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Alumni Magazine Spring 2018

ALSO IN THIS ISSUE:

DRONE RACER

CU'S OWN INDIANA JONES

CWA HIT PARADE

HOW GOOGLE CAME TO BOULDER

SHARKIVE!
CU ART MUSEUM
SCORES BIG

Be Boulder.



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UNIVERSITY OF COLORADO BOULDER

NOW

JANUARY 2018

In "The Rehearsal Artist," a new work by CU Boulder dance professor Michelle Ellsworth, the artist rotates inside an eight-foot-diameter wooden wheel. The audience sees only her head, encased in a box with an assortment of loose items — dolls, food, tiny furniture, plants. Ellsworth is fixed in position, but the objects all move, prompting reflection about "the nature of stability."

The New York Times proclaimed the work, performed at the American Realness festival in New York in January, "eccentric and marvelously original."





COVER "Elvis," Red Grooms: ©Shark's Ink., Lyons, Colo. Illustration courtesy Bud Shark.

ABOVE **Jordan Temkin** (Art'14) is a paid member of the Drone Racing League (DRL), which holds competitions worldwide in places as diverse as sporting arenas and abandoned shopping malls. Photo courtesy DRL.

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CU Boulder acquires a major trove of modern art.

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Avery Bang's (MCivEngr'09) nonprofit has built hundreds of footbridges in poor regions worldwide. Next up: A bridge in a U.S. boomtown.

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As our lives go digital, CU's Jed Brubaker is studying what happens to all that data after we die.

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How Google came to Boulder.

EDITOR'S NOTE

There was a time when I lived a few blocks down the street from an art museum with no entrance fee. When I was out and about running errands, I'd sometimes pop in to see my favorite painting, Van Gogh's "Night Café." I'd go straight to it, imagine the inner lives of its figures, picture myself in the scene, marvel over the thickness of the paint and brushstrokes — evidence of Van Gogh's own hand.

The whole visit would last five minutes.

Then I'd be on my way, pleasantly jolted by a brief encounter with genius.

In Boulder, the CU Art Museum's increasingly rich collection offers its own delightful opportunities for communing with artistic splendor. Thanks to the pending arrival of the Sharkive (page 15), visitors — you, perhaps? — will be able to behold work by legends of printmaking, including Red Grooms, John Buck and Betty Woodman.

Stopping by could make your day.

Admission's free.

Eric Gershon



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STOP THE VIOLENCE

Beverly Kingston (PhDSoc'05) directs CU Boulder's Center for the Study and Prevention of Violence (CSPV). Here she discusses preventive measures for children and mass shootings, and what needs to be done for the violence to end.

Do you define violence the way the rest of us do?

I use the Centers for Disease Control and Prevention's definition of violence, which says youth violence occurs when young people between the ages of 10 and 24 intentionally use physical force or power to threaten or harm others. At our center, we don't only focus on violence. We also look at anything that gets in the way of positive, healthy youth development.

What attributes do violent people tend to share?

We talk about risk and protection factors, similar to risk factors for cancer or heart disease. The more risk factors you have, such as a teenager engaging with delinquent peers or weak prosocial ties, and the fewer protective factors you have, such as supportive parents, the higher the likelihood of problems and violent behaviors.

America seems especially violent. Why?

We're not systematically addressing the underlying root causes of violence. We need to put resources into supporting the healthy development of our kids, our schools and our communities.

What can we do about mass shootings?

I use the tip of the iceberg analogy. At the tip are the shootings — what make the news. We were called quite a bit after Las Vegas, and what we say is, 'You've got to look underneath.' We know 20 to 25 percent of middle school students report being bullied in the past 30 days. Eighteen percent of our high school kids have seriously considered suicide in the past year. In middle school, it's about the same. Twenty-three percent of high school students reported being in a physical fight in the past year at school.

There's a lot of hurting kids, and a lot of lower levels of violence going on. Mass shootings are going to keep happening if we don't take a comprehensive public health approach to addressing youth violence and these sufferings of our children. The good news is we know a lot about what works to prevent violence. If we were able to put into place what works, we could reduce violence by 30 percent.

Your work focuses on violence prevention in young people. Why's that?

The best violence prevention begins early and continues through childhood and adolescence — we've tested effective programs to prevent violence throughout the life course. We also have intervention programs for those youth already engaged in violent behaviors that can substantially reduce the likelihood of serious violence and offer enormous cost savings to society.

What do you make of the way we talk about violence in the U.S.?

We've talked about violence in a limited way over time. If we were actually to put in place the key aspects of what makes nurturing environments, we'd be taking action to reduce violence. We also need to have public conversations about how racial disparities have affected the social determinants of health and how those factors have impacted violence.

When confronted with violence, how should a person react?

What we've known since Columbine and these mass shootings is a lot of people have information about the shooter. They saw red flags and warning signs, but didn't know what to do with them. In Colorado, we have Safe2Tell, an anonymous bystander reporting system answered by

the Colorado State Patrol. They follow up on every report. Many incidents in our state have been prevented by taking that positive action.

Given your subject of study, how do you avoid feeling sad, overwhelmed or scared?

I can get discouraged because these shootings keep happening and we keep repeating the same information over and over again with little sustained change. But I get really excited and hopeful because we do know so much about how to prevent violence. After the Newtown shooting, I was new to my job and I reviewed the 2001 Surgeon General's Report on Youth Violence to prepare for talking to the media. I was shocked to see that in the intro of the report, it said we have everything we need to know right now to prevent violence. I wonder what it is going to take to act on what we have.

I have a friend who works with victims. Her three-year-old son was killed in the '90s in a drive-by shooting in Northeast Park Hill. She said one of the things she started asking herself afterward was, 'What were the kids who shot my son not getting, and how can we give it to them?' That drives me.

Condensed and edited by Christie Sounart (Jour'12).

Campus

News SPRING 2018

CU Boulder Law Professor Named to State Supreme Court

MELISSA HART JOINS OTHER COLORADO JUSTICES WITH BUFF TIES



IN HER ROLE AS director of Colorado Law's Byron R. White Center, Melissa Hart brought a lot of distinguished judges to CU Boulder.

Now she's become one herself — in December, Colo. Gov. John Hickenlooper named the CU law professor to the state Supreme Court.

An expert in constitutional law, Hart first came to CU in 2000, after a pair of prominent legal clerkships, a law firm job in Washington, D.C., and experience as a trial attorney in the U.S. Department of Justice.

A graduate of East High School in Denver and Harvard Law School, she served as a U.S. Supreme Court clerk for former Justice John Paul Stevens.

"I am really excited to join the six justices currently on the court in working to make sure that our system is efficient and fair — that the work it does is clear and transparent, and that it works for people all over Colorado," Hart said after Hickenlooper announced her appointment, according to *The Denver Post*.

Hart — whose grandfather Archibald Cox served as U.S. Solicitor General under John F. Kennedy and as Watergate special prosecutor — had previously made the shortlist for a seat on Colorado's seven-member Supreme Court, in 2015.

She got another shot after Allison H. Eid — a former Colorado Law

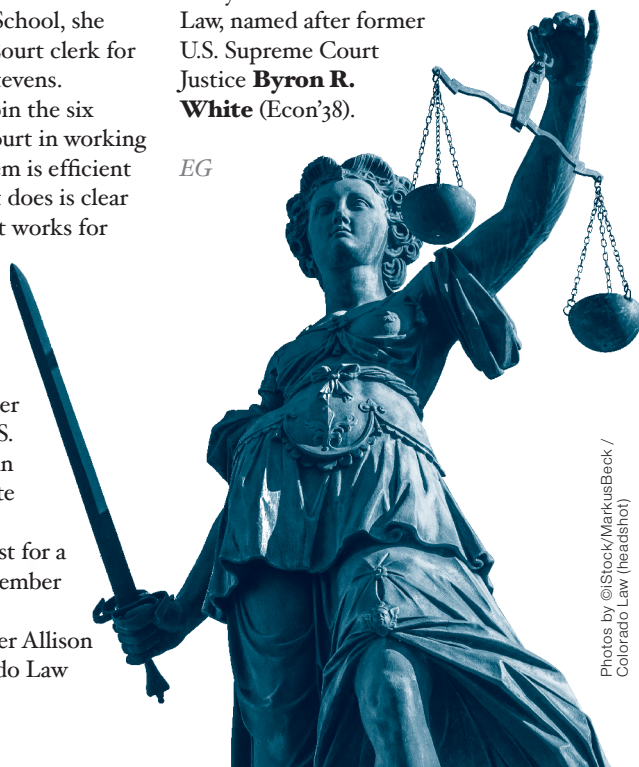
professor — left the court for a position on the 10th Circuit Court of Appeals. (That seat came open when its prior occupant — former visiting Colorado Law professor Neil Gorsuch — joined the U.S. Supreme Court last April.)

The Colorado Supreme Court has at least two other members with strong Buff ties: Justice **Nathan B. Coats** (Econ'71; Law'77) is an alumnus. Chief Justice Nancy E. Rice has been an adjunct law professor since 1987.

Hart will continue to teach a course at CU.

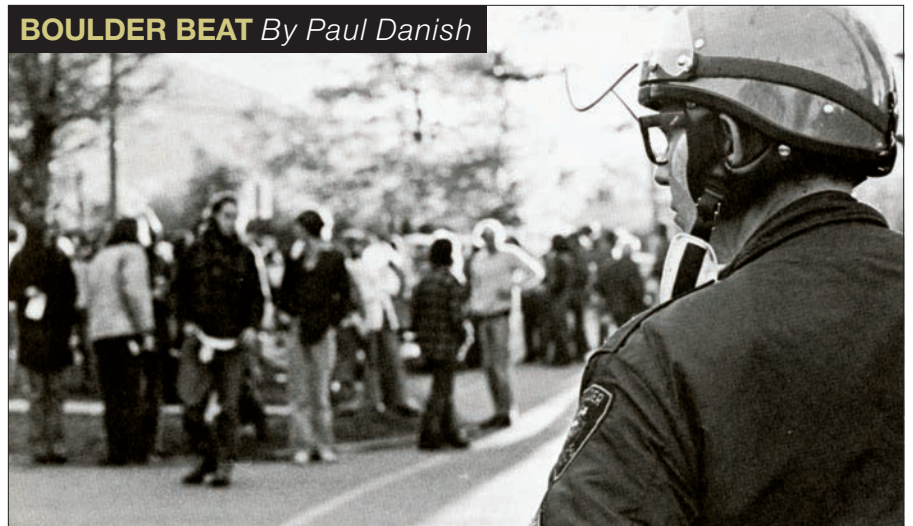
The law school will name a new director for the Byron R. White Center for the Study of American Constitutional Law, named after former U.S. Supreme Court Justice **Byron R. White** (Econ'38).

EG



Photos by ©iStock/MarkusBeck / Colorado Law (headshot)

BOULDER BEAT By Paul Danish



In May 1971, a riot broke out on The Hill, resulting in arrests and the destruction of several businesses.

RIOT OF '71

IT WAS THE WORST Hill riot ever.

It lasted three days.

Three police cars were overturned.

Jones Drug lost \$23,000 in merchandise to looters.

The Colorado Bookstore sustained \$25,000 in losses. It bricked up its signature two-story windows rather than replace them.

Cops in riot gear cleared the streets with tear gas — twice.

There were so many arrests a tent jail had to be set up.

The spark was struck Thursday, May 20, 1971.

Boulder police executed a version of what today is called broken-window policing — arresting 30 street people (aka transients, hippies and freaks in the parlance of the day) on mostly minor charges like blocking sidewalks, disorderly conduct, jaywalking and talking dirty in public (yeah, you could get arrested for that back then).

On Friday, May 21, a large crowd congregated on The Hill, "angry and looking for trouble," leading Hill merchants to call the cops.

Fourteen more arrests ensued.

A larger, angrier crowd gathered Saturday night.

Dennis Dube (Jour'71), who covered the riot for a local magazine from a nearby rooftop, reported that around 9:30 p.m. about 50 people surged across College Ave. from the Charcoal Chef toward five cops alongside the Hilltop Building, where the police had a new substation, "with one freak running full speed across College and round-housing an officer in the face."

Things deteriorated fast from there.

By 10:45 p.m. the police gave up trying to control the crowd, which had grown to 600, and retreated to 13th and Euclid as rocks, beer bottles, taunts and fists flew.

From 10:45 to 11:30 p.m. the rioters "systematically trashed The Hill," especially targeting the businesses most hostile to street people.

Looters raced across Broadway to hide their loot under campus shrubbery, and cops lay in wait to nab them.

At 11:30 p.m. police in riot gear and gas masks marched down 13th Street from Euclid drenching The Hill with tear gas.

Sunday night a crowd of about 300 returned to The Hill for another round. This time 140 police officers fired tear gas and repeatedly charged the rioters, who dispersed into the surrounding residential neighborhoods, where clashes continued for the next four hours. It wasn't totally over until Tuesday, May 25.

Hardly any CU students were involved.

The thing about the riot that made the most lasting impression on me was the bricking up of the Colorado Bookstore. To this day I still feel pangs about that when I walk past the building, which is now a Walgreens. For me it's an epitaph for the counterculture.

Since 1971, the riot has faded from memory, even legend. Chances are most alumni have never heard of it. The Hill has reinvented itself two or three times (and is currently doing it again). The businesses change. Continuity comes from the customers who, thanks to the time machine across the street, remain forever young.

Paul Danish (Hist'65) is a Coloradan columnist.

To Speak Arapaho

PRESERVING THE LANGUAGE OF AMERICA'S GREAT PLAINS

CU BOULDER SCHOLARS ARE helping to rescue the Arapaho language, once a major tongue in the Great Plains region, from near extinction.

Part of the Algonquian family of languages, Arapaho has fewer than 200 living speakers and no fluent speakers under the age of 60.

For the past 15 years, CU linguistics professor Andrew Cowell, and more recently doctoral student **Irina Wagner** (Anth, Ling'14; MLing'14), have collected and documented many hours of oral histories, stories and conversations from Native American elders in Wyoming and Oklahoma. Their work has blossomed into the Arapaho Language Project — a website providing language learners with tools for incorporating Arapaho into their everyday lives.

"In reality, for the language reclamation to work, young parents should be speaking it," said Wagner, who's been on the project since 2014. She's working on

a dissertation that explores how Arapaho grammar helps its speakers complain about other people without naming them directly.

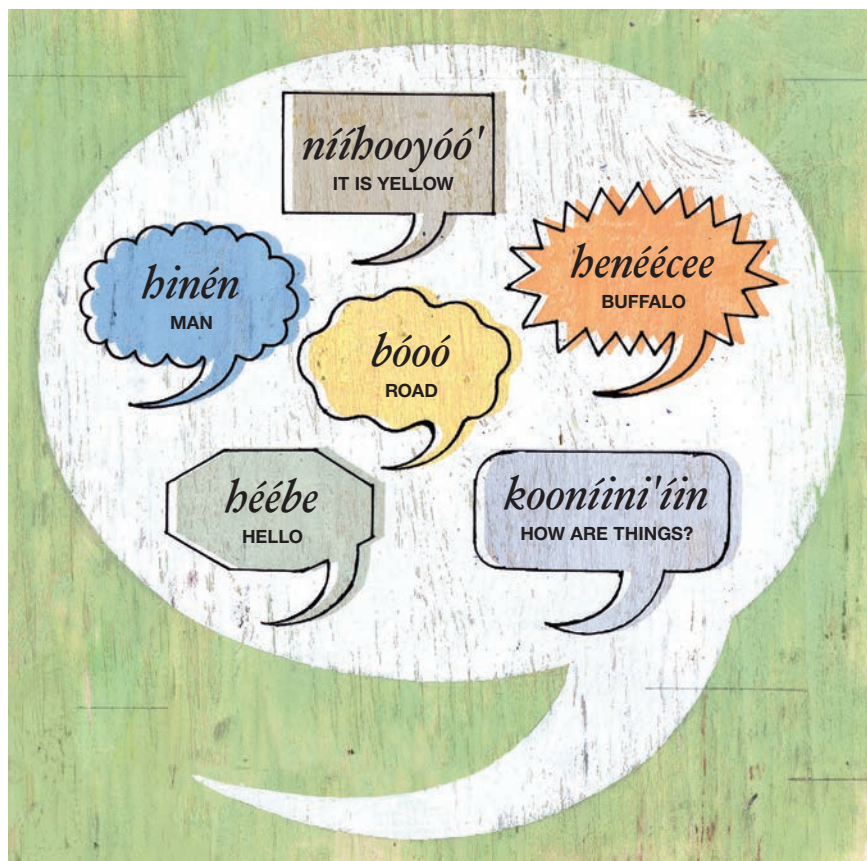
But with so few speakers and scarce other resources available, the language project can help fill the void, she said.

Initially established in 2003 with a grant from the Colorado Endowment for the Humanities, the expanded website now contains a variety of resources, including an Arapaho-English dictionary, pronunciation guides and bilingual curriculum materials. It also features Native American stories, prayers and name lists.

Find audio clips of spoken Arapaho on the Arapaho Language Project website: Colorado.edu/csilw/alp.

Additional clips are available on the CU Boulder Today website — search the words "Arapaho" and "gossip," and scroll to the bottom.

By *Amanda Clark* (M'jour'19)



JOHN GRISHAM LIKED IT

Bestselling novelist John Grisham found an article by Colorado Law professor Paul Campos so compelling, he calls it the inspiration for his latest book, *The Rooster Bar*.

As Grisham — author of the *The Firm*, *The Pelican Brief*, *The Client* and other huge bestsellers — publicized the new book late last year, he repeatedly cited Campos' 2014 nonfiction article in *The Atlantic*, telling CBS *This Morning* that it "really opened my eyes. It was a great piece. The novel was quickly born from that."

Campos' article, "The Law School Scam," is about the perils for students and society of expensive for-profit law schools with questionable admissions standards. Three students attending a fictional for-profit law school are at the center of *The Rooster Bar*.

After the book came out, Grisham sent Campos a copy and a note.

"It was nice, needless to say, to have a story like that featured in a John Grisham novel," Campos told the *Boulder Daily Camera*.

HEARD AROUND CAMPUS

"LET'S SAY YOU SEE A GREAT WHITE SHARK AND YOU ARE SCARED AND YOUR BRAIN WANTS TO FORM A MEMORY OF WHAT'S GOING ON. YOU HAVE TO MAKE NEW PROTEINS TO ENCODE THAT MEMORY."

— CU Boulder scientist Charles Hoeffler, on his recent research about the role of the protein AKT.

SOFT ROBOTS

CU Boulder engineers are developing a new breed of "soft" robot that can handle fragile objects, such as fruit, yet also lift heavy ones, such as a jug of water.

Made of various elastic materials and liquids and powered by electricity, the versatile, self-healing robots depend on something like artificial muscle to generate "the adaptability of an octopus arm, the speed of a hummingbird and the strength of an elephant," said Christoph Keplinger, the mechanical engineering professor whose research group leads the work.

For more details, see CU Boulder Today online. Search "flexible robots" and "octopus."

DIGITS

VARSITY LAKE

2.1

Million gallons of water, at capacity

1888

First bridge built; replaced 1935

28

Thousand square feet, surface area

4/1

Date irrigation ditch starts feeding lake, a manmade water source for campus irrigation systems

11/1

Date ditch supply is shut off for season, lowering water levels

12

Resident red-eared slider turtles (approx.)

LOOK SPECIMENS

Dipper

Cinclus mexicanus



Damselfly

Hetaerina americana

Asian Clam

Corbicula fluminea



Coryphodon

Coryphodon



Elephant's Head

Pedicularis groenlandica



LIFE IN COLORADO'S FRESHWATER

The University of Colorado Museum of Natural History is home to nearly 5 million objects and specimens. Twenty-eight of them star in a new exhibition of photographic prints called "Life in Colorado's Freshwater," now on display at the museum and nearby on campus. View them all online at colorado.edu/cumuseum/exhibits.



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OUR OWN INDIANA JONES

If **Earl Morris** (Psych1914; MA1916) wasn't the inspiration for Indiana Jones, you could be forgiven for thinking so: He looked the part.

A preeminent archaeologist of the American Southwest's Four Corners area and a seminal figure in the study of pre-European human societies in the broader region, Morris traveled to far-flung dusty digs in a truck called "Old Joe," a fedora shadowing his face.

"There are very few places I've worked where Morris wasn't there before me," said Stephen Lekson, curator of archaeology at the University of Colorado

Museum of Natural History and a professor of anthropology.

Understanding the early Southwest seems to have been destiny for Morris, who was born in New Mexico in 1889 and reported finding his first artifact, a dipper bowl, at age three.

During a four-decade-plus career, he excavated thousands of artifacts and many ruins, supported by museums, scientific organizations and universities, including CU, leading to a scrupulous portrait of the region before European settlement.

The museum today contains thousands of items Morris unearthed, among

them flutes, sandals, baskets, bags, pottery and weapons, Lekson said.

Morris studied various native societies throughout the Southwest and Central America, and was especially influential in revealing the story of the ancestral Pueblo Indians, once called Anasazi. He's also well known for his discovery and reconstruction of the Great Kiva, or great room, at what today is Aztec Ruins National Monument in New Mexico. (His dwelling there is now the visitor's center).

Morris worked closely with his first wife, archaeologist Ann Axtell Morris, who in 1933 wrote a general interest book called *Digging in the Southwest*.

Since the 1981 debut of Steven Spielberg's *Raiders of the Lost Ark*, the first Indiana Jones film, various sleuths have argued that Hiram Bingham III, who rediscovered Machu Picchu, seems to match the character most closely. But George Lucas, who wrote the film's story, has said the character was based on a type — "a soldier of fortune in a leather jacket and that kind of hat" common in 1930s serial films — not on a specific person.

So, Earl Morris, who died in Boulder in 1956, wasn't a pop culture archaeologist. He was a real one, and among the best.

By Eric Gershon

The SHARKIVE

CU BOULDER ACQUIRES A MAJOR TROVE OF MODERN ART.

By Eric Gershon



QUEEN ELIZABETH HAD JUST traveled the Tube, the first reigning British monarch to ride it.

The Tate released 90 pigeons in honor of Picasso's 90th birthday.

The Beatles split up, but the Rolling Stones were still packing Wembley's Empire Pool.

This was London in the early 1970s, and Bud Shark had come to make art.

"We arrived during the heyday of swinging London," said Shark (pictured), then in his mid-20s and soon to found a

celebrated Colorado printmaking studio with his wife and fellow artist, Barbara.

Over four years in Britain, the Sharks participated in a revival of fine art printmaking, learning new techniques and working with the likes of David Hockney. The experience set the stage for Sharks Lithography, established on Bluff Street in Boulder in 1976.

Now called Shark's Ink, it emerged as one of America's premier printmaking studios, a destination for luminaries of the form, including Red Grooms, John

Buck, Robert Kushner, Betty Woodman and Hung Liu. Major museums in New York, Chicago and San Francisco own works produced through artists' collaborations with the Sharks. And by mid-2018, the CU Art Museum will have the greatest Shark's Ink collection of all — the complete Sharkive, as it's called.

In February, CU Boulder announced its purchase of the signed archival impression of every original Shark's Ink print — about 750 original artworks — plus more than 2,000 related materials

and all future works.

The nearly \$1.35 million acquisition, years in the making and enabled by benefactors, is among the university's biggest art purchases to date, and will increase the campus museum's total holdings nearly 40 percent.

"This will be one of the most intact, comprehensive collections of its kind," said museum director Sandra Firmin.

A \$750,000 gift from the Kemper Family Foundations, UMB Bank provided the largest share of the cost.

CU's acquisition of the Sharkive keeps in Colorado a major trove of modern art, and makes accessible to scholars, students and visitors one of the most thorough collections anywhere of a major printmaking studio. The thousands of ancillary items related to the artworks — sketches, photographs, color proofs, correspondence — provide a full picture of the artistic process that led to the finished art.

BUD REMEMBERS THE YEARS TO COME AS INTENSE: COLORFUL, DEMANDING, EYE-OPENING.

“Outsiders often think that art is about the object,” said ceramicist Jeanne Quinn, a CU associate professor of art, “but really art is about the process.”

Shark's Ink's processes will soon be an open book.

“People from around the world will want to come and study this collection,” said benefactor Sheila Kemper Dietrich, a Colorado entrepreneur whose father founded the Kemper Museum of Contemporary Art in Kansas City and whose husband, Walter Dietrich, is a past chairman of the CU Art Museum's advisory board. “The ways this collection can be studied are endless.”

Lithography is a printmaking technique that involves pressing layers of ink and color into paper with

customized stone or metal plates. Jasper Johns, Jim Dine, Roy Lichtenstein and Picasso all made lithographs.

Bud Shark discovered the medium in Moorhead, Minn., near his hometown of Fargo, N.D. It was 1966 and he was a University of Wisconsin student home for winter break. Visiting a gallery where he'd taken painting classes, a new artwork caught his eye.

“It kind of looked like a drawing, but I knew it wasn't a drawing, because the drawing wasn't on the paper, it was *in* the paper,” he said. “I talked to the gallery director, who was a friend at that point, and said, ‘What is it?’ He said, ‘It's a lithograph.’”

Back in Madison, Bud found a lithography course, and his life's work.

At graduate school in New Mexico, he met two hugely influential people: Fellow art student Barbara Ball, his future wife and Shark's Ink partner, and the rising British abstract painter Bernard Cohen.

Through a printmaking workshop called Tamarind, then in Los Angeles, Bud found he enjoyed the process and techniques of lithography as much as the design of art. Tamarind also suggested a business model in which the master printmaker co-owned the artworks with the artist and marketed them.

“That experience was what made me decide I wanted to be a collaborative printer,” Bud said.

As art school ended, Cohen connected the Sharks with a studio in London, where a printmaking revival was getting underway.

Bud remembers the years to come as intense: Colorful, demanding, eye-opening.

After the Sharks became parents, family in Colorado drew them to Boulder.

“I was pretty naïve when I opened the studio,” Bud, now 71, said in an interview at Shark's Ink, which moved to a

scenic hillside property in Lyons, Colo., in 1998. “One day I said, ‘I don't have any work.’”

He took some contract projects “to get things rolling,” he said. But his goal was to work with artists, participating in the act of creation and jointly owning prints the Sharks would sell through dealers and galleries or directly to collectors.

Good luck struck early.

Within months, Cohen came calling. His London gallery had asked for new art, and he said he'd do it, provided he could work in Boulder with the Sharks — “a huge break for us,” Bud said.

During a month-long stay, Cohen — whose prior work was the subject of a show at The Tate that same summer — produced six original lithographs. They sold through his gallery, putting the Sharks' fledgling Colorado studio on the radar of international tastemakers.

“That was a turning point,” Bud said.

Since then, the Sharks have worked with about 160 artists of all kinds — ceramicists, painters, sculptors, filmmakers, as well as printmakers — to render their visions as prints.

YOU HAVE TO THINK BACKWARDS AND IN LAYERS.

For years, Barbara, a writer, painter and cook, has led production of an exhaustive Sharkive catalog. She is scheduled to publish a book about her life, art and recipes in April.

Shark's Ink remains a busy place. Each year about a dozen invited artists come to work in the 1,800-square-foot studio, a quiet, tidy workshop with west-facing views of Mount Audubon and vast stretches of land thick with trees.

The artists — Bud favors “iconoclasts” — live with the Sharks, steps from the studio, putting in long hours over visits of as long as two weeks.

The artists conceive a design. Bud advises on color combinations, paper selection and the subtleties and hazards of lithographic technique.



“I plan on continuing to print until I can't anymore,” said Shark, above.

“You have to think backwards and in layers,” said Firmin, the museum director. “Bud really guides artists through that.”

Bud then produces the prints — applying colors one at a time through multiple pressings for each artwork. After the artist signs the numbered impressions, typically 40, Bud cancels the plates, guaranteeing a limited edition.

“We don't know what it's going to look like until we put all the colors on together,” he said.

The final prints, which range in size from about 10 by 12 inches to 6 feet by 6 feet, sell for between \$300 and \$10,000 each, depending on size, complexity and artist, Bud said.

The Sharks do it all with help from longtime assistants Roseanne Colachis, whose diverse duties include assembling three-dimensional prints, and printing assistant Evan Colbert.

“We couldn't do what we do without them,” Bud said.

The first Shark's Ink artworks arrived at CU in mid-winter, as curators were busy adding museum-quality storage units for the collection and planning ways to make it widely accessible.

In late February, a small number of the prints went on display. The full collection arrives this summer, and by mid-2019 most of the Sharkive will be available for view by appointment. A major CU Art Museum exhibition is planned for 2021.

Curators are also considering future traveling mini exhibitions.

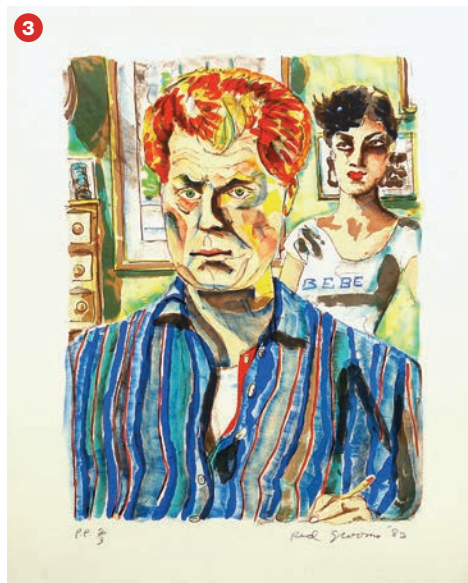
They'll have a growing collection to choose from.

“I plan on continuing to print until I can't anymore,” Bud said.

Eric Gershon is editor of the Coloradan.



The Ming Sisters:
Betty Woodman



1. *The Cat*: John Buck 2. *Spells and Incantations*: Jane Hammond 3. *Self-Portrait with Liz*: Red Grooms 4. *Aliens Sans Frontières*: Enrique Chagoya 5. *Crossing the River: Leaping*: Hung Liu 6. *Eye Candy*: Evan Colbert 7. *Wave Warrior*: Don Ed Hardy 8. *Dulzura*: Rafael Ferrer 9. *Morning, Noon, Night*: Robert Kushner

The BRIDGE

AVERY BANG'S NONPROFIT HAS BUILT HUNDREDS OF FOOTBRIDGES WORLDWIDE, GIVING ISOLATED LOCALS IN POOR COUNTRIES ACCESS TO VITAL RESOURCES. NOW SHE'S WORKING ON A BRIDGE IN A U.S. BOOMTOWN.

By **Christie Sounart**



AVERY BANG (MCIVENGR'09) KNOWS a simple footbridge can change lives.

As CEO of the nonprofit Bridges to Prosperity, she and her team have constructed more than 250 pathways over otherwise impassible rivers in countries as far away and far apart as Rwanda, Bolivia and Haiti. Typically built by locals working with Bridges to Prosperity staff at a cost of about \$60,000, the bridges connect nearly one million people to schools, medical providers, food and jobs.

But not every community that needs a bridge is far away: As Bang sees it, parts of Denver could use one, too.

Beginning late this spring, a cable-suspended footbridge conceived, designed and funded by Bridges to Prosperity will be built across Denver's South Platte River. It will connect the isolated, low-income Globeville neighborhood with the booming River North Art District (RiNo) and nearby Brighton Boulevard.

Bang saw a need for the bridge while running along the Platte nearly four years ago. RiNo — where she lives and Bridges to Prosperity has its headquarters — is a thriving neighborhood rich in retail stores and groceries, healthcare providers, schools and citywide transit connections. But the Platte and two

On social media, local developer Zeppelin Development had proposed a bridge design that involved putting train boxcars in the river.

"Me being the nerdy bridge engineer thought, 'That's not possible,'" Bang said.

She decided the 17-year-old Bridges to Prosperity should pursue its first-ever U.S. project — and could do it for \$3 million by using the same materials they would use for a bridge outside the U.S.

"We could build this same bridge in Nicaragua for \$100,000," said Bang, noting the permitting and materials cost is much higher in the U.S.

The organization partnered with Zeppelin, which pledged \$1 million and serves as the developer. Bang's group separately is working to close the remaining \$750,000 fundraising gap.

To design the bridge, Bang approached frequent collaborator **Scott McNary** (CivEngr'81; MS'84), founding partner of Broomfield, Colo.-based engineering firm McNary Bergeron and Associates. Because the bridge must be built at a skew with minimal supports in the flood-prone river, he employed a standard suspension design with a more than 270-foot-long arched walkway, swooping cables and two giant steel towers.

Rendering



interstates separate the often-neglected Globeville residents from RiNo's abundance, mainly accessible by car or bus.

"This bridge is about serving a low-access population," said Bang, who studied civil engineering at CU and joined Bridges to Prosperity as a volunteer in 2006 after observing a footbridge project in Fiji. She became CEO in 2008.

Denver officials have seen the need for a bridge in the area for nearly a decade, Bang said, but estimate it would take years and \$6 million to build. Downstream, the Millennium and Highlands footbridges cost \$10 million and \$5 million, respectively.

There are plans for a street artist to adorn it, tentatively called the "Art Bridge." It is expected to open by fall.

For now, Bang said, Bridges to Prosperity will continue to focus on needs outside the U.S. But she hopes the Globeville-RiNo project proves bridges in America can be reimagined to the benefit of underserved populations.

"There are a billion people in the world who can't get to where they need to go," she said.

Some of them are right here in America.

Christie Sounart (four'12) is associate editor of the *Coloradan*.

SEVEN DECADES OF THE WORLD TODAY

CU Boulder's annual Conference on World Affairs turns 70 in April.

Founded in 1948 as a way to exchange ideas on central issues of our time, the five-day extravaganza gathers scores of movers and shakers from all quarters for spirited discussions about the state of the world. Nuclear security, artificial intelligence and climate change will get a hearing this year, among dozens of other topics. And if the past is a guide, the lighter side of society will surface, too: Selfies, zombies, video games and Tinder have all had their moment in the sun.

For the full 2018 lineup, see colorado.edu/cwa.

Panels of the Past

- Traditional Families: Going, Going, Gone
- The Importance of Adventure
- What Would the Founding Fathers Do?
- (Anti)social Media
- The Blues Saved My Life
- What Water Is Trying to Tell Us
- How Politics Derailed Science
- Millennials in the Workplace
- Anthropology of War

Selected 2018 Speakers

- Amanda Gorman**
Inaugural U.S. Youth Poet Laureate
- Heather Roff**
Research Scientist for Google DeepMind
- Kate Williams**
1% for the Planet CEO
- Kim Severson**
The New York Times food culture correspondent

FUN FACTS ABOUT THE CWA

First conference
1948

Runs for
5
days every April, this year April 9-13



Brings speakers and performers from across the nation and globe to Boulder

100
Unpaid participants travel to the conference and are hosted by locals

200
Panels, performances and discussions

20,000+
Live campus audience

Full list of 2018 participants:
colorado.edu/cwa/2018-speakers-performers



2007

JOE BIDEN
U.S. Vice President and senator

2016



STEVE WOZNIAK*
(EIngr ex'72; HonDoc Sci'89)
Co-Founder of Apple Inc.

*Wozniak's appearance was jointly arranged with the Cultural Events Board

2017



RICK BAYLESS
Chef

2004

ARIANA HUFFINGTON
Co-founder of *The Huffington Post*

2007



RACHEL MADDOW
TV host and political commentator

1966

RALPH NADER
Consumer advocate, presidential candidate

1970



ROGER EBERT
(HonDoc-Hum'93)
Film Critic
Regular participant starting in 1970

1988

TED TURNER
Media mogul and philanthropist

1955

ELEANOR ROOSEVELT
Former First Lady of the United States

1961



HENRY KISSINGER
Statesman; later, Nobel Peace Prize winner

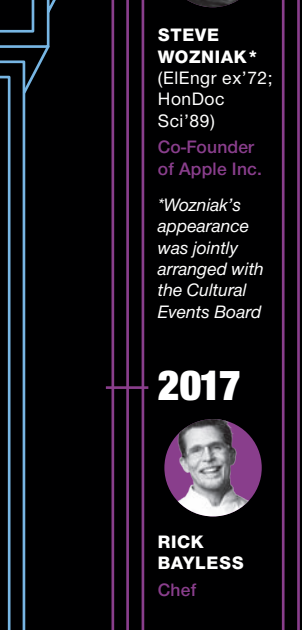
1973

ANNIE LEIBOVITZ
Photographer

2002



PATCH ADAMS
Physician and comedian



Life after DEATH on the Internet

AS OUR LIVES GO DIGITAL, JED BRUBAKER IS STUDYING WHAT HAPPENS TO ALL THAT DATA AFTER WE DIE.

By Lisa Marshall

IF JED BRUBAKER WERE to die tomorrow, his husband, Steven, would become the steward of his Facebook page.

His profile picture would remain as it is today, a neat headshot of the 36-year-old assistant professor sporting a goatee, pale blue glasses and a slightly mischievous smile. His cover image might be switched to the lake in Utah where he'd like to have his ashes spread. Above that picture would be a single word, "Remembering," carefully chosen to alert visitors that he was gone but, in this sacred online space, not forgotten.

Brubaker has painstakingly thought through this scenario, not because he is obsessed with death or Facebook, but because it's his job to think about it.

As one of the few scholars in the nation to study what happens to our data — including our social media presence — after we die, he's been instrumental in developing Facebook's Legacy Contact, the feature that enables users to determine the postmortem fate of their profile. Now, as a founding faculty member in CU Boulder's new information science department, he's working to further improve the ways people experience death online, via new algorithms, apps and features designed to sensitively

Illustration by Josh Cochran



acknowledge a fact tech companies have tended to ignore: People die.

“In social computing, companies think about designing for all kinds of different aspects of our lives — wedding anniversaries, birthdays, you name it,” said Brubaker. “But they have overlooked perhaps the most profound one of all, which is when those lives come to an end.”

That’s where he comes in.

“I’m that guy,” he said. “I’m the death guy.”

PATHWAYS

Brubaker’s circuitous career path wound through the arts, psychology and tech before leading to a nascent field that manages to incorporate all of the above.

Growing up in Utah, where he was an avid dancer, he dreamed of a career in theater. But his empathetic nature drew him toward psychology. He earned that degree at University of Utah while doing web design on the side, a gig that detoured him into the tech startup world for five years.

Once that life ceased to fulfill him, he pursued a master’s in communication, culture and technology at Georgetown University. When his adviser suggested he get a PhD in information science, he shot him a blank look: “I said, ‘What is information science?’”

I HOPE DEATH IS A LITTLE BIT KINDER TO PEOPLE.

Comment

Share

The field, which explores the messy intersection of social science and computer science, seemed a perfect fit.

“I tend to gravitate toward the stuff that doesn’t make sense yet, where the fundamental research question is WTF?” he said.

In 2009, while working toward his PhD at the University of California Irvine, he was scrolling through the Facebook page of an acquaintance when he sensed something odd.

Posts on her “wall,” or digital message board, seemed to come mostly on birthdays and carried a somber tone. A few

more minutes of scrolling confirmed his sinking feeling.

She was dead, but Facebook had continued to send out birthday reminders and advance her age in her profile. Online, she was 23. In the flesh, she never made it to 20.

“It was eerie,” he recalls.

Not long after that, Facebook launched a well-meaning algorithm called “Reconnect” which sent a message to users encouraging them to “share the latest news” with Facebook friends who hadn’t logged on for a while. The launch, shortly before Halloween, was a PR disaster, as many users got messages nudging them to post on the walls of people who hadn’t logged on for good reason. They’d died.

“It was a technical screw up with very deep social consequences, but how could Facebook have done any differently?” Brubaker recalls. “If people are dead, they can’t remove their own accounts, and if Facebook doesn’t know they are dead, how can they exclude them from these algorithms? It was a bigger problem than anyone realized at the time.”

As Brubaker watched heartbroken family members express their frustration on social media — one woman was asked to contact a friend who had recently been murdered; another was encouraged to post on the wall of her deceased son — he arrived at his next research project.

He would spend the next five years interviewing hundreds of social media users about their encounters with postmortem accounts.

“He saw this issue emerging and took it upon himself to completely

redefine a new research area,” said Gillian Hayes, a professor of informatics at UC Irvine and Brubaker’s adviser at the time.

DIGITAL TOMBSTONE

Almost overwhelmingly, people he interviewed about their interaction with the pages of dead loved ones said they liked having a sort of “digital tombstone” where they could post messages, share stories and grieve.

But privacy settings often had sad unintended consequences.

At the time, Facebook managed member deaths — if it learned of them



I'M THAT GUY — THE DEATH GUY.

Like

Comment

Share

at all — by “memorializing” or freezing their account. The profile still existed for people to post on, but no one had access to control it or manage it.

In some cases, adolescent users died suddenly, leaving behind a profile photo their parents found objectionable (a party pic, a snarky cartoon). When loved ones asked to have the photo changed, Facebook — lacking any idea what the deceased person would have wanted — would decline. In one case, a grieving father who was not friends with his son on Facebook asked if he could be added as a friend so he could participate in the remembrances. He couldn’t be.

Once the company got wind of Brubaker’s research, it enlisted his help, not only to provide insight into the problem, but to help solve it.

In February 2015, when Brubaker was still a student, Facebook launched Legacy Contact, allowing users to designate a steward of their account who could write a final post, change or update profile or cover photos, add friends and even download photos to share with loved ones not on Facebook.

The carefully chosen word “Remembering” would gently indicate the person had passed, while inviting visitors to interact.

“It can often be so hard for young researchers to get the outside world to care about their research,” said Hayes. “To have Facebook launch this product based on his research while he was still writing his dissertation was just amazing.”

A KINDER, GENTLER WAKE

Brubaker continues to work with Facebook to study and refine Legacy Contact, and his research has inspired other social media companies to explore how they deal with user deaths.

At his Identity Lab on the CU campus, Brubaker also has begun exploring other challenges related to online discourse about life, identity and death.

Because social media enables us to rediscover acquaintances we haven’t spoken

with for decades, for instance, we are now subjected to more individual deaths than any generation that has come before us. That raises sticky questions.

“How are you supposed to grieve the death of someone you would have otherwise forgotten?” he said, noting that when people grieve too openly online, they’re often accused of “rubbernecking” or “grief tourism.”

In one recent study co-authored with **Katie Gach**, a doctoral student at CU’s ATLAS Institute, the duo analyzed thousands of online comments responding to the deaths of Prince, David Bowie and actor Alan Rickman. They found that commenters routinely mocked others. Some even dissed the dead.

“These people were fighting in what was essentially an online wake. This would never happen in a normal, pre-news-feed world,” said Brubaker, who believes subtle changes could be made to algorithms (which tend to get the most clicks) don’t necessarily rise to the top. He and his students are also mulling outside-the-box ideas that could someday extend the way we interact with the dead via their data.

Want to go to grandma’s favorite restaurant and order her favorite dish on her birthday? Maybe you could tap into her Yelp data to find out what it was.

Missing an old friend? Maybe you could summon a data-driven, holographic representation of her.

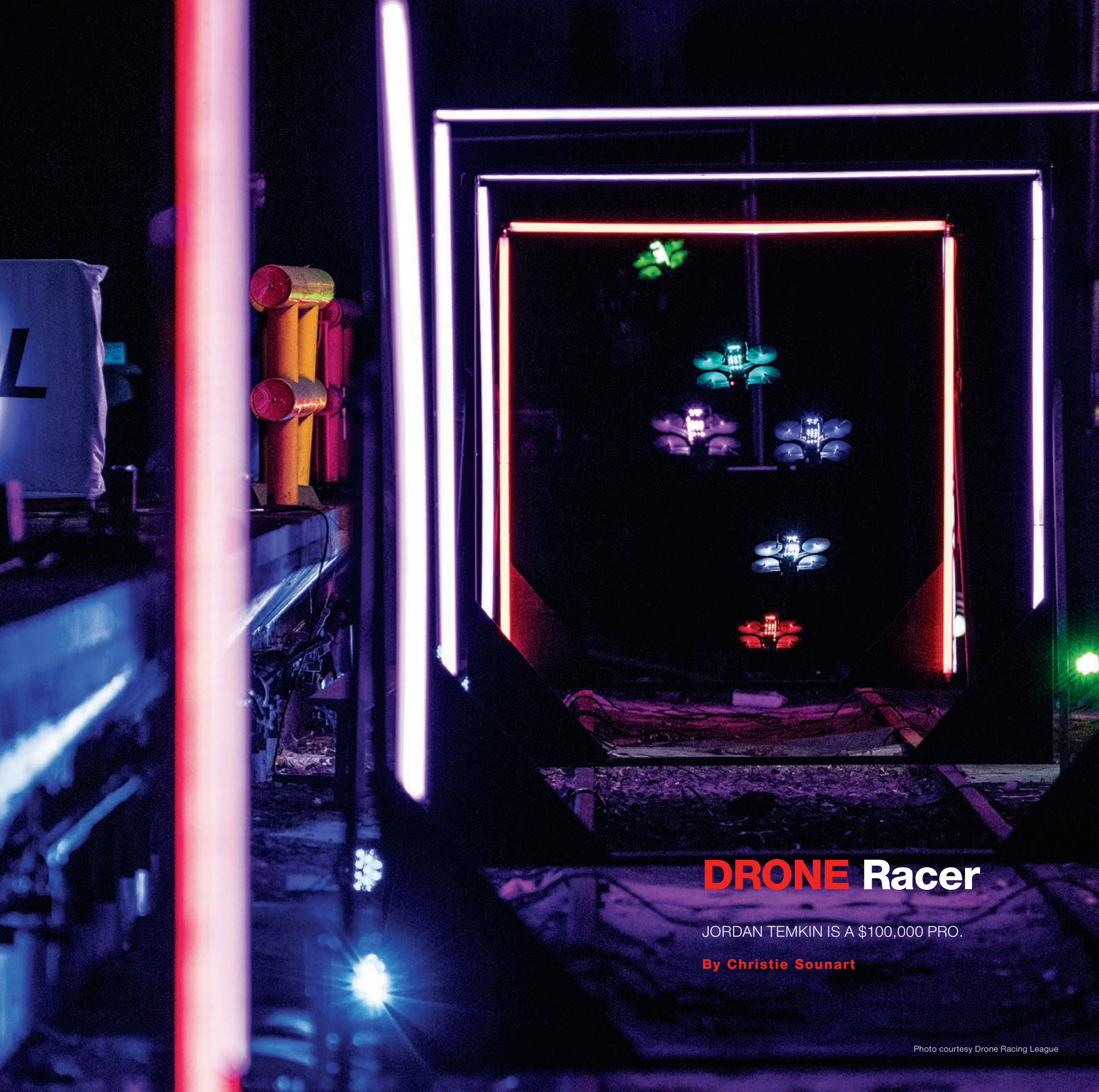
Brubaker knows this sounds creepy. But there was a time when photographs or videos of the dead seemed creepy to the living. As technology changes, we change too.

“Whether it will be acceptable or not all depends on how it is designed,” he said.

How would he like to see his own memory live on?

“I just hope that as a result of my work, death is a little bit kinder to people.”

Lisa Marshall writes for CU Boulder.



DRONE Racer

JORDAN TEMKIN IS A \$100,000 PRO.

By Christie Sounart



Boosted by ESPN and the drone community, Temkin emerged as a leading figure in drone racing.

BEFORE THEY BROUGHT HIM money and a measure of celebrity, drones offered **Jordan Temkin** (Art'14) a way to stand out.

Eager to distinguish himself from his fellow art students during his senior year at CU, Temkin realized he could use drones to capture footage from unique angles. A skier and photographer from Seattle, he envisioned aerial action shots of his friends on mountain bikes and skis.

All he needed was a drone of his own.

So he built one, using inexpensive parts he bought online and a frame fashioned on his 3D printer.

I FELL IN LOVE WITH THE IDEA OF BEING ABLE TO FLY.

“It took me about six months before I was actually having fun with it,” said Temkin, 26. “It was more frustrated tinkering up until then.”

After a few troublesome attempts, Temkin successfully flew his drone in September 2014 with a GoPro camera strapped to it. Standing in Boulder’s Chautauqua Park, he pulled on a pair of goggles that live-streamed Flatirons footage as he controlled the drone from the ground.

He felt as if he himself was being

transported into the air.

“I absolutely fell in love with that,” he said. “Just the idea of being able to fly.”

The adrenaline rush was the same one he felt while ski racing. And he wanted more of it.

The rewards have been more than he imagined — cash prizes, free trips, a TV show on ESPN and two racing contracts with the Drone Racing League (DRL).

The transition from art student to drone racer was swift.

After graduating in 2014, Temkin worked full time at a Boulder sandwich shop and continued building, flying and racing drones with a few others around Colorado.

Unlike his leisurely flights through Boulder’s canyons and over trees, competitive racing required him to master tricky maneuvers such as careening through hoops and around obstacles at speeds

sometimes reaching more than 100 miles per hour. He always wore goggles that allowed him to see only what the drone saw, referred to in the drone world as flying “FPV,” or first-person view. Crashes were — and still are — common.

As drones became more familiar in society at large, so did competitive races. The cash prizes grew. And Temkin often emerged the winner.

He quit his job at the sandwich shop, moved to Fort Collins — which was



Racers perform tricky maneuvers, such as careening through hoops and around obstacles.

more drone-friendly than Boulder — and entered races across the U.S., many of which featured up to 150 competitors.

Temkin’s performances caught the attention of the New York-based Drone Racing League, founded in January 2016 by a former Tough Mudder executive. The league invited Temkin to compete in its inaugural season against 11 other racers in a series of five competitions across the U.S. He readily accepted. The races were filmed in locations as diverse as the Miami Dolphins’ football stadium, the former Bell Labs headquarters in New Jersey and an abandoned Los Angeles mall.

The 10-episode series aired on ESPN in fall 2016. It highlighted competitors’ top-speed thrills as they raced through the dark venues and darted among flashy, neon-lit obstacles. The inevitable crashes were spectacular.

Temkin won the championship, its one-year, \$100,000 contract and the title “world’s first professional drone pilot.”

“Jordan is able to stay in the zone and concentrate when it counts,” said Ryan Gury, DRL’s director of product and technologies. “I remember his first race at Bell Labs. He crashed out of the first few heats and was doing quite poorly. When I approached him to see how he was managing, he smiled and said, ‘All good, man. I just have to win the rest.’ And then he did.”

Boosted by the ESPN broadcast and the fast-growing drone community,

Temkin emerged as a leading figure in drone racing.

TEMKIN IS THE WORLD’S FIRST PROFESSIONAL DRONE PILOT.

In DRL’s second season, he again took the championship — filmed in London — and another \$100,000, year-long contract. His parents were in attendance. All told, DRL’s first two seasons attracted more than 55 million broadcast views in more than 75 countries, said Gury.

“I can see myself doing this for as long as I can get away with it,” said Temkin, who adopted the pilot name “JET,” his initials.

Temkin occasionally prepares himself for competition by setting up a course filled with hula hoops and soccer goals with the nets cut out. But that’s not his favorite way to practice.

Instead — as he did at the start of it all — he prefers to grab his drone, drive to the mountains, slip on his goggles and fall into the reverie of flight.

“I get to go to the very top of mountains,” he said.

Christie Sounart (Jour'12) is associate editor of the Coloradan.

RESEARCH On the Road

CU BOULDER SCIENTISTS TAKE
A CREATIVE APPROACH TO
STUDYING CANNABIS.

By Trent Knoss



THE MOST UNORTHODOX CANNABIS research lab in Colorado is always on the move. You may have driven behind it on Foot-hills Parkway on its way to a testing site. You may have walked past as it idled on a neighborhood lane, collecting blood samples from a volunteer. The nondescript Dodge Sprinter does its best to keep a low profile, but you may already know it by one of its nicknames: The CannaVan, say, or The Mystery Machine.

A van that drives around studying stoned people! In Boulder! The snarky jokes practically write themselves. But look closer and it becomes apparent that the unusual project, led by CU's CHANGE Lab, is succeeding where past cannabis research efforts have stalled.

"People always want to talk about the van, which is really just a mobile pharmacology lab," said assistant professor Cinnamon Bidwell. "It's gotten a lot of fun names, but it's actually one of the most important tools we have to study cannabis use."

Cannabis research requires a mix of creativity and caution. Despite Colorado's legalization of adult recreational use in 2012, the plant remains illegal federally. Researchers at federally funded universities like CU may not handle, store, consume, purchase or provide cannabis to research subjects without putting their institutions in potentially serious legal jeopardy.

The van offers a workaround. After it arrives at an off-campus private

same tests under the influence. The result: A before-and-after snapshot that keeps the CHANGE Lab on the right side of the law.

"We're able to add the elements of laboratory control that we would like to have in place without dosing the volunteers or providing the products," Bidwell says.

Afterward, the van rumbles off to its next appointment with fresh data that will help answer key questions. But a larger one remains: Why is studying an important public health matter so complicated?

HARD SCIENCE

For now, cannabis has gained a nationwide foothold. Over the past five years, eight states have legalized recreational use and 29 states allow medical marijuana prescriptions. In 2016, cannabis sales in North America totaled \$6.7 billion; they are expected to continue growing by 25 percent annually through 2021.

"Attitudes are changing and have been for a long time," said professor Kent Hutchison of the CHANGE Lab and the Institute of Cognitive Science.

Widespread legalization created a boom in readily available cannabis products. In terms of THC, the plant's main psychoactive ingredient, several common marijuana strains average close to 15 percent potency — a four-fold increase since the 1990s. But cannabis edibles are even higher, and some concentrates can even approach 95 percent potency. With such wide-ranging options and little or no trustworthy science to refer to, the public is navigating blind.

"Research has lagged behind significantly," Hutchison said. "And that's the crux of the problem: Consumers with no information."

Bidwell added: "In the context of a research study, nobody has assessed how intoxicating these products are or studied the effects on behaviors such as driving."

Enter the CHANGE Lab. Co-directed by neuroscientists Bidwell, Hutchison and professor Angela Bryan, it began in 2012 as an outgrowth of the group's interest in addiction and cognitive function. With cannabis on the ballot

that same year in Colorado, they began exploring potential avenues for studying a drug with major question marks not only about its ability to impair, but also its potential to alleviate inflammatory conditions such as arthritis, diabetes, anxiety and insomnia.

In the background, CU's long, fraught association with marijuana loomed large. The school has worked hard to dissolve old stereotypes, symbolized by photos of a haze-filled Norlin Quad every April 20. (The campus is designated as smoke-free and prohibits marijuana use, possession and distribution.)

Erring on the side of caution would have been understandable. Still, the CHANGE Lab pushed ahead with ambitious proposals, poking and prodding at the guidelines to find ways of doing meaningful research with one hand tied behind its back.

"We went back and forth with university leadership, and they were super helpful in terms of trying to problem solve with us," Hutchison said.

The group also found a natural ally in assistant professor Nolan Kane, a CU biologist who had been pursuing ways to sequence cannabis DNA. Kane, who co-founded the Cannabis Genomic Research Initiative with postdoctoral student Daniela Vergara, wanted to create a compendium of strains and decode the plant's genetic mechanisms.

"Cannabis is fascinating because it has lots of genetic differences, which is why you can do so many things with it," Vergara says. "It's used for hemp fiber, paper, oil, and the seeds are edible... There are literally hundreds of compounds that can be extracted from it. But without further study, we still don't really know why it interacts with our body the way it does."

REALITY CHECK

Kane and Vergara had encountered the same frustrating restrictions, but hit on the idea of acquiring DNA data from independent testing laboratories and then partnering with a seed company to compile genetic information from sample plants. Third-party groups aren't subject to the same restrictions as CU, and a spreadsheet wouldn't break any rules.

In 2016, the duo (working with Bidwell and Hutchison) published genomic research showing that the common cannabis

strains used in official federal government statistics average between 5 and 6 percent THC content, but those sold recreationally in Denver and Seattle average closer to 20 percent — a staggering reality check that made national news.

"If you're studying wine or tobacco, for example, you study the stuff people actually use," Vergara

said, adding that the research only underscored the need for up-to-date information on cannabis.

Legal cannabis continues to face uncertainty. Federal enforcement could change any time. Colorado lawmakers could enact new laws affecting recreational usage. Dispensaries and regulators maintain a wary truce. But the CHANGE Lab's work has buoyed optimism that the underlying science finally could start catching up.

"I hope our efforts and our experiment designs embolden other universities to pursue these kinds of studies, too," Hutchison said.

He's planning more studies designed to test hypotheses about positive uses of the drug. Cannabis may be able to help wean users off opioids, for example, or help the elderly with pain and inflammation. He also wants to examine cannabis use by military veterans to see whether it alleviates or exacerbates post-traumatic stress disorder, a divisive topic among veterans.

In 2016, Bidwell secured nearly \$900,000 from Colorado's Department of Public Health and Environment to study high-potency cannabis use with her mobile laboratory. The award, coupled with funding for Hutchison from the National Institute on Drug Abuse, represented a watershed moment for the lab. The van project officially had the green light.

Bidwell will soon have operated the van for about a year. Her team has started a crowdfunding campaign to acquire a second one, in hopes of expanding its work. Meanwhile, she hopes data collected by the current Dodge Sprinter helps fill the cannabis information gap.

"I think individuals are savvy and they want to base their personal decisions or personal medical decisions on empirical data," she said. "Right now, they don't really have that and so they're grasping for straws."

Trent Knoss writes about science for CU.



residence, a non-CU-affiliated volunteer enters and completes a series of cognitive tests as well as a blood draw. Then he reenters his home, consumes a high-potency cannabis product and comes back to the van to retake the



@LAST

HOW GOOGLE CAME TO BOULDER.

By Eric Gershon

IT'S HARD TO BELIEVE now, but there was a time when there was no Google in Boulder.

No 700-employee (and growing) workforce.

No multi-building campus at Pearl and 30th Streets with aspens in the lobby, indoor fire pit and lovingly restored 1961 camper for meetings.

No chatter about how the world's most famous search engine would figure in the life and rhythms of this small, iconic city.

For **Brad Schell** (ArchEngr'82), the pre-Google days were a happy blur:

In the 1980s and '90s, he and partners were building companies from scratch. One of them, it turned out, would prove to be a Google magnet: In 2006, the tech giant acquired @Last Software, establishing a Boulder beachhead that has evolved into a major U.S. office. Google moved into its new, \$131 million Boulder site in December.

Today, Google is both a marquee local employer and — along with outposts of Twitter and Microsoft — a powerful symbol of Boulder's flourishing tech industry.

"There's a lot of people in this town

that go for it," said Schell, who at 57 sports thick ringlets of blond hair worthy of a cinema surfing champ. "You get excited about something and you want to see if you can bring it to life."

Like the '80s, '90s and early 2000s, the Google era has also been exciting for Schell, who moved to town in 1978 as a CU freshman from Steamboat Springs, one of five Schell siblings to attend CU Boulder.

After working for Google for about a year, he embarked on a series of adventures — boat-building school in Maine, Spanish lessons in Guatemala, a

tour of Baja by camper, kite surfing in the Pacific Northwest and an array of business endeavors in tech, real estate and wind energy. Most mornings you can find him at Boxcar Coffee Roasters on Pearl, an animated and friendly *eminent* *grise* of the Boulder tech scene.

From time to time, he drops by Google's new offices, where many members

of the former @Last crew still work, including site director Scott Green — the top Googler in Boulder.

"We still talk about how damn much fun it was," Schell said.

The short version of the @Last-Google story goes like this:

Keen to work for himself, Schell in 1989 co-founded CadZooks, a small Boulder software firm that vastly simplified the production of complex construction drawings, largely automating what once required intense labor by skilled draftsmen able to think in 3D. After California-based Autodesk acquired CadZooks in 1996, Schell stayed on for a while, then turned toward new possibilities.

When Joe Esch, a software developer he knew, suggested starting a new company in 1999, Schell shared some notes

and sketches he'd made over the years for easy-to-use 3D modeling software. Esch liked them, and they founded @Last in an office at 10th and Pearl in Boulder.

Their core product, SketchUp, was intended for anybody who wanted to design in 3D, Schell said — "a 10-year-old or the highest-profile architect in the world."

In a burst of brain work Schell called "the best six weeks of our professional life," the @Last founders created a prototype and lined up investors. Though initially of interest to professional designers — architects, landscape architects, engineers — SketchUp had a simple interface that captured "the spirit of drawing," Schell said, making it possible for amateurs to use it. For redoing the family kitchen say, or designing a woodworking project or making a castle for history class.

By 2005, @Last had two small offices overseas and about 50 employees in a new space behind the Starbucks on Pearl.

Around that time, some @Last engineers ran into some Google engineers at a trade show. They discovered a mutual admiration and kept in touch. Wouldn't it be cool, they all thought, if

SOME @LAST ENGINEERS RAN INTO SOME GOOGLE ENGINEERS AT A TRADE SHOW...



Googlers can eat (or just meet) inside this 1960s-vintage camper in the new Boulder office.



Scott Green, left, Google's Boulder site director, with Brad Schell, at Google in January.

people could use SketchUp to insert 3D creations into Google Earth?

One day in 2005, Schell recalled, someone at @Last's offices said to him, "Schell, do you know there's a guy from Google in the conference room? You ought to go in and meet him."

He did, and the encounter led to a subsequent tête-à-tête at Trident Booksellers and talk of a partnership.

Months later, Schell's cell phone rang as he passed through a Boulder alleyway. It was another Google executive:

"Would you entertain an acquisition?"

By early 2006, the deal was done.

Over a three-day weekend, Google remodeled @Last's offices, installing, among other things, an eye-popping snack bar.

"All of us are fairly food-motivated," Schell said of the former @Last crew, marveling, more than a decade later, over the "extreme makeover."

MONTHS LATER, HIS PHONE RANG.

"Somebody said to me, 'Schell, can we eat this stuff?'"

Google continued to iterate and improve SketchUp, ultimately selling it to Trimble, a California-based producer of positioning tools, in 2012. Trimble's

SketchUp team remains in Boulder, as do many original @Last employees — some at Google, others at start-ups of their own.

"There are hundreds of absolutely fascinating, inspiring stories from this town," Schell said.

Of @Last's story, he'll say this: "Let's admit it — it *is* fun that we had a part in Google being here."

Eric Gershon is editor of the Coloradan.

IN BRIEF

1982: Brad Schell (ArchEngr) graduates from CU Boulder.

1989: He co-founds CadZooks, a Boulder firm that makes software for 3D construction planning.

1999: Schell co-founds @Last Software. The Boulder firm produces software for "anybody who want[s] to design in 3D."

2006: Google acquires @Last, planting a flag in Boulder.

2014: Google announces it will build a multi-building campus at 30th and Pearl Streets for up to 1,500 workers.

2017: Google moves in.

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Alumni

News SPRING 2018

Ten Years of Forever Buffs

ALUMNI ASSOCIATION CELEBRATES A DECADE OF DUES-FREE MEMBERSHIP

JOINING THE TEXAS EXES, the alumni association of the University of Texas at Austin, costs \$60 annually. Penn State? \$50. UCLA? \$100.

After you graduate from CU Boulder, it costs nothing. Zero. Zilch. You're part of the CU Boulder Alumni Association automatically.

It hasn't always been this way.

As recently as 2007, an annual membership was \$45. But in 2008, following a student vote authorizing a one-time fee for incoming students, alumni association leaders introduced the Forever Buffs model — dues-free membership for CU Boulder alumni of all class years.

"All of our programs serve a singular purpose," said **Ryan Chreist** (Kines'96; MPubAd'09), assistant vice chancellor and executive director of the alumni association. "We want to strengthen your connection to CU Boulder without the burden of membership fees."

Today, all Buffs enjoy the benefits of

the alumni association, including *Coloradan* magazine, one-on-one career counseling sessions, tailgates, young alumni events, Homecoming Weekend and discounts ranging from insurance to hotels to movie tickets. Plus, alumni receive invitations to chapter events in cities around the country (and 10 foreign cities, too).

To commemorate the initiative's 10th anniversary, the CU Boulder Alumni Association will offer even more events, stories and benefits this year to reconnect you with your alma mater — whether you spent one year here or nine — and show you what it means to be a Forever Buff.

Jimmy Calano (Mktg'78), a former alumni board chair who helped lead the initiative, sees it as being part of a special club. He felt the Buff spirit recently when he saw CNBC "Squawk Alley" anchor **Carl Quintanilla** (PolSci'93) on TV.

"I thought of Carl not as a commentator," he said, "but as a Buff like me."



DINNER WITH 12 BUFFS

April 19-22, alumni and students across the U.S. will dine together during the fourth annual Dinner with 12 Buffs. More than 30 alumni hosts as near as Boulder and as far away as New Jersey will open their homes to an intimate group of Buffs for a casual meal and camaraderie.

Last year, financial executive **Erik Evans** (Math, Phys'00) hosted a fajita dinner for 15 alumni in his approximately 600-square-foot apartment on Manhattan's Upper East Side. There was CU talk, of course, but another theme emerged.

"Mostly we talked about the struggle," said Evans. "The struggle of daily life in New York City and what each of us did. It was a really welcome reprieve."

Lisa Corboy (Mktg'91) hosted several students in Louisville, Colo., for salmon, and will host again this year.

"We have two children at CU now, so we love staying in contact with the student body!" she said. "It helps keep us young."

Students and graduates of the past decade are encouraged to attend. Register at colorado.edu/alumni.



ALUMNI ASSOCIATION TIDBITS

Join us for Buffs at the Ballpark this summer. Each family-friendly event at a pro baseball park starts with a pre-game reception. All attendees receive a Buffs-themed ball cap. Sites include Houston, Atlanta, Seattle, Los Angeles and San Francisco. Dates and details at colorado.edu/alumni.



Nominate a CU alum, faculty or staff member or a student for an Alumni Association Award by April 4 at colorado.edu/alumni/awards. Past winners include Grammy winner **Dave Grusin** (Mus'56), astronaut **Scott Carpenter** (Aero'49; HonDocSci'00) and women's basketball hall of famer Ceal Barry.



The Alumni Association's annual nationwide day of service, Buffs Give Back, is May 19-20. Past projects have included tree maintenance in Atlanta, trail clean-up in Seattle and food sorting in Nashville. Find out more at colorado.edu/alumni.



There are new alumni chapters in Baltimore, led by **Jeff Spitz** (EnvDes'14); Charlotte, S.C., led by **Kate Kliebert** (Engl'07); and Spain, led by **Adam Mackstaller** (Fin'95). In London, **Sigrid Keough** (Comm'89) took the reins as chapter leader.



The Big Red rivalry is back! On Sept. 8, the Buffs take on the Cornhuskers in Lincoln, Neb. Join us for a free Buffs Bash at Pinnacle Bank Arena before kickoff.

2018 TRIPS



CANADIAN ROCKIES

Aug. 17-25, 2018



WINES OF THE PACIFIC NORTHWEST

Sept. 9-18, 2018



PEARLS OF ITALY

Sept. 27-Oct. 8, 2018



CHINA, TIBET AND THE YANGTZE RIVER

Sept. 27-Oct. 15, 2018



GRAND DANUBE PASSAGE

Oct. 5-20, 2018

For more information about the Roaming Buffs travel program, email roamingbuffstravel@colorado.edu, call 303-492-8484 or 800-492-7743 or visit colorado.edu/alumni.



ANYONE OUT THERE?

Students in “Pathway to Space,” the gateway course for CU Boulder’s space minor, released 170 balloons during a Jan. 18 class meeting.

Attached to each was a note — and a \$1 bill to draw the attention of people happening upon remnants that returned to Earth.

The note asked passersby to report when and where the balloons landed.

As of mid-February, about 25 people from as far away as Texas had submitted online reports, said Courtney Fell of CU’s Office of Information Technology, which helped develop “Pathway to Space.”

The talk-show-format

lecture course, now in its second year and open to undergraduates of all majors with a minor in space, is part of CU Boulder’s multi-year, campuswide Grand Challenge, “Our Space. Our Future.” The challenge aims to “transform the landscape of space exploration and find pathways to address

significant issues our planet faces.”

Led by **Chris Koehler** (Aero’92; MMEchEngr’94), director of the Colorado Space Grant Consortium, with participation from dozens of other CU faculty, “Pathway” helps students identify areas of interest in space to pursue further.

IN BRIEF:

- CU space minors released 170 balloons
- Attached to each was a note and \$1
- They’ve landed as far away as Texas
- Space minor open to students of every major
- Part of CU’s Grand Challenge



THINKERS, DOERS, DREAMERS

I was a student at CU when I attended my first Conference on World Affairs. I frankly don't remember which sessions, but after all, it was more than 50 years ago.

I do know that during my time on campus in the early 1960s the CWA featured Henry Kissinger (long before he was a household name), architect and inventor Buckminster Fuller, the then-president of Costa Rica and several ambassadors, living up to its slogan, "Bringing the World to Boulder."

The conference was about 15 years old then, but it already had a reputation as a preeminent gathering of thinkers, doers and dreamers. This April, it celebrates its 70th year, and it's as strong as ever. Under the leadership of political science professor **John Griffin** (Law'95), the venerable CWA is at the forefront of our efforts to ensure CU is a place where discussion and debate thrive.

The conference is a great vehicle for furthering conversations that engage people across the intellectual spectrum. Its program committee actively seeks out diverse voices as it considers speakers, making for a lively and engaging event.

I was talking with Apple co-founder (and CU alumnus) **Steve Wozniak** (EIngr ex'72; HonDocSci'89) before he gave the keynote address at the 2016 event, and I asked what drew him to the CWA. He told me he liked the atmosphere of diverse ideas and being around so many out-of-the-box thinkers. That's high praise and great insight from someone who is as out of the box as they come.

Griffin is also working to expand the role of students in the conference and considering how it can enhance their experience and help prepare tomorrow's leaders. The CWA is contributing to a broader campuswide effort that challenges students to engage in the world beyond campus.

I hope my fellow alumni are proud, as I am, that their alma mater hosts such a remarkable event. And I hope many of you will take the opportunity to return to Boulder this spring for this milestone occurrence. If you can't do that, you'll be able to watch live and archived videos of sessions on the conference website. The CWA is unique to our university, one of the things that sets us apart from our peers. At age 70, it's as vibrant as ever.

Illustration by Melinda Josie



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Sports

News SPRING 2018

By Jennifer Osieczanek

“Never Again”

CU ATHLETICS INTENSIFIES EMPHASIS ON MENTAL HEALTH

IT HAPPENS TO BUFFS.

Heisman Trophy winner **Rashaan Salaam** (Soc ex'95, pictured) committed suicide in 2016. CU linebacker **Drew Wahlroos** (A&S'03) took his life in 2017. In 2004, **Gabe Oderberg** (Comm, Hist'03), ended his life at 23. **Bill Roe** (Soc'95), who left CU in 1979 for the NFL, and **Ray Cone** (PE'84), also killed themselves.

CU Athletics has intensified its focus on the mental health of CU's student athletes, adding campus resources, participating in a major multi-school study of concussion effects and fostering a support network for former football players.

“Our work is important because life is difficult at times,” said Buffs sports psychologist Chris Bader. “We serve our student athletes by providing a safe space for them to process through the trials of life... to talk through their successes and concerns without judgment.”

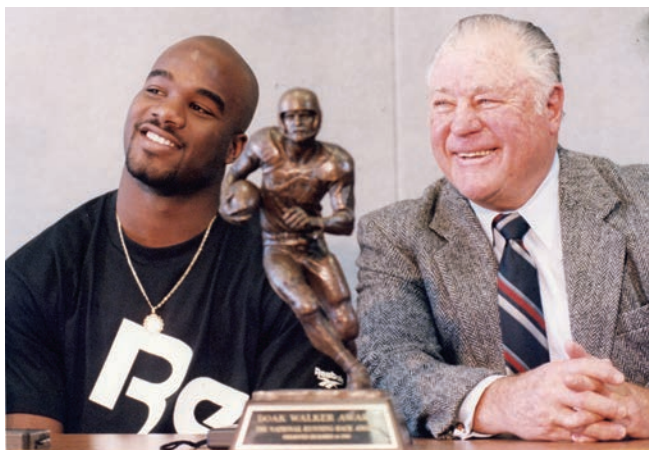
In January CU added another licensed counselor, **Erin Rubenking** (Fin'10; MPsych'14), to help serve the nearly 375 student athletes on campus. The incidence of suicide among NCAA athletes is highest among football players, according to a 2015 study published in the journal *Sports Health*.

Bader and Rubenking make themselves available to all student athletes via email, text and, of course, in person.

Meanwhile, Buffs4Life, a nonprofit group of CU Athletics alumni formed in 2005, has started a campaign called “Never Again,” which reconnects former football players with each other in hopes of creating a support network. Leading the initiative are former head coach Gary Barnett and long-time CU coach and NFL alumnus **Brian Cabral** (Rec'79).

“I recruited both Rashaan and Drew,” Cabral said. “These losses affected me deeply. Working with Buffs4Life after 24 years of coaching at CU allows me to help others who may be in need.”

CU is leading the way on a Pac-12 research initiative to study concussions in student athletes. The goal is to establish best practices and clinical



infrastructure around traumatic brain injuries and treatment.

Meanwhile, research about the connection between concussions and chronic traumatic encephalopathy (CTE) continues. The recent sale of Salaam's Heisman trophy will help. It sold for \$399,608, some of which will support CTE-related research in his name.

Photo courtesy CU Athletics



CU skier Petra Hyncicova competed for the Czech Republic in the 2018 Winter Olympic Games in South Korea.

AT THE OLYMPICS, A BRONZE FOR GOLD

Snowboarder and current CU student **Arielle Gold** (EPOBio'20) won a bronze medal in the halfpipe in PyeongChang in February. She scored 85.75 (on a 100 scale) on the last of three runs to earn the medal.

Gold, who hopes to attend veterinary school, was one of six Forever Buffs competing in the Winter Olympics.

Casey Andringa (Bus'19) of the U.S. Olympic Free-style Ski Team finished fifth in the men's moguls event.

Competing for the Czech Republic, current CU skier **Petra Hyncicova** (IntPhys'18) finished 45th in the Sprint Classic qualification race and 47th in the 15K skiathlon.

Brian Hansen (Mktg'17), a 2010 silver medalist, competed for the U.S. in speed skating for the third time. He finished 15th in the 1,500 meters.

Joanne Reid (Math'13; MTechMedSoc'17) finished 86th in the 7.5K sprint biathlon (cross country skiing plus rifle shooting) for Team USA.

Kendall Wesenberg (Mktg'12) finished 15th in the skeleton for Team USA.

Visit colorado.edu/coloradan for more details about how CU's Olympians performed. Search “PyeongChang.”

BUFFS BITS Former Buffs coach Ceal Barry, now senior associate athletic director for internal operations, was selected for the Women's Basketball Hall of Fame. Barry was a four-time Big Eight Coach of the Year and is the winningest coach in CU athletics history across all sports with 427 wins. ... **Spencer Dinwiddie** (Comm ex'15) won the skills challenge at NBA All-Star Weekend in Feb. ... **Becca Rasmussen** (Neuro'17) was selected by the North Carolina Courage 20th overall in the NWSL Draft. The NWSL is a women's professional soccer league. ... **Jim Hansen** (AeroEngr'92; MS'93), a Rhodes Scholar who was a first-team All-Big Eight offensive guard and member of CU's national championship football team, received the NCAA Silver Anniversary Award. It recognizes collegiate and professional achievements 25 years after college athletics careers end. Hansen is superintendent of the U.S. Naval Research Laboratory, Marine Meteorology Division.

Photo courtesy CU Athletics

STATS

1/13/18

CU's first-ever men's basketball win at UCLA

1

Times CU men's basketball has beaten AP Top 15 teams back-to-back (No. 4 Arizona State and No. 14 Arizona, both in January)

4:36.05

Fastest women's mile within the state of Colorado, run by **Dani Jones** (IntPhys'20) Feb. 2

17

Preseason ranking for CU women's lacrosse

FIFTEEN

Division I offers for women's basketball player **Peyton Carter** (IntPhys'21)

69-65

Women's basketball win at Utah after starting the game down 16-0

Coloradan SPRING 2018 50



HEAD GAME

Brittany Fan (Advert '18), one of only two Hawaiians ever to compete for CU women's golf, set a freshman record for stroke average three years ago — 74.87 over 31 rounds. Now a senior, Fan talks about her practice routine, a pair of holes-in-one and the hard truth about mini-golf.

How'd you get interested in golf?

Before golf, I was interested in singing and dancing. One day I went to pick up my brother from golf practice with my dad, and while we were waiting for him to finish, my dad got a bucket of balls. I started hitting some just for fun, and the next thing I know, my brother's coach comes over and starts to give me some pointers. After making slight adjustments, I was hitting the ball significantly better. If you've ever seen a child's eyes light up, that's essentially what happened that day. And after that, I was hooked. I just kept wanting to get better and better.

When did you start playing seriously?

Age 12, which is pretty late to start golf. Most kids start around 6 or 7.

You grew up in Hawaii. Did you play year-round?

Yes! Although we did get some heavy

rain at times, I can't complain.

What's your lowest score for an 18-hole round?

7 under par (65) at the 2017 USGA Women's Amateur qualifier here in Colorado.

Ever sink a hole-in-one?

I've had two so far — once when I was playing a round with my dad in Hawaii, and the other in the last tournament we had this fall 2017 season.

What iron do you find yourself reaching for most often?

It depends on the length and conditions of the course we play, but usually I have a ton of mid irons coming in — 8s, 7s and 6s.

In practice, do you spend more time driving or putting?

Putting is where the scoring is at. Everyone can hit the ball, but what separates the good from the great is putting. I try to devote at least half of my practice sessions to putting and short game and the other half to swing technique and mental focus.

What should we expect of the CU women's team this spring?

We've got a solid team this year. Everyone has been working hard to improve,

and we're all looking forward to the spring season. I think we've got some wins and top finishes coming our way.

Do you have personal goals for the season?

My goal is to improve my ranking, lower my scoring average and increase my distance. I have been working towards these goals, and I'm excited to get back into season this spring.

How has your game changed since you've been playing in Colorado?

I've become more consistent with my technique, but the biggest difference that I have noticed is in my mental game. I am more experienced, mature and I handle situations better than when I first got here.

Is there a course you're dying to play, but haven't yet?

I'd love to play Augusta, which is where they hold the Men's PGA Masters tournament. There is a lot of history and prestige behind that course.

Are you able to play for fun and simply enjoy the links, or do you feel competitive whenever you're on a golf course?

Most of the time I am in a competitive

state, because you need to practice like you are playing a tournament so you can replicate it on the course. Sometimes I meet up with friends or teammates and have friendly competitions.

You're a business major. What stands out to you about the business side of golf?

I am an advertising major with a business minor. I decided to do this because it can not only help me professionally, but also as an athlete. Advertising and business teaches me about how to brand myself and how to create ideas and bring them to life.

Any thoughts about life after CU, related to golf or not?

My plan is to play professionally. After I am done with that, I plan to work in business.

How's your mini-golf game?

Mini-golf is way harder than it looks! First off, the clubs aren't even like normal clubs, so I struggle quite a bit! Usually mini-golf courses are outrageous and kinda goofy, so I just have fun and enjoy laughing about it.

See video at colorado.edu/coloradan.

Condensed and edited by Eric Gershon.

COLORADO FOOTBALL | 2018



SAT. SEPT. 1 vs. COLORADO STATE
(Sports Authority Field at Mile High Stadium)

SAT. SEPT. 8 at NEBRASKA

SAT. SEPT. 15 vs. NEW HAMPSHIRE

FRI. SEPT. 28 vs. UCLA

SAT. OCT. 6 vs. ARIZONA STATE
(FAMILY WEEKEND)

SAT. OCT. 13 at USC

SAT. OCT. 20 at WASHINGTON

SAT. OCT. 27 vs. OREGON STATE
(HOMECOMING)

FRI. NOV. 2 at ARIZONA

SAT. NOV. 10 vs. WASHINGTON STATE

SAT. NOV. 17 vs. UTAH

SAT. NOV. 24 at CALIFORNIA





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The Directors Club supports the Alumni Association and current CU Boulder students through capital projects, scholarships and events.

ALREADY A MEMBER?
Be sure to register online for all of our events, including the Annual Summer Conference in Vail June 14-16.



 Directors Club
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Learn more at colorado.edu/alumni/directors-club

PROTECT YOUR TEAM

The **responsibility** to maintain an athletics program that operates within **compliance** of all **NCAA, Pac-12, and University regulations** does not fall solely on **CU** and its **leadership**, it is also the responsibility of **every Buffalo supporter**.

Did you know that CU is held accountable for the conduct and actions of its athletics representatives and all organizations that promote the institution's athletic programs? If a violation of NCAA rules occurs, even unintentionally, it may jeopardize a prospect's or current student-athlete's eligibility.

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 Alumni Association
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 Alumni Association
UNIVERSITY OF COLORADO BOULDER

CLASS Notes

CLASS

50s, 60s & 70s SPRING 2018



Old Main was CU Boulder's first campus building, built in 1876. Now it's home to several departments, including the CU Heritage Center.

'51 Carl Cerveny (Mktg) and his wife, former Wheat Ridge, Colo., mayor **Gretchen Gasser Cerveny** (PhysTher'54), report that grandson **Chandler Cerveny** (Fin'17) graduated from CU in December. Chandler represents the fourth generation of the family to earn a

CU degree. Chandler's parents, **Chris Cerveny** (Fin'84) and **Lori Chandler Cerveny** (Fin'84), preceded him, as did great-grandparents **Albert Cerveny** (CivEngr'27) and **Martha Christoffers Cerveny** (Art'26).

'56 For the next 20 years, an annual award funded by **William Hopkins** (Soc) and life partner Richard Anderson will benefit actors and

other Washington, D.C., theater community members. The Anderson-Hopkins Award for Excellence in the Theater Arts was presented for the first time on Nov. 20, 2017. William lives in Arlington, Va.

'57 Jim Turner's (Law) book *Selma and the Liuzzo Murder Trials*, published by the University of Michigan Press, was re-leased in 2018. It details

Jim's first assignment in civil rights law, the murder of Viola Liuzzo outside of Selma, Ala., after the 1965 March to Montgomery. Jim, who lives in Washington, D.C., served as deputy assistant attorney general for 25 years under seven consecutive U.S. presidents.

'59 John Cernac (Pharm) and his Pueblo Blende Drug store received the Most Valuable Award last summer from the Independent Pharmacy Cooperative at their annual meeting in New Orleans. He and his wife, Charlotte, are active CU supporters and members of the Directors Club. They can be found tailgating before home games and also traveling to road games.

'60 Writer and mediator **David Evans** (Phil) writes a blog for *Psychology Today* called "Can't We All Just Get Along?" He shared an Emmy Award for his contributions to the TV show *The Monkees*. He also won the Los Angeles Superior Court's "Outstanding Case of the Year Award" in 2000 and 2001 for successful mediations. His website is www.HelpUsHealAmerica.com. David lives in South Pasadena, Calif.

'61 John Herzog (Advert) retired from his third state board, the Colorado Dental Board, Jan. 1. He was appointed by

STEPHEN MCCAFFREY (A&S'67) WON THE 2017 STOCKHOLM WATER PRIZE FOR HIS WORK ON INTERNATIONAL WATER RIGHTS.

Gov. John Hickenlooper. He previously served on the Colorado Securities Board and the Colorado Utility Consumer's Board. At CU, he served on the Alumni Association's board twice and is a CU Advocate. He lives with his wife, **Leslie** (Engl'62), in Colorado Springs. His daughter **Dana Jussaume** (Hist'94) and son-in-law **Dave Eck** (PolSci'84) attended CU, and his granddaughter **Emily Eck** (Mus'20) attends the university now.

'65 On Oct. 14, 2017, Colorado Black Women for Political Action honored **Clementine Washington Pigford** (CommDisor) for her

writing and research projects. She lives in Centennial, Colo.

'67 University of the Pacific distinguished law professor **Stephen McCaffrey** (A&S) is a leading world authority on international water rights. He won the 2017 Stockholm Water Prize for his exemplary work in the field. He focuses on the sustainable and peaceful management of shared waters and works with scholars, legal practitioners and policy-makers. Stephen came to CU on a football scholarship in 1963.

'68 Colorado Springs awarded **John Conway** (Zool; PhDBio'75) a

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Write Christie Sounart, Koenig Alumni Center, Boulder, CO 80309, or classnotes@colorado.edu

READ THE OTHER DECADES OF CLASS NOTES ONLINE AT COLORADO.EDU/COLORADAN

TIMM FAUTSKO (MSOC'72) WAS INDUCTED INTO THE 2017 ATHLETIC WALL OF FAME IN CANTON, OHIO.

\$30,000 grant to update and replicate part of his CU Boulder Ph.D. thesis, completed under Robert Gregg, on the biology of the honey ant, *Myrmecocystus mexicanus*. John will compare the location and density of ant nests in the Garden of the Gods from June to September 2018 with what he found in 1975 to see if the abundance of this ant species has increased or decreased and how to best manage the park for this unusual ant in the future. John retired from the University of Scranton in August 2016 and plans to return to Colorado and live in Durango.

'69 Las Vegas resident **Stephen Grogan** (Engl) donated 32 boxes of documents relating to his career in journalism, politics and casino gaming to the special collections and archives of the University of Nevada, Las Vegas. In his current role as president of Navegante Game Technologies, he assists game developers and inventors. At CU, he was awarded the Shubert Fellowship in Playwriting and was founding editor of the campus alternative newspaper *CU Perspective*.

'70 **Wiley Newbold**

(Fren) spent 25 years in the culinary arts, becoming a Certified Executive Chef in 1989 and a member of the American Academy of Chefs in 1994. In 1998, he received a J.D. from West Virginia University College of Law. He has since specialized in criminal defense and has served several years as an adjunct in the WVU College of Law. Nearing retirement, he is touring the National Parks and fulfilling other bucket-list items. He lives in Morgantown, W.V.

'72 **Timm Fautsko** (MSoc) was inducted into the 2017 Athletic Wall of Fame in Canton, Ohio, for meritorious service by Walsh University. Timm, a four-year varsity basketball letterman from '63-'67, belongs to Walsh's 30-point club, was named outstanding alumnus in 1987, and serves as a trustee at the university.

'74 **Shelley Diamond** (Phil) served as artist-in-residence for the U.S. Forest Service, San Gabriel Mountains, which spans a huge region between Los Angeles and the Mojave. She wrote, "My project had to serve the community and environment I was privileged to live in.

My home was a big 1920s lodge. The Forest Service was there during the daytime, I was alone at night. This lent some *Shining* pizzazz to the week I teach at L.A.'s Juvenile Hall — the San Gabriels are visible from the yard. Students considered my lesson: Photography to prompt reflections about this 'alien' place. Challenged: Why would we ever go there? Eventually sugar pines and wildflowers cast their spell. They got it, and flew outside the walls."

Fremont, Calif., resident **George Whaley** (PhDBus) is co-editor of the Society for Case Research's *Business Case Journal*. George is an emeritus professor of human resource management for San Jose State University's management school.

'77 When **Laura Lee Carter**'s (AsianSt; MHist'88) career as an academic librarian ended in 2004, she became a freelance writer. She's since published four books on midlife psychology. Four years ago, she and her husband moved to rural southern Colorado, where she writes a blog, "Adventures of the new old farts," and wrote *A Memoir of Retirement: From Suburbia to Solar in Southern Colorado*.

PROFILE MITCHELL KAPLAN

BOOKS AND MOVIES

WHEN **MITCHELL KAPLAN** (ENGL'76) launched Books & Books in Miami in 1982, the business was the size of a one-bedroom apartment.

Still, Kaplan, then 27, filled the tiny bookstore with more than titles — he brought in real live writers, unusual at the time. Nobel Laureate Isaac Bashevis Singer was among the first.

"From the beginning we established ourselves as the store where literary events took place alongside the selling of books," Kaplan has said.

Early on, he also set about putting Miami on the literary map, helping found the Miami Book Fair in 1984. The annual weeklong festival now hosts hundreds of authors and draws hundreds of thousands of participants.

"In the 1980s, Miami was off the radar screen," said Oren Teicher, head of the American Booksellers Association, a trade group based in New York. "It wasn't a place where publishers wanted to send their authors. He helped change that."

Over the next three decades Kaplan, now 63 and originally from Miami Beach, added seven more South Florida stores. The flagship store occupies a 9,000-square-foot building with a spot on the National Register of Historic Places.

His labor of love would become a landmark for bibliophiles. In 2015, *Publishers Weekly* named the business "Bookstore of the Year" citing its "outsized influence" on independent bookstores "and the literary culture at large."

"You have to be able to communicate to your customers that value isn't only measured by price," said Kaplan. "There is value in meeting an author, being a place where ideas are shared, value in bringing writers into the schools."

Recently he developed a publishing arm and a partnership with film producer Paula Mazur. Their first feature-length movie, *The Man Who Invented Christmas*, with Christopher Plummer, was released in November.

It was a novel that inspired Kaplan to apply to CU Boulder. Captivated by a character in Jack Kerouac's *The Dharma Bums* who writes poetry on a mountaintop, Kaplan envisioned Boulder as an "exotic land of mountains and snow," he said. "I saw CU for the first time the day I got there."

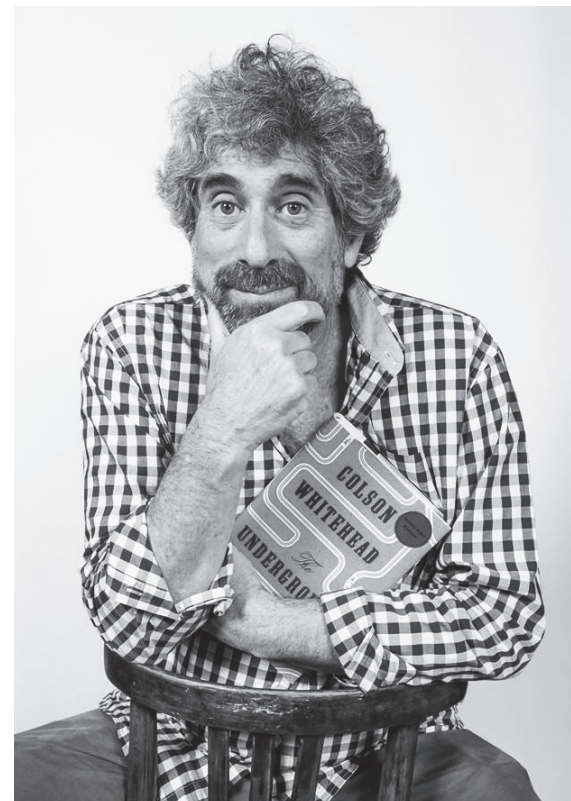
Professor Sidney Goldfarb's literature courses — which included histories of the "great bookstores," such as Shakespeare and Co. in Paris and Manhattan's Gotham Book Mart — made a deep impression on Kaplan, not least for their role as defenders of First Amendment freedoms.

After CU, he tried law school in Washington, D.C., but found himself spending more time in bookstores than in the law library. He left after two years, returned to Miami, taught high school English, then yielded to his persistent urge: to become a bookseller.

When he opened the first Books & Books, he had a lot to learn: "I knew more about Pablo Neruda and Thomas Pynchon than I did about interest rates or bank charges," he said.

It's been a risk that paid: "I've been able to make some small contribution to Miami becoming a world-class city."

By *Janice Podsada*



Notes CLASS

80s & 90s SPRING 2018



For the third consecutive summer, Dead & Company is coming to Boulder. The band, which includes guitarist John Mayer and Grateful Dead members, will play two concerts at Folsom Field, July 13 and 14.

'80 Golden, Colo., resident **Gina Meagher** (MCDBio) published her second book, *The Nitty-Gritty of Managing Diabetes: Personalizing Your Approach through Determination, Perseverance & Balance*. The book addresses how personality, attitude and self-advocacy can impact Type 1 diabetes. Gina was diagnosed with Type 1 diabetes at age 17 and with celiac disease at

age 32. She strives to live a life that is not defined by her conditions.

'81 **Dawn Bjork** (Mktg), a 15-year member of the National Speakers Association (NSA), was elected president of the Colorado chapter, the largest in the U.S. A software trainer who speaks on technology issues, Dawn is a Microsoft-certified trainer and owner of The Software Pro. She lives in Centennial, Colo.

'81 **Michelle R. Houser** (Jour) was named chief

operating officer of the Tesla Foundation, a think tank focused on workforce development and education related to autonomy and autonomous technology. She previously managed advanced transportation, aerospace, cybersecurity and clean tech economic development efforts at the Los Angeles County Economic Development Corporation and worked as a political communications consultant in Southern California.

'83 **Nathan Kipnis** (EnvDes) was named co-chairman of the American Institute of

Architects' National 2030 Commitment Working Group. Its aim is for architects to design all buildings and developments as carbon-neutral by 2030. Nathan and wife Fran live in a midcentury modern home on a ravine in Highland Park, Ill. — the closest thing to the Boulder terrain in the area, he writes.

'84 Denver ABC-affiliate KMGH as news director. Holly has worked in newsrooms across the country, including in Seattle, Philadelphia and Baltimore. She is a regional chairperson for the Radio Television Digital News Association.

Musician **Geary Larrick** (DMus) wrote a review of a book about jazz flutist Herbie Mann published in the December 2017 issue of *Music Educators Journal*. Geary performs on solo marimba each week in Stevens Point, Wisc., where he is a retired music professor from the University of Wisconsin-Stevens Point.

'86 In November 2017, **Daniel Blumstein's** (EPOBio) seventh book, *Ecotourism's Promise and Peril: A Biological Evaluation*, was published by Springer International Publishing. Dan is a professor and former department chair at UCLA. He spends his summers studying marmots near Crested Butte.

Thirty-two years after receiving his commission from CU's Army ROTC, **Lou Carmona** (OrgMgmt) will retire this summer as a colonel

MICHELLE R. HOUSER (JOUR'81) WAS NAMED CHIEF OPERATING OFFICER OF THE TESLA FOUNDATION.

in the Army and Army National Guard. He deployed four times during his military career and served as an Army aviator in active flight status. He plans to continue working in aviation. He writes that he is currently the state Army aviation officer for the California Army National Guard and lives in Northern California, where the fires and floods have kept him busy. He and wife Tamyra have five children.

'87 **Eric Grosogoeat** (MChemEngr) joined computer software company ANCILE Solutions Inc. as CEO. Previously he was CEO of FocusVision, a market research technology company.

'90 **Bill Young** (Econ), an

international pilot, stays in a lot of hotel rooms. To document the interesting carpet patterns he sees all over the world, he started an Instagram account called @MyHotelCarpet. In November his daughter, Jill, posted the account to her own Instagram page and called for it to have more followers. Her request went viral, and within a few days, 536,000 people followed his page. The story was covered by several major news outlets, including ABC News and BuzzFeed. Bill lives in Dallas with his family.

'91 In San Francisco, **Suzanne DiBianca** (Comm) is executive vice president of corporate relations and chief philanthropy officer at Salesforce. She is a hall of fame member of the San

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JONATHAN TREISMAN (COMM'92) IS DIRECTOR OF GLOBAL PARTNERSHIPS FOR AEG WORLDWIDE, THE WORLD'S LARGEST SPORTS ENTERTAIN- MENT COMPANY.

Francisco Business Times' Most Influential Women in Bay Area Business.

'92 After working for 17 years as executive assistant to CU Boulder's dean of engineering and applied science, **Sharon Powers** (Comm) is in a new position at the CU ATLAS Institute as senior assistant of partnership engagement. She lives in Superior, Colo.

Jonathan Treisman (Comm) is the new director of global partnerships for AEG Worldwide, the world's largest sports and entertainment company. AEG Global Partnerships oversees sponsorship sales and activation for more than 135 venues, sports franchises, music tours and more. Partners include the Staples Center, London O2 Arena, Coachella, Los Angeles Kings and the Taylor Swift and Elton John tours.

'93 Serial entrepreneur, inventor and search-and-rescue volunteer **Steve Jewett** (Geog) is founder of Clean Trails, creator of National CleanUp Day. He is the U.S. host of World CleanUp Day, which this year is Sept. 15. Steve has climbed

all of Colorado's four-teens, plus Denali and Aconcagua. On Sept. 15, he encourages alumni to join 380 million others in removing litter or trash in their neighborhood, park, trail, river, lake, open space or favorite mountain peak. "Our goal is elimination of trash/litter to enjoy clean spaces, rivers and oceans," he writes.

'94 Last fall **Keith** (Fin) and **Melissa Downham** (Advert) of Denver took their two children on a trip to Africa. They visited Tanzania's Ngorongoro Crater, where the giraffes "kept poking their heads up like out of Jurassic Park," Keith writes. They also camped in the Tarangire National Park.

'95 Musician **Michael S. Young's** (IntlAf) praise and worship band, The Ninth Measure, released its debut album, *Homecoming*, last fall. Michael, who is a vocalist and guitarist, was the main song writer. The album is available on Amazon.

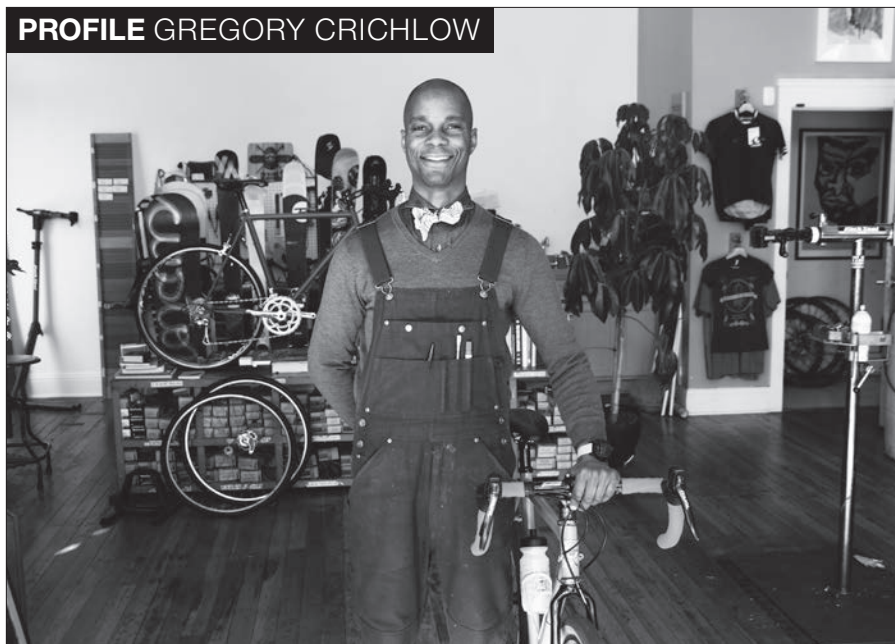
'97 Last February, **Rebecca Neumann** (MEcon;

PhD'00) won a Governor's Financial Literacy Award in Wisconsin for her efforts to increase financial literacy among the state's citizens. Rebecca serves on the board of directors for SecureFutures, an organization that empowers teens through financial education.

'98 **Matthew Easley** (MCompSci; PhD'00) was promoted to brigade general in the U.S. Army Reserve. His children pinned on his new rank during a Jan. 6, 2018, ceremony in Golden, Colo. He is now the cyber deputy command general for the 335th Signal Command (Theater) in Atlanta, Ga.

'99 **Nate Hukill** (Fin) and **Luke Düster** (Fin'97) lead Boulder-based CRG, a healthcare-focused investment firm that manages more than \$3 billion in institutional capital. The firm also supports technologies, products and services in the life sciences industry. Nate, the president, and Luke, managing director, studied abroad together in Shanghai in the '90s.

PROFILE GREGORY CRICHLLOW



TALKING ABOUT REVOLUTIONS

SWEET ON CHOCOLATE? There's a shop in Denver's Five Points neighborhood you might want to check out — a bikeshop. **Gregory Crichlow** (Arch'95) has transformed a former drug den into a boutique bike shop that also sells artisanal bean-to-bar chocolate.

The story dates to 2009, when the Great Recession brought the American economy to its knees, dramatically slowing work for Crichlow, then employed as an architect.

"I had to make a decision to use a different skill set," he said.

By 2011, the wheels were in motion to turn a 400-square-foot Downing Street space with no roof into a place where locals could come for bike repairs and frame fabrication, and also chocolate.

He'd often noticed the building while biking to his architecture job nearby. It became Chocolate Spokes, the subject of a recent short film of that name.

AN ARCHITECT SHIFTS GEARS.

Opening the business wasn't the first major gear shift for Crichlow, the rare cycleshop owner who wears a dress shirt and bow tie on the job.

After finishing high school in Aurora, where he played ice hockey, he'd lived with his grandmother in New York for a year. There an interest in architecture gathered momentum. Dually inspired by the city's aesthetics and by Olympic speed skater Eric Heiden, a

multi-gold-medalist who reinvented himself as a pro cyclist, Crichlow came back to Colorado to study architecture at CU and joined the cycling team.

"My first ride was a real eye-opener," he said. "I was dropped by the group and left somewhere near Lyons — I realized there was a lot more to the sport than just getting on a bike and going."

He eventually left competitive cycling to focus on architecture and attend graduate school at the University of Illinois. But Crichlow has remained committed to life on two wheels: He doesn't own a car and cycles everywhere, as do his two children, ages 13 and 9.

And, of course, he owns a bike shop that doubles as a neighborhood gathering place.

"My hope is that we're creating a space where everyone feels welcome and respected as our immediate neighborhood context evolves," he said.

The bow tie is a nod to Crichlow's grandfather, who wore them also, and to his own attitude toward work.

"I listen to clients and make their wants and needs come to a tangible reality," he said. "My appearance is a reflection of how seriously I take this."

Crichlow decided to sell chocolate bars alongside handlebars partly because of his own fondness for them, and because he believes fine chocolate reflects the studio's attention to craftsmanship.

"People come in just to buy chocolate — nothing to do with bikes," he said.

Now, that's sweet.

By Sarah Tuff Dunn

Notes CLASS

00s & 10s SPRING 2018



Former member of the U.S. ski team **Molly Bloom** (PolSci ex'02) was portrayed by actress Jessica Chastain in *Molly's Game*, a 2017 film about Bloom's time leading an underground celebrity poker ring.

'00 R. Ashby Pate (Engl) will participate in this year's Alabama State Bar Leadership Forum to train the next generation of legal leaders. Ashby, of counsel at Lightfoot, Franklin & White LLC, also is vice chair of the state bar's Senior Lawyer-New Lawyer Task Force and chair of the Access to Justice subcommittee, which reviews rural Alabama's legal needs and challenges.

'01 Mark Ferguson (Fin) has flipped more than 120 houses and sold more than 1,000 as a real estate agent. In 2013, he started Invest Four More

to help people become real estate investors. Mark lives in Greeley, Colo.

Last April **Zach Mueller** (Span; Nurs'04; PhD'06), a registered nurse with more than 17 years in healthcare, was named chief nursing executive of Medical City Healthcare, where he's worked since 2011. He oversees the nursing practice, education, operations and research for 14 hospitals in North Texas. He lives in Dallas.

Laboratory Conditions, a short film **Robert Scheid** (Jour, Mgmt) edited and starred in, made the film festival rounds this year. It stars Marisa Tomei and Minnie Driver, both Academy Award winners. In addition to editing, Robert has been acting and teaching editing through

institutions and one-on-one with clients since 2002. He lives in Los Angeles with his wife and one-year-old son, but writes he makes a yearly trip out to Boulder to recharge.

'02 Daniel Livesay (Psych) wrote *Children of Uncertain Fortune*, which delves into the 18th-century migration of elite mixed-race individuals from Jamaica to Great Britain. An assistant professor at Claremont McKenna College, he focuses on early American and Atlantic history, examining the intersection of race, family and slavery in North America and the Caribbean.

'05 Katie Blomquist (Soc) is founder and executive

director of the nonprofit Going Places, inspired by a GoFundMe campaign she ran from fall 2016 to spring 2017. She raised more than \$80,000 to buy a new bike, lock and helmet for all 650 students at the North Charleston, S.C., elementary school where she taught. Katie left teaching to run the nonprofit full time.

Boulder resident **Peter Booth** (Jour) was elected a shareholder in the Denver office of national law firm Polsinelli PC. Peter lives with his wife, **Lisa Schneider** (Engl'96), an adjunct instructor at Front Range Community College, and their children, Sidney Ivy and Sebastian.

Chris Deardorff's (Fin, MBA) marketing agency, Market Compass, has been renamed Magic Flight Studios. The company is based in Superior, Colo.

Last year **Preston Dyches** (Astro) concluded his service as the public information officer for NASA's Cassini mission, as that spacecraft ended its dramatic final year of operations by making a final plunge into Saturn. He now serves as the lead for public engagement special projects at NASA's Jet Propulsion Laboratory in Pasadena, Calif.

Christy Predaina (Astro, CompSci) was awarded the Society of Women Engineers' 2017 Emerging Leader Award. She was recognized for her leadership capabilities while developing the next generation of engineers and for advancing an innovative approach to systems engineering collaboration. Christy

is director of program management operations at Northrop Grumman Technology Services. She lives in Herndon, Va.

'06 Musician **Mark Nowakowski** (MMus) released his first album, *Blood, Forgotten*, through the world's largest classical label, Naxos. The album received a glowing review in *Gramophone* magazine. He also composed the soundtrack to the documentary *Discovering Tolkien*, which aired nationally on EWTN in November. He is serving his second year as assistant professor of music at Kent State University, Stark, where he lives with his wife and three children.

This April **Dustin Sanza** (Fin) is running the Boston Marathon in honor of Martin Richard, who was killed in the 2013 Boston Marathon bombing. Dustin committed to raise \$7,500 for the Martin W. Richard Charitable Foundation Inc. This will be Dustin's second marathon.

'07 Adam Laughrey (Fin) and his wife, Kristie, started a business in Longmont, Colo., called The Hop. It is a mobile

fashion boutique run out of a refurbished 1956 Mercury camper trailer selling vintage and new men's and women's clothing and accessories.

Jordan Valutas (Mgmt) married Toby Jacobs Oct. 7 in Bermuda. CU friend and business school study-buddy **Jennifer Hessenbruch** (Acct, MS'08) was a bridesmaid. Other CU alumni in attendance were **Brittany Burgess Ramsey** (Mktg'07), **Anjali Singhal** (Psych'07), **Annie Teten Behrent** (Psych'07) and **Noelle Wesolek Andres** (Mktg'07). After honeymooning in Thailand, the couple relocated to San Diego, Calif., for Toby's job in biomedical engineering at NuVasive.

'08 After graduating from CU **Margot Hensler Phelps** (Astro) worked at Caltech, helping install the Advanced Laser Interferometer Gravitational-Wave Observatory (LIGO) in Hanford, Wash., and Livingston, La. During her time on the team (three members of whom won the 2017 Nobel Prize in Physics), she patented an optics cleaning process. She then completed her doctorate in gravitational

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wave research at the University of Glasgow. In March she will begin a post-doc position at the Albert Einstein Gravitational Wave Institute in Hanford, Germany.

'11 Last fall **George Bryant** (MBA) was named vice president and general manager of Colorado outdoor product company Sierra Designs. He previously served as retail and na-

Guerin (ArchEngr) passed his professional engineer exam in mechanical engineering. He has five years of experience in Colorado designing mechanical systems for facilities, plants and laboratories.

COMIC ARTIST EMMA OOSTERHOUS (SPAN'17), CREATOR OF THE WEBCOMIC ALPHABET SOUP, WAS AWARDED A MARSHALL SCHOLARSHIP.

'09 **Matt Kramer** (PolSci) of Broomfield, Colo., co-founded The Application Authority three years ago in Ann Arbor, Mich. The business guides students on creating stand-out college applications. Last year, the firm opened a second office in Broomfield. Matt aims to mentor CU business students. His company is actively engaged in Boulder Startup Week.

'10 On Oct. 19, **Nestor Bravo** (MSpan) became a U.S. citizen at the U.S. Citizenship and Immigration Services' Centennial, Colo., office. Nestor is vice principal of John F. Kennedy High School in Denver and serves as its athletic director. He manages the Spanish curriculum for Denver Public Schools.

tional accounts manager for Textron Specialized Vehicles. He is an active member with Colorado Trout Unlimited.

On Dec. 29, 2017, **Matthew Evett** (Ling) and **Amanda Fendrick Evett** (IntlAf, PolSci'13) celebrated their second anniversary. They returned to Colorado after living in Washington, D.C., post-graduation and now live in Fort Collins. Amanda works at Colorado State University. Matthew works in Cheyenne as a speech pathologist at LifeCare.

Attorney **Adrienne Scheffey** (PolSci) joined the Denver office of Littler, a global employment and labor law practice. She previously clerked for two years for the Hon. Rebecca Freyre of the Colorado Court of Appeals.

'12 RMH Group engineer **Matt**

'13 Since graduation, **Wisdom Amouzou** (Comm) has worked with Teach for America and the African Leadership Academy. In 2015, he co-launched his own venture called the HadaNōu Collective, which aims to create resource centers and schools that partner students directly with the community to help solve real-world problems.

'15 **Maria LeFebvre** (Anth) and **Charlie Barkmeier** (Econ) were engaged Dec. 15. The couple plans to marry in Boulder in 2019. They live in Cleveland, Ohio.

'17 Teacher **Rawa Abu Alsamah** (MEdu) writes that she is CU Boulder's first Saudi Arabian woman to earn a master's degree with an emphasis in teaching English to culturally and linguistically diverse students. Rawa is a sixth grade special education teacher at Denver's STRIVE Prep-Kepner.

Comic artist **Emma Oosterhous** (Span) was awarded a Marshall Scholarship, which offers recipients a full ride to any university in the U.K. Emma will work on a master's degree in comics and graphic novels starting in September at the University of Dundee in Scotland. She is creator of the webcomic *Alphabet Soup*.

PROFILE MARISA KELLOGG

ON THE MOVE

FOR ACROBAT **MARISA KELLOGG** (IntlAf'10), adventure is a continuous call.

Take, for instance, the time she was part of Boulder's AscenDance Project, a group of dancers who perform a choreographed routine on a rock wall — without ropes.

CIRCUS FILLED A VOID GYMNASTICS LEFT.

Or the period in 2016 she spent in the jungles of Colombia teaching acrobatics in Spanish. Or last year, when she helped lead a three-week children's circus camp in the tiny town of Talkeetna, Alaska, population 876.

"Movement is a lifestyle for me," said Kellogg, 28, who started gymnastics when she was four. "To me it's a form of play — using and challenging my body in different ways for optimal physical and mental well-being."

Originally from Washington, D.C., Kellogg is manager of the Fractal Tribe, a professional circus arts troupe based at the Boulder Circus Center. The group combines theatrics with dance, fire, acrobatics, aerial arts and music for audiences at festivals, theaters and conventions.

"We are made up of scientists, programmers, healers, teachers and activists," said Kellogg, who lives full-time at the center, located on Boulder's 26th Street, near Jay Road.

Kellogg's competitive gymnastics career was sidelined by a back injury when she was 16 years old. But she still craved active performance and found an outlet in Boulder.

"Circus filled a void that gymnastics left," said Kellogg.

In performances, she does everything from partner acrobatics — including counter balances and adagios — to hand balancing. At

Colorado's Arise music festival in August 2017, she performed a fire dancing set on stage.

"I've performed with fire fans, palm torches, double staffs and a fire hoop," she said. "I've gotten used to the smell of burnt hair."

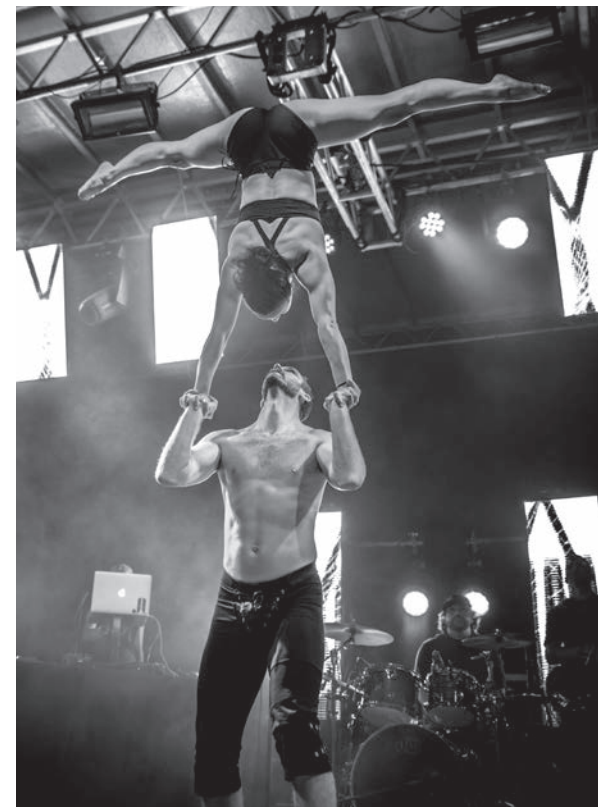
Off stage, Kellogg teaches adult gymnastics and circus classes. She helps her students develop better spatial and body awareness through activities like handstands, strength development and partner moves.

"Marisa brings her passion for community, play and collaboration into everything that she does," said Fractal Tribe producer Lani Gordon. "Her movement and performance are a direct representation of her personality: Focused, committed, connected and skillful."

For Kellogg, part of the job is to be ready for the unexpected.

"Once, we performed outdoors for a fire festival in below freezing temperatures, and it was snowing so hard the stage turned into an ice rink," she said. "The obstacles that come up are part of the process. Unless someone's safety is at risk, the show must go on!"

By *Christie Sounart* (Jour'12)



In Memoriam

Margaret Klett Hunker (A&S'37)
 Janet Johnson Howsam (A&S'40)
 Clyde B. Kennedy (Acct'41)
 Evalyn Tomlin Eckman (A&S'42)
 Jean Mills Loeffler (DistSt'42)
 Robert E. Kern (EIEngr'43)
 Henry A. Bosco (A&S'44)
 Katie Peabody McPherson (A&S'44)
 Marjorie Zeiger Newmark (Chem'44; PhD'54)
 Mary Johnson Moran (Mktg'45)
 Maxine Tribby Parks (Nurs'45)
 Marguerite Echtermach Noetzli Rouzie (A&S'45)
 Lenore A. Westermann (DistSt'45)
 Elizabeth A. Franklin (A&S'46)
 Kenneth C. Gruber (MechEngr'46)
 Robert E. Dickman (MechEngr'47)
 Gladys Cameron Dilorenzo (MedTech'47)
 Jacqueline Stine Gerrish (CompSci'47)
 Frances Paulsen Olson (A&S'47)
 Olga O. Blumenfeld (MA&S'48)
 Charles F. Hix Jr. (MechEngr'48; EIEngr'49)
 Quentin L. Florey (EngrPhys'49)
 Barbara L. Foiles (A&S'49)
 Virginia R. Keehan (MPerServ'49; EdD'54)
 Helen Grafe Nussbaum (Art'49)
 Delvin E. Plaisance (CivEngr'49)
 Frank C. Prager (ChemEngr'49)
 Marybelle Kettle Potter (BusEdu'49)
 Alfred D. Vail (A&S ex'49)
 John W. Andrews (ChemEngr'50)
 Walter P. Banas (MechEngr, Mgmt'50)
 Gene R. Bartlett (A&S'50)
 Charles W. Brown (Acct'50)
 Carrie Anderson Butler (Jour'50)
 Harry Friedman (EIEngr'50)
 Edward Gonsalo (A&S ex'50)
 O. Winston Hampton (Geol'50; MMgmt'55; MGeol'57)
 Ruth Cantonwine Hockett (A&S'50)
 Byron W. Houseknecht (Anth'50)
 Norman T. Jaramillo (IntAf'50)
 Russell B. Johnson (MechEngr, Mgmt'50)
 Stanley W. Kent (A&S ex'50)
 Allison G. McMurrin (A&S ex'50)
 Jeanne Conyers Moore (Edu'50)
 Ella Altvater Pulis (Art'50)
 Nicholas E. Ries Jr. (Edu'50)
 E. W. Turner (ChemEngr'50)
 Mary Philpott Woodard (IntDes'50)
 John L. Yakich (MechEngr'50)
 Nicke-Chantalle Young (MA&S ex'50)

Curtis H. Baker (CivEngr'51)
 Shirley C. Bauer (MusEdu'51)
 Richard G. Irwin (Bus'51)
 Marjorie Selters Logan (MusEd'51)
 Robert C. McHugh (Law'51)
 France Hilliard Reed (Art'51)
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 Raymond C. Richardson (ChemEngr'54)
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 Josephine L. Cohen (Psych'55)
 William S. Knies (Bus'55)
 John P. Koclanes (Pharm'55)
 William A. Raley (A&S'55)
 Shirley Branch Ryan (Art'55)
 Robert D. Rider (Mus'55)
 D. Rhoades Schroeder (Geol'55)
 Kenneth A. Sinclair (Acct'55)
 James S. Whitfield (A&S'55)
 Jetta L. Bourne (A&S ex'56)
 Richard E. W. Smith (A&S ex'56)
 Douglas H. Johnson (Pharm'57)
 Barbara Boesel Owens (Mus'57; MA'61)
 Dennis G. Samson (AeroEngr, Mktg'57)
 Richard W. Terry (EIEngr'57)
 Dee Whittemore Zafiratos (Pharm'57)
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 John F. Spicuzza (MPE'65)
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 Ronald J. Caporale (A&S'66)
 Richard L. Cys (ChemEngr'66)
 Lowell F. Greimann (MCivEngr'66; PhD'68)
 Don H. Kratsch (Acct'66)
 John D. MacArthur (PE'66)
 Phillip E. Myers (Hist'66; MA'67)
 Kevin E. Talbot (MBA'66)
 Robert A. Carbone (Fin'67)
 Charlotte Fischer-Lamberg Casewit (PhysTher'67)

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 Dorothy A. Wolf (Edu ex'67)
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 Rebecca Both Anderson (Span'69)
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 Penny L. Dodge (A&S ex'69)
 Renee Baker Kopecky (Edu'69)
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 Michele Harju Nancy (A&S'70)
 William G. Callahan (MGeog'71; PhD'76)
 Richard Diamond (Psych'71)
 Eileen Mayberry Lantry (MEdu'71)
 Gordean B. Linden (A&S ex'71)
 Donra Vogel Stark (Edu'71)
 Robert E. Warner (Engr ex'71)
 John C. Coldewey (PhDEngl'72)
 Pamela Stewart Peck (PolSci'72)
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 Richard L. Moreland (Psych'73)
 Thad M. Oviatt (Law'73)
 Stanley E. Perea (Acct'73)
 Robert P. Mackenzie (Mktg'74)
 Mary Baggott Meyer (A&S ex'74)
 Juereta P. Smith (Law'74)
 Theodore J. Swiderski Jr. (MGeol'74)

Eugene J. Castellanos (A&S ex'75)
 John A. Davis Jr. (MSoc'75)
 Jerry L. Pluss (MCDBio'75)
 Lawrence E. Smith (MechEngr'75)
 Charlotte Wertz Garcia (MEdu'76; MA'81)
 Yvonne Van Bebber (MEdu'76)
 Kelley Waite (Engl'76)
 Barbara J. Wertz (Psych'76)
 Lloyd W. Hanson (MMus'77; PhD'84)
 John M. Little III (DistSt'77)
 Joseph L. Mapes (PhDEdu'77)
 Mabel Gormley Preble (Law'77)
 Cathy L. Schaeffer (Thtr'77)
 Kenneth R. Woellhof (Comm'77)
 Lois Brodahl Anderton (MEdu'78)
 Andrew A. Martin (Fin'79)
 Tom R. Pfeiffer (Jour'79)
 Marilynn Marlett Carr (MBA'80)
 Louis G. Gottlieb (MEcon'80)
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Peter Albersheim, biology professor
 Bennie Chavez, custodial manager
 John R. Forward, psychology professor
 Carol A. Garn, friend
 Nancy Nolte, history and English instructor

Letters

SPRING 2018

DOORWAYS of CU BOULDER



Photos by Casey A. Cass

Coloradan

Readers responded enthusiastically to the winter issue's poster contest. Thanks to all who wrote in.

The following alumni were the first to correctly identify at least 7 of the 12 doorways. Their prize? The poster!

1. **Marci Fulton** (Hist'96; Law'04), Denver
2. **Sarah Brazier** (IntlA'11), Austin, Texas
3. **Cris Jones** (EnvDes'03), Salt Lake City
4. **Jessica Smith** (Neuro'16), Boulder
5. **Mark Brooks** (Hist, IntPhys'12), Lakewood, Colo.
6. **Erin Lencioni** (IntPhys'16), Denver
7. **Michelle Bradford** (Soc'89), Peachtree City, Ga.
8. **Ida Mae Isaac** (ArchEngr'02; MCivEngr'04), Boulder
9. **Sierra Swearingen** (Art, Engl'95; Law'06), Denver
10. **Casey Kuchta** (MechEngr'16), Aurora;
Kyle Kuchta (ChemEngr'12), Aurora (tie)

ANSWER KEY AT:

colorado.edu/coloradan — search "poster contest."

In response to unexpected demand for the posters, we're planning an extra print run and will make posters available for sale. If you'd like to reserve one, please email editor@colorado.edu with your name and phone number. We will notify you as soon as they're available.

TOMMY DORSEY SIGHTING

Enjoyed the *Coloradan*, as always, even if I now seem to peruse the "In Memoriam" section first.

On the short article "The Gold Record," the photo at the top and center of pages 13 and 14 is of Tommy Dorsey. I suspect the photo to its left is also Dorsey. Maybe you knew this and simply did not label them. Glenn's hairline and nose look different from Dorsey's — actually quite a bit. Maybe one has to have seen them both back in the era to recognize this immediately.

Wilson W. Wampler
(Engl'49)
Denver

Editor's Note: Wilson is correct. The first two photos in the top row of images show Glenn Miller's contemporary Tommy Dorsey, not Miller. We should have labeled them.

1145 GRANDVIEW

In the Winter 2017 edition of the *Coloradan*, I read with interest "A Houseful of Tepleys," regarding the property on 1145 Grandview. It was my first rental in Boulder, during the 1956-57 school year. My roommates and I lived upstairs (three of us), and three others downstairs. One night I came home late from watching the fights in Denver (a bygone era), and while turning the key to enter, it broke off in my hand. Unable to get in at this point, I tossed small pebbles at an upstairs window in an effort to awaken one of my roommates. A neighbor from the Men's Co-op on Broadway (who

remembers that?) saw my plight, and offered me the use of his phone. Needless to say, the roommate who answered the call was not happy, as it was around 1 a.m. He let me in, without disturbing the downstairs tenants, and I was able to get a good night's sleep and get to class that morning.

There were many other memorable occurrences at that address, but space would not permit their being reported. It was an unforgettable school year.

David S. Wood
(MSpan'69)
Boulder

As a second-year graduate student in engineering in the early 1970s, I made the decision to move from Cockerell Hall to near 10th and Grandview, about a block west of the Tepley House. This meant a daily commute across campus either on foot or by bike. My usual route took me past 1145 Grandview.

In seeing the article photo, I remember that the house caught my eye back then, since the brick was similar to that where I lived, and I remember the non-90-degree corners at the front of the house. Despite having a daily trip across campus, it was one of the best commutes I ever had. Thanks for the historical nugget on the Tepley House.

Paul Bien
(MAeroEngr'72)
Fairfield, Iowa

MORE RALPHIE NAME ORIGINS

In the late 1980s, I was working at Koenig Alumni Center and received a call from an alum telling

me that Ralphie was named after Colorado's 29th governor, Ralph C. Carr. Gov. Carr was adamantly against the relocation and internment of Japanese-American citizens to an internment camp in eastern Colorado, Amache. This belief probably ended Carr's political career.

If Ralphie is indeed named after Gov. Ralph C. Carr, Ralphie is the namesake of a very noble man.

Patricia Gasser Law
(Engl'52)
Broomfield, Colo.

There seem to be several versions about the naming of CU's magnificent mascot, Ralphie. In the recent issue of the *Coloradan* [Winter 2017], one letter suggested Ralphie was named for **Ralph Wallace** (Hist'68).

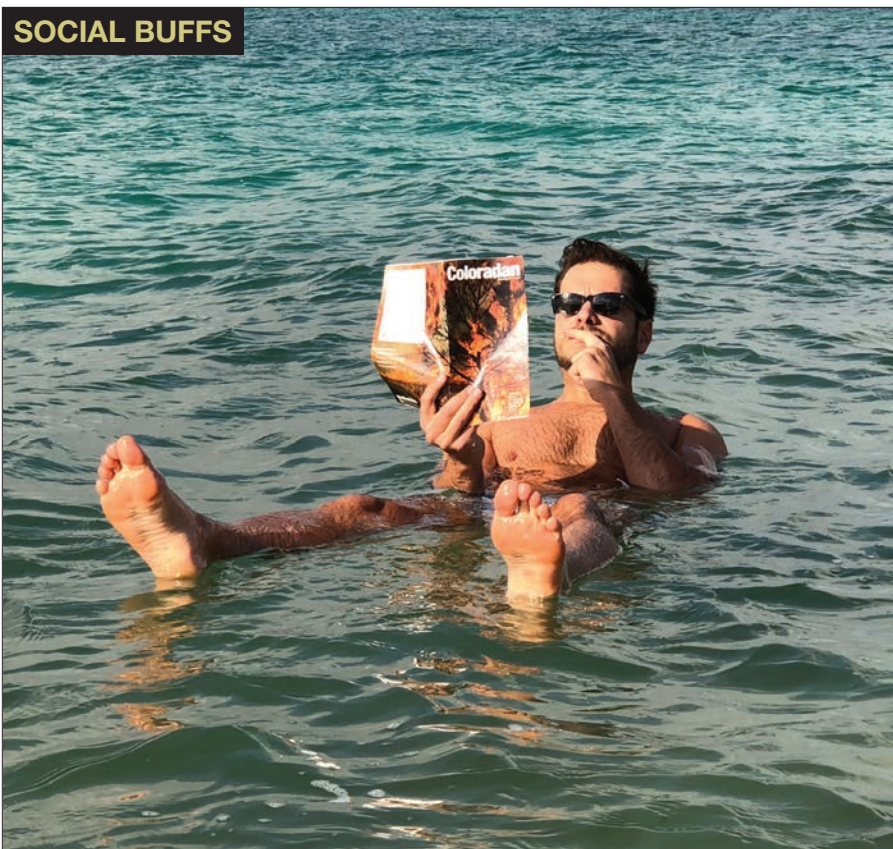
I would refer you to the September 2012 issue of the *Coloradan*, which says that Ralphie was named after the third son of the Rev. A. Balfour Patterson. This is the version I have believed all these years, and I am sticking with this version!

Barbara J. Belina
(Engl'69; MPubAd'81)
Lakewood, Colo.



Photo by Casey A. Cass

SOCIAL BUFFS



Where do you read the *Coloradan*? **Paolo Estefania** (Psych'14) brought his to the Dead Sea. He posted this photo on Instagram with the caption: "I always carry the best reading material!" Thanks, Paolo!

GETTING SOCIAL

Reader reactions to the Winter 2017 issue via Facebook:

Many people were excited to learn that New York City restaurateur and ramen master **Ivan Orkin** (Jpn'87) of Netflix' *Chef's Table* is an alum. "That spicy ramen is still my favorite in the city," wrote **Shahar Atary** (Law'13). John Creach wrote: "Ivan, open up a Ramen house in Norman, OK. I'll eat there every day."

Responding to our cover story about megafires, Carol Morris wrote: "People,

be careful, we are causing most of the fires." Edd Hamilton wrote, "Interesting data about the beetle kill in Colorado not leading to bigger fires. I thought once one of these areas got sparked, it would burn for a long, long time."



From **Seaton Thedger** (Law'06), after reading in "Where'd my 14er Go?" that Colorado may lose

a 14er or two due to a new elevation mapping system: "13ers are cooler anyway."

"Making Guns Safer," which highlights **Margot Hirsch's** (Class'82) vision for "smart guns," elicited strong reactions. Max Rogovin wrote: "Anything less reliable than a firearm as it stands today is a step backwards, not forwards." Michael Snyder declared: "We don't need smarter guns... we need smarter people."

Of our "Doorways of CU" poster contest, Claudia Pia Ho wrote: "I love this game, which reminds me that I had been living in this beautiful place. I wanna come back."

Photos courtesy Paolo Estefania; NASA

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LIST OF 10

10 CU ASTRONAUTS

1. **Scott Carpenter**
(Aero'49;
HonDocSci'00)
2. **Vance Brand**
(Fin'53; AeroEngr'60)
3. **Stuart Roosa**
(AeroEngr'60)
4. **John Swigert**
(MechEngr'53)
5. **Ellison Onizuka**
(AeroEngr'69; MS'69)
6. **John 'Mike' Lounge**
(MAeroEngr'70)
7. **Marsha Ivins**
(AeroEngr'73)
8. **James Voss**
(MAeroEngr'74)
9. **Kalpana Chawla**
(MAero'86; PhD'88;
HonDocSc'03)
10. **Steve Swanson**
(EngrPhys'83)

Scott Carpenter,
Oct. 27, 1964 ▶



Coloradan

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THEN

JULY 31, 1919

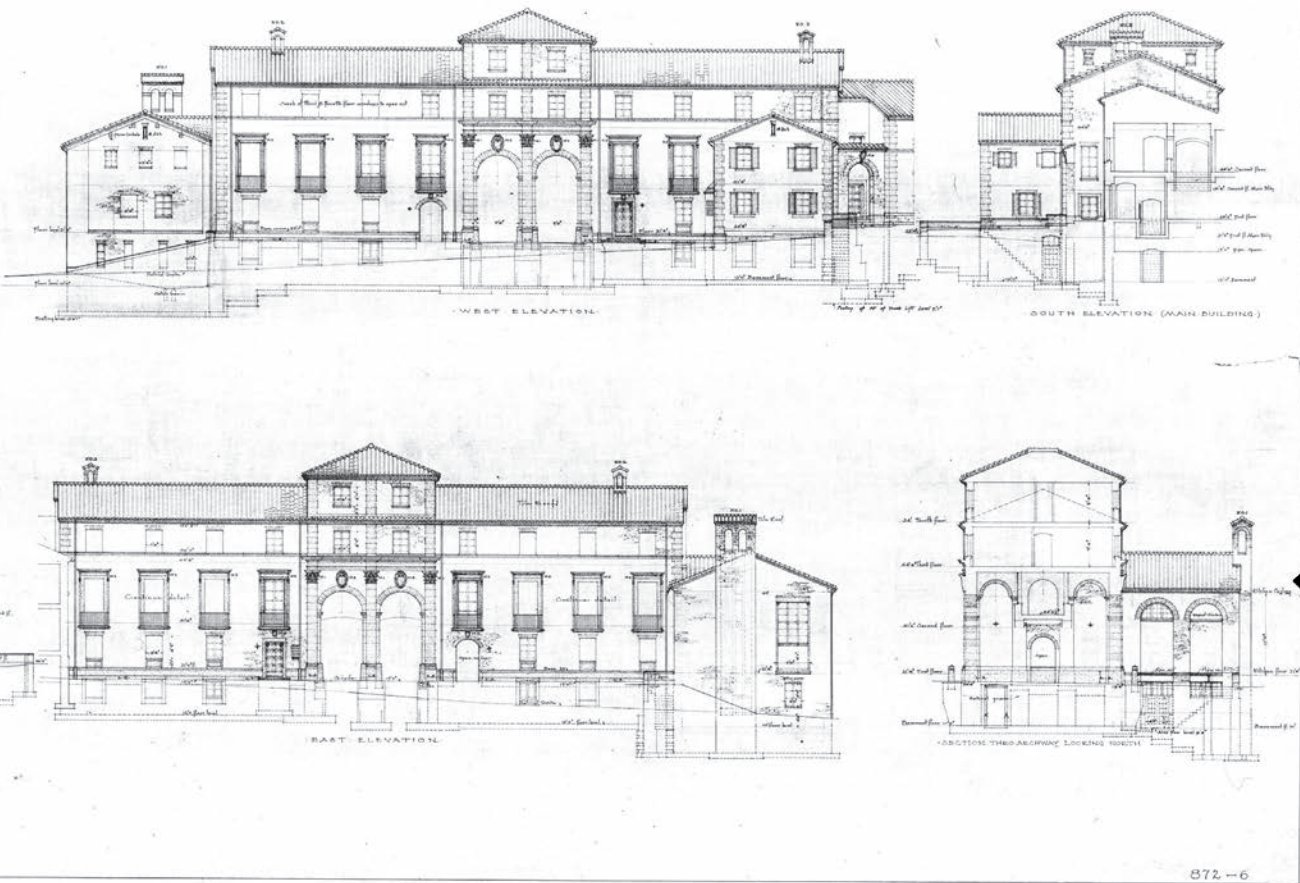
From its earliest days, CU Boulder educated men and women both. But it wasn't until 1934 that the first large-scale women's dormitory opened. You'd know it as Sewall Hall.

It turns out there were plans for an earlier sizable women's residence, never built. Last October, contractors discovered them among other items in a crawl space beneath the Folsom Field bleachers.

Dated July 31, 1919, and prepared by the firm of architect Charles Klauder — who designed Hellemes and other prominent CU Boulder buildings — the drawings depict a four-floor, boomerang-shaped structure along Broadway, just west of Hale.

Here you see excerpts from the blueprints, scanned and reversed to improve image quality. They're now in safe-keeping at the CU Heritage Center.

For more of the story, visit colorado.edu/coloradan.



Illustrations courtesy University of Colorado Boulder/CU Heritage Center

