colorado Shakespeare Festival's origins date back to 1944, when CU librarian and English instructor James Sandoe directed *Romeo and Juliet* at Mary Rippon Outdoor Theatre.

Shakespeare at CU

Your summer issue arrived at a most welcome time for those of us older Buffs who have been mostly staying at home. I loved the nostalgic photos and was especially moved by Sarah Kuta's article on the Shakespeare Festival.

Shortly after my family moved to Boulder in 1957, we started attending those outdoor productions and the accompanying 16mm film presentations in the Forum auditorium. Although my brothers and I didn't at first appreciate all the dialogue, we liked the sword fights.

I would also like to say hi to **Sam Sandoe** (BioChem, Thtr'80). Your father Jim was a remarkable man, who besides his work on the festival was responsible for making the acquisitions at Norlin Library. His class in comedy, which I took my senior year, is one of the two or three educational experiences I had at CU

that I think back on the most often.

Lawrence Chadbourne (Class'70)
Chapel Hill, North Carolina

Please pass along to **Sam Sandoe** (BioChem, Thtr'80) how much I treasured, and still treasure, my freshman year, five-day-a-week classes with his amazing father. Dressed in jeans and a jeans work shirt, he introduced us to a world outside the Hellems classroom. The buttoned-down world of high school was nothing like this. I can still remember some of the questions on his final exam and the license his assignments gave us to see connections. He inspired us to travel through books — we read a lot of history — and planes. We saw many of the paintings we studied during our 11-week, “Europe-on-\$5” adventure — the first of about 20 times to cross the Pond.

After my 32 years teaching English, my wife

and I co-produced a PBS show on the Marshall Plan that took us to work for the State Department on the renovation of the Talleyrand in Paris. I've had many bracing experiences; James Sandoe's classes were first.

Eric Christenson (Edu, Engl'60)
Southern Pines, North Carolina

Phi Kappa Tau, 1950s

In the summer issue of the *Coloradan*, I noticed a letter, “Spring of 1946,” written by **Ruth Duffy Hirsch** (A&S'49). I am a Phi Kappa Tau member, having gone active in March 1953. I lived in the fraternity house for over three years. The house mother in the article was my house mother as well, and this letter serves to make a slight correction. The house mother's name is Mrs. Rose “Owens,” not Mrs. Rose, and she preferred to be called “Mother Owens.”

She was a wonderful woman with whom I was very close, and who, during her term as house mother, ran a very tight ship and was highly respected. She grew up in Leadville in the late 1800s during some violent times, saw many bloody occurrences and had no appreciation for firearms.

Thanks to Ms. Hirsch for the article.

James Berger (Mgmt'56)
Colorado Springs

Picture Perfect

I just wanted to tell you how much I enjoyed the cover art on the Summer 2020 issue. Two seconds after retrieving the issue from my mailbox, I was immediately transported back to my dorm room in Cockerell Hall. Cockerell Hall is located directly across the quad from Aden Hall, so the art depicted is exactly the view I feasted on for nearly two years from my dorm room.

Even today, 41 years after my graduation, this is the view in my mind's eye when I think of the years I spent in Boulder. Great memories!

Chris Glasow (IntlAf'79)
Broadlands, Virginia



Vintage postcards sparked nostalgia among readers.



This postcard was found in the belongings of the Willson family.

Oh how I appreciated the “Thinking of You” postcards in the Summer *Coloradan*. The postcard picturing the bridge over Varsity Lake is special to me. What decades of student experience the bridge could tell us.

The bridge was the route to Norlin Library study hours, dances in the Glenn Miller Ballroom, Saturday football at Folsom Field. It was the place of Greek pledge sneaks. The meetings of Hysperia, the Junior Women's Honor Society. The clandestine passing of class notes and exam questions. The snow and slush walks to January final exams. And many a late-night romantic kiss.

Students crossed the bridge to the world of ideas, challenges of thinking and learning, the opening of young minds. From the chrysalis of learning, students crossed the bridge into adult life. Decades of grads took with them fond memories of the bridge and gratitude for a CU education.

Judith Hannemann (A&S'57)
Cape Elizabeth, Maine

My husband and I are both alumni and we always enjoy reading the *Coloradan*. We especially enjoyed this issue's

“Thinking of You,” when we noticed the picture of the Old Main postcard.

Just a couple of years ago, we discovered this same postcard in some belongings of Ruth Platt, my husband's paternal grandmother who resided in Wyoming and Boulder in the early 1900s. Ruth's son **Lester** (A&S'53); her grandson, my husband **Lester** (EnvDes'83); and great-grandson **Trevor** (AeroEng'20) are all graduates of CU.

This year when our daughter **Cori** (Mktg'23) began her college career, we gave her this postcard as a reminder of her family's connection to Boulder and CU and she displayed it on her desk in her dorm room.

Kim Willson (CivEngr'96)
Lakewood, Colorado

University Pride

Thank you for continuing to send the *Coloradan*. I read every one and have saved them as well. The photos and the articles are outstanding and make me proud to be an alum. I graduated in 1965, so I remember **Paul Danish** (Hist'65) well and always look for his column. Please keep the same format.

Sally Adams O'Connor (Edu'65)
East Hartland, Connecticut

the CONNECTION



The CU Connection bowling alley, then and now.

The Connection

I was the game room manager and assistant director [of The Connection] from 1974 to 1980. I succeeded long-time manager Larry Burkett. I was hired by Jim Schafer, the student union director, immediately upon my graduation in 1974.

Before I became assistant director, we modernized it along with having a naming contest. Therein is how The Connection got its name. “The Connection” said it all — a place to connect with friends and family.

We had a lot of fun remodeling and modernizing the area. We brought in graphics, colors and lights, which brightened up the area with life. We

were able to get permission to add 3.2 beer. Needless to say — that was a big hit — it drew in beer drinkers and added to the atmosphere of fun.

We also brought in nationally known pool trick shot artists as another way to promote the game room. It was a fun job, and a vital part of the student experience. We hosted the ACLU games on numerous occasions.

It appears from the *Coloradan* that The Connection has been taken to yet another level, all for the enjoyment of students and patrons.

Mike Nunnery
(PolSci’74)
Baton Rouge,
Louisiana

I was a member of the UMC Board during my time at CU. After dinner at the Alferd Packer Grill and our meetings on Tuesday evenings, the whole board would go bowling at The Connection. Both staff and student members participated. The prize for each member of the winning team was a 50-cent can of pop bought by the losing team members from a machine located on a landing of the main stairway. I live in Boulder and still bowl at The Connection sometimes!

Kate Carroll Schmid
(Anth, Ger’92)
Boulder

Letters edited for length and clarity.

Social Buffs



Just a Buff on a ridge!
@leilani nicolelives



Happy move-in day,
@cuboulder!
Wear your horns with pride and #skobuffs!
@chimi changa_the_corgi



Go Buffs!!
@red withasoul

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STAFFBOX

Coloradan

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THEN

C. 1911

When construction for Macky Auditorium, CU Boulder's largest concert hall, began in 1909, campus was serene. There were 13 buildings and 1,108 enrolled students. Trees adorned the area — including the original cottonwoods planted near Old Main in 1879 and poplars such as these pictured on the dam along Varsity Lake, near the auditorium's construction site.

Construction was completed in 1922. Ash trees, honeysuckle shrubs, American elm trees, lodgepole pine and a Nootka cypress have since replaced the poplars. They've served as witness to a number of famous figures in Macky's history, including Eleanor Roosevelt, the Dalai Lama, Jane Goodall, Robin Williams, Antonin Scalia and Buzz Aldrin.