

# Coloradan

Alumni Magazine Spring 2017

## ENDURANCE ATHLETE

"STOPPING  
CAN'T BE  
AN OPTION."



### ALSO IN THIS ISSUE:

ONCE **HOMELESS**, A STUDENT SETS HER SIGHTS ON **MEDICAL SCHOOL**

**ZOMBIES:** ROSS MARQUAND (THTR'04) OF *THE WALKING DEAD*

CU'S **FIRST GRADUATE**

**WHAT HAPPENED** TO HOME ECONOMICS?

**Be Boulder.**



Alumni Association  
UNIVERSITY OF COLORADO BOULDER

A portrait of Neil Gorsuch, a man with short, light-colored hair, wearing a dark blue suit jacket, a white shirt, and a dark blue tie with red and white diagonal stripes. He is looking slightly to his left. The background consists of heavy, golden-brown curtains framing a window with a decorative, circular pattern.

# NOW

**JAN. 31, 2017**

The president nominated Neil Gorsuch, a visiting professor at Colorado Law School, for the U.S. Supreme Court.

If confirmed, he would succeed Antonin Scalia, who died last year.

Gorsuch, a federal appeals court judge based in Denver, has taught ethics and antitrust law at Colorado Law since 2008. He lives in Boulder.

His parents, **Anne Gorsuch Burford** and **David Gorsuch**, were both members of Colorado Law's Class of 1964. Gorsuch went to Harvard Law School.

Two CU Boulder alumni have served on the U.S. Supreme Court: **Byron White** (Econ'38) and **Wiley Rutledge** (Law'22).



## 17 Taste of Victory

Colorado football delivered on its promise in 2016. We review the season and look ahead.

## 23 CU in the Family

The Garbarino-Miles clan has sent 50 members to CU Boulder — and counting.

## 27 From Beer, a Better Battery?

Two new CU PhDs put brewers' dirty water to work.

## 29 The Converter

Not an ice hockey fan? The NHL's **Heidi Browning** (Int'lAf'90) aims to make you one.

## 31 Earthquake

For some CU alumni, earthquakes are a part of daily life.

## 35 Zombies: A Success Story

Actor **Ross Marquand** (Thtr'o4) makes his mark in *The Walking Dead*.

## 39 Grit

A student, once homeless, fights her way to CU Boulder and aims for medical school.

## 43 Majors of Yesteryear

Academic subjects evolve. Some disappear. What decides the fate of a college major?

**COVER** Endurance athlete **Laura Knoblach** (Span'16; Edu'17) cycles in Boulder. Photo by Patrick Campbell.

**LEFT** ESPN reporter and personality **Kate Fagan** (Comm'03) will deliver CU Boulder's spring 2017 commencement address. A former Buffs basketball player, Fagan joined ESPN in 2012, after covering the NBA beat for the *Philadelphia Inquirer*. Her new book, *What Made Maddy Run: The Secret Struggles and Tragic Death of an All-American Teen*, is scheduled for publication this year.

## EDITOR'S NOTE

The United States could have a new Supreme Court Justice soon — one with CU ties. Federal judge Neil Gorsuch, Boulder resident and visiting Colorado Law professor, was nominated for the court's vacant seat in late January.

Congress was expected to consider his candidacy in March.

If Gorsuch, the son of two Colorado Law graduates, is confirmed, he would give CU Boulder and the state of Colorado their deepest SCOTUS affiliation since 1993, the year Justice **Byron White** (Econ'38) retired and returned to the Rockies.

White himself makes a timely cameo in this football-rich issue: 2017 marks the centennial of his birth. An All-American halfback, he was also his class's valedictorian, epitomizing the scholar-athlete.

Whatever your feelings about Supreme Court politics, and whether you like sports or not, it must be said: Colorado lawyers and athletes have set tongues wagging from sea to sea.

*Eric Gershon*



CONTACT ERIC GERSHON AT  
[EDITOR@COLORADO.EDU](mailto:EDITOR@COLORADO.EDU)

## DEPARTMENTS

1 NOW Neil Gorsuch

8 BOULDER BEAT  
Paul Danish

37 INFOGRAPHIC  
Inflatable Mascot

49 Sports

65 THEN  
Byron R. White

5 INQUIRY  
Steve Lamos

11 LOOK Sculpture

45 Alumni News

55 Class Notes

7 Campus News

13 ORIGINS The Graduate

47 The President's View

61 Letters



**DRUMMER HAS A PHD**

Steve Lamos, who teaches English, writing and rhetoric at CU Boulder, is also the drummer for *American Football*, a late-'90s rock band that Rolling Stone ranks among the "Top 10 All Time" emo bands. The group recently reunited after 15 years and released a second album, *American Football (LP2)*.

**American Football returned to the stage in October with three sold-out shows at Webster Hall in New York. Were you expecting this reception?**

I thought we were playing the basement. The venue said, "We're going to book you upstairs and see what happens." Within one minute of tickets going on sale, all 1,500 were gone.

**How was it?**

I had never played anything the size of Webster Hall. People kept introducing themselves and telling us they flew in from Europe or Malaysia or Scandinavia or Australia. People were taking pictures with us and showing us their band tattoos.

**Were you aware of how popular American Football has become**

**since it disbanded, in 1999?**

I was almost completely oblivious. When murmurs of this reunion began and we started getting offers for more money than we had ever thought about, it started to sink in. It's interesting to watch history revise itself. People did not like the first album when it came out, and reviews were lukewarm at best. Fifteen years later, though, we're in "Top 10 All Time" lists for the "emo" genre in *Spin* and *Rolling Stone*. But at the time, nobody cared. The biggest crowd we ever drew was maybe 100 people, and they were completely bored.

**Do your students know you're part of one of the "most influential" and beloved '90s emo rock bands?**

Some grad students in English were teasing me about it a while ago. As cool as the whole band thing is, it's a tiny piece of life. On campus, I'm here to do a different job entirely.

**Did you always know there was more in store for American Football?**

I always did feel like the band ended prematurely. That said, I never thought it would all come back together. I had to earn tenure, and music was very much

on the back burner. Not that this has changed. I still love doing my job.

**You play drums and trumpet?**

I've played the trumpet since I was six. My dad had this dance polka band and he would bring me on stage when I was little. It came about with *American Football* because there were a couple melodies that it went well with.

**Did you also start playing drums at an early age?**

I didn't start playing drums until I was 21. I was ready for a break from the trumpet, and I wanted to be in rock bands.

**What was it like meeting up with your college buddies to practice again?**

I was in Chicago giving a keynote speech and had the opportunity to play with the guys for the first time in 15 years. After four hours of practicing, my wife called. She was eight months pregnant. She tells me, frantically: "Our daughter is coming!" After playing with the guys for the first time in forever, I rushed to O'Hare, jumped on a plane, and drove to the hospital. My daughter was born an hour later.

**How did American Football (LP2) come about?**

After about 30 shows back together, we started asking, "Do we want to think about new music?" We did, and evidently Polyvinyl Records agreed.

**What do you love about the new album?**

I'm awfully proud of this one, especially the slow-burning tracks like "Born to Lose" and "Give Me the Gun." Mike [Kinsella] did a nice job imagining what the characters of the first album would be thinking about 15 years later. There was no attempt to sound like the first record.

**What's next for American Football?**

We've got some weekend gigs in the spring and a few longer trips for the summer. Part of the goal is to try to get new fans without making the old fans mad. As long as I can balance it with my life here at CU Boulder, I'll keep doing it.

*Condensed and edited by Andrew Daigle (PhDEngl'16). A longer version of this interview is at [colorado.edu/coloradan](http://colorado.edu/coloradan). Search "Lamos."*

# Campus

News SPRING 2017

## Boulder's Got Talent

CITY TOPS "BRAIN CONCENTRATION INDEX"

A NEW MEASURE OF fitness for success in America's high-tech economy shows Boulder has the right stuff. When *Bloomberg News* published its "2016 Brain Concentration Index" in December, metro Boulder ranked first.

The index measures "per-capita concentration of residents working in science, technology and engineering occupations or who have science and engineering college degrees or post-graduate degrees."

In a story about the index, *Bloomberg* introduced Boulder as a "tech incu-

bator and the home of the University of Colorado." It also highlighted the region's aerospace, bioscience and renewable energy industries, software firms and abundant federal science labs.

"The public-sector presence contributed to the brains," **Clif Harald** (DistSt'75), executive director of the Boulder Economic Council, said in the story.

Two other university towns made the index's top five: Ann Arbor, Mich., home of the University of Michigan, and Ithaca, New York, home of Cornell University.

San Jose, Calif., and Washington, D.C., round out the top five.

A major Google campus is under construction at 30th and Pearl Streets in Boulder, as the Internet search giant prepares for a local head-count expansion that could eventually bring total local employment to 1,500. Twitter and Microsoft also have operations in the city, along with a host of smaller tech firms and start-ups.

*Bloomberg* capped its story with a headline that says it all: "America's Best and Brightest Are Headed to Boulder."

By Eric Gershon

Illustration by Brian Stauffer



BOULDER BEAT By Paul Danish



### END OF THE CYCLE AT DOOZY DUDS?

EISENHOWER WAS PRESIDENT WHEN the first dimes dropped.

The year was 1958. An L-shaped shopping center named University Plaza opened on the southwest corner of Broadway and University. Its tenants included Al's Barber Shop, Myrtle's Beauty Salon, Sam's Fine Food (they served a great chicken fried steak), Anderson Drugs — and a sparkling new laundromat named Doozy Duds.

A load of wash cost a quarter, if memory serves. A dime would buy you 15 or 20 minutes in a giant dryer. A Dixie cup of detergent cost a nickel.

In the ensuing 59 years businesses came and went in University Plaza. Sam's was succeeded by eateries too numerous to mention. Myrtle's Salon gave way to Crazy Horse Salon. Anderson Drugs, which was owned by an uncle of CU football stars **Dick** (Mktg'68) and **Bobby Anderson** (A&S'70), was replaced by Bova's Market and Grill.

But Doozy Duds endured. Ten presidents, the Vietnam War, beatniks, hippies, punks, junkies, street people, Boomers, and X-ers came and went, but like Proud Mary the big dryers kept on turning.

In the early days it stayed open all night. It was the study hall of last resort, a place to converse with geniuses, dreamers, eccentrics and crazies of all stripes.

My favorite was Janos, a Hungarian émigré who held forth with world-class

cynicism and a mad gleam in his eye while smoking a tiny clay pipe filled with pungent tobacco. (He was frequently wrong but never in doubt.)

There was a music scene. A banjo player with the Haystack Mountain Boys told my companion **Sue Diehl** (MJour'82) that if he wanted to jam, he'd go down to the Doozer and start strumming — before long fellow musicians would materialize out of nowhere.

A jazz musician named Fly would play his sax there. He had a wispy goatee that grew out of one side of his face.

Former CU cheerleader (and Boulder City Councilwoman) **Gwen Dooley** (A&S'61) told me guys used to take rides in the Doozy Duds dryers.

But now the dreaded hour may be about to strike. A developer wants to scrape University Plaza along with the shops to the south of it (currently home of Tra Ling's and the Fitter headshop, now in the former Look Photo Building) and put up a 155-room hotel and parking structure.

In other words, it looks like it's five minutes to midnight at University Plaza and the end of the cycle for Doozy Duds.

In the words of poet Charles Kingsley: *So fleet the works of man, back to the earth again.*

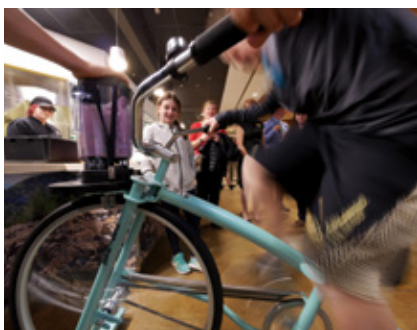
*Ancient and holy things fade like a dream.*

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

Photo by Glenn Asakawa

## A Place to Eat and Stay Awhile

NEWEST DINING HALL OFFERS WILLIAMS VILLAGE A LOT MORE THAN FOOD



USE A STATIONARY BIKE to blend your own smoothie. Feast on local meat. Eat breakfast for dinner every day.

It's all possible at the Village Center Dining and Community Commons at Williams Village, a 109,000-square-foot facility that replaced the now-demolished Darley Commons. The space, which opened in January and is open to the public, has cozy furniture, ample natural light, magnificent Flatiron views and more.

The Grotto Cafe, open until 2 a.m., offers quick bites and easy socializing. There's an on-site tutoring center and a health clinic to serve Williams Village's roughly 2,800 residents, an outdoor fire pit and late-night study areas. There are plans for a convenience store, UPS store and start-up space for entrepreneurs.

"We're advertising this place as one where you can hang out for two to three hours and come and go at your leisure," said Jon Keiser, project manager of the \$48.9-million facility.

Beginning next fall, the dining hall's salad bar will feature lettuce grown on one of 156 eight-foot towers in a gigantic on-site greenhouse.

A 5,000-square-foot area for conferences, large events and breakout meetings occupies the ground floor, along with a full catering kitchen. Upstairs, a teaching and demonstration kitchen will host cooking classes.

Said Keiser: "We want this to be a lively and active building."

By *Christie Sounart* (four'12)

Photos by Glenn Asakawa

### LIVE AT FOLSOM: DEAD & COMPANY

Dead & Company returns to Folsom Field in June for two concerts. Last July the band, which includes three Grateful Dead members and John Mayer, performed Folsom's first live music shows in 15 years. More than 50,000 people attended. As of early February, the Dead & Co. concerts were Folsom's only scheduled musical performances for 2017. Tickets for the June 9 and 10 concerts are available at cubuffs.com.

### SEEN AROUND CAMPUS

## "NORMALIZE VECTORS, NOT HATE."

— Sign displayed by Mathematicians Against Division, an informal campus group, before a Jan. 25 campus talk by Milo Yiannopoulos titled "Why Ugly People Hate Me."

### SEEDING THE CLOUDS

CU Boulder researchers have begun a three-year project to generate more winter snowfall in southwestern Idaho with the aim of producing greater river runoff for Western hydroelectric dams.

Using aircraft, the scientists will seed clouds with silver iodide to stimulate snowflake formation and measure effects.

The experiment is called Seeded and Natural Orographic Wintertime Clouds — the Idaho Experiment, or SNOWIE. Supported by the National Science Foundation, it also involves University of Wyoming and University of Illinois-Urbana Champaign researchers.

*Read more about the project at [colorado.edu](http://colorado.edu). Search "cloud seeding."*



Photo by Glenn Asakawa

### DIGITS

#### CU EDUCATION ABROAD

# ONE

Name change, from Study Abroad to Education Abroad

# 30,000

Approximate total number of CU students who have participated in an international experience through EA

# TWO

Most popular countries: Spain and Italy

# 1,400

Approximate number of students who will study abroad in 2016-17

# TOP 5

Majors for study abroad: Int'l. affairs, finance, psych, marketing, EBio

# 25

Faculty taking students abroad during the summer 2017 term

# FOUR

Countries off the beaten path for recent study abroad students: Botswana, Cuba, Indonesia and Madagascar



#### ARTIST OR SCIENTIST? BOTH.

You'd know it as marble, but Bob Sievers sometimes refers to his preferred raw material by another name: calcium carbonate. That happens when the sculptor is also a research chemist.

"My science has informed my art, and my art has informed my science," said Sievers, a CU chemistry professor who took up sculpting in the 1980s as a diversion from academic and entrepreneurial life. (He's also formed two biotechnology firms and served as a CU regent.)

In 1990 Sievers purchased 35,000 pounds of marble from Missouri and shipped it to Boulder on an 18-wheeler. He's been chipping away at it ever since. In all, he's produced 55 sculptures.

"I could do more if I did smaller things," he said. "But I like to do life-size pieces."

Besides human forms — a ballerina's leg, say, or a nun — he favors natural phenomena as subjects: Owls, flowers, dolphins, buffalo, salt crystals seen under a scanning electron microscope.

Sievers has sold or donated many works, some decidedly abstract, some in alabaster, acrylic glass or bronze. All four CU campuses have at least one. Several are on display at CU Boulder, including his favorite, "Calla Lily," top right.

EG

## Planet of the Apes? Ever Less So.

### THE WORLD'S PRIMATES FACE LETHAL REALITIES

HUMANS' CLOSEST RELATIVES ARE in serious danger.

Populations are falling for 75 percent of all known primate species, according to research by a team of scientists that included CU Boulder's Joanna Lambert, a primate expert in the anthropology department. And about 60 percent of the 504 known non-human primate species are on a fast-track to extinction.

The scientists express urgency in the very title of their paper, "Impending Extinction Crisis of the World's Primates: Why Primates Matter."

They make clear that humans created their fellow mammals' dire straits, primarily due to vast erosion of natural habitat through development. Hunting, climate change and human disease are also factors, they said.

"Unsustainable human activities are now the major force driving primate species to extinction," the scientists wrote in the paper, published in *Science Advances* in January.

Monkeys, gorillas, gibbons, orangutans and other familiar, human-like mammals help regenerate forests and maintain ecosystems, among other

valuable activities. Given their similarities to humans, they also help us learn about ourselves.

Humans also represent the main hope for saving the other primate species. Improving living standards in places where humans hunt them for food could discourage the practice, for example. And in some (but not all) places, promoting

## IT'LL BE UP TO HUMANS TO SAVE OUR FELLOW PRIMATES.

eco-tourism could help: Making endangered primates economically valuable would incentivize protection.

The scientists end on a defiantly optimistic but urgent note.

"We remain adamant that primate conservation is not yet a lost cause," they wrote — provided humans act now.

EG



PRAESES ET CURATORES  
**Academiae Coloradensis.**  
 OMNIBUS HAE LITTERAS PERLECTORIS,  
 Salutem in Domino.

Notum sit quod **Henry Alexander Drumm** gradus *primi*  
*candidatum*, pro eius meritis titulo gradusque **Baccalaurei** in Artibus  
 placuit nobis adornare, eique dedimus omnia privilegia, jura et insignia,  
 honores ac dignitates, quae in REBUS PUBLICIS HIS FOEDERATIS, et ubique gentium,  
 ad eundem gradum pertinent.

In cujus rei testimonium hisce literis Academiae Sigillum  
 et nostra chirographa apponenda curavimus.

Datum ex AEDIBUS ACADEMICIS BOULDERAE IN REPUBLICA COLORADINIS, die octavo  
 Junii, annoque HUMANE SALUTIS MDCCCLXXVII REIPUBLICAE AMERICANAЕ CMI

Horace M. Hale Scriba Joseph Addison Sewall Praeses.

#### DRUMM ROLL, PLEASE

There are nearly 300,000 CU Boulder alumni today. For a few moments on a spring day in 1882, there was just one: Henry Alexander Drumm.

When roll was called at the University of Colorado's first commencement, held at Old Main on June 8 of that year, Drumm's name came first alphabetically in the class of six, making him, in a sense, the university's first graduate.

Many years later, his diploma, pic-

tured above, found its way into Norlin Library's files. Today the original parchment resides in the CU Heritage Center, which occupies the top floor of Old Main, bringing the diploma full circle.

Drumm came from a pioneer family originally from Iowa, and he seems to have had a trailblazer's taste and energy for trying new things, according to research by Heritage Center curator Mona Lambrecht. In the course of his 79 years, he worked as a barber, newspaper reporter, teacher,

legal clerk, real estate and insurance broker, railroad level-man, lawyer and, for decades, mapmaker and publisher.

Raised in Colorado, Drumm also lived in New York City — where he attended Columbia Law School — and Omaha, Neb.

After returning to Colorado for good in the late 1890s, he was elected to the state legislature and served on the Boulder City Council.

Amid all this, he married twice and fathered seven children.

Shortly after that first commencement, in 1882, the class organized an alumni association. Drumm served as founding president.

First among his classmates, Drumm was the last one standing when, on April 17, 1937, he died at home on Grove Street in downtown Boulder. He rests in peace in Green Mountain Cemetery, near Chautauqua Park.

Eric Gershon



We don't just deliver babies.  
We deliver families.

See Kacy's story at  
[sclhealth.org/Kacy](http://sclhealth.org/Kacy)



Ever since Kacy was a little girl, she wanted to be a mom. So when she and her husband decided to have children, they hoped for a healthy, happy baby. It never occurred to them that something could happen to Kacy. Shortly after their son Bode was born, Kacy wouldn't stop bleeding and was immediately rushed to the OR. SCL Health's expert care and delivery team made sure Kacy, who lost over half her blood delivering Bode, made it safely back to her family and could fulfill her dream of becoming a mom.



**Saint Joseph**  
HOSPITAL  
Denver, CO

**Good Samaritan**  
MEDICAL CENTER  
Lafayette, CO

**Lutheran**  
MEDICAL CENTER  
Wheat Ridge, CO

**Platte Valley**  
MEDICAL CENTER  
Brighton, CO

**St. Mary's**  
MEDICAL CENTER  
Grand Junction, CO

**SCL Health**  
COMMUNITY HOSPITAL  
Denver Region

## DOES CU BOULDER HOLD A PLACE IN YOUR HEART?

**Come back to campus and host your next event or celebration at the Koenig Alumni Center!**

The Koenig Alumni Center is perfect for:

- Weddings
- Holiday Parties
- Special Occasions
- Meetings and more!

**For more information visit:**  
[colorado.edu/alumni/rentkoenig](http://colorado.edu/alumni/rentkoenig)



**CU BOULDER ALUMNI RECEIVE A 10 PERCENT DISCOUNT.**



Alumni Association  
UNIVERSITY OF COLORADO BOULDER

# Taste of VICTORY

BUFFS DELIVER THE TURNAROUND WE'D ALL BEEN WAITING FOR.

LET'S BE CLEAR: 2016 was spectacular for Buffs football.

Never mind that the postseason was no cause for joy. The point is, there was a postseason — for the first time in a decade — preceded by months of fingers-crossed hope, feverish optimism and real wins. Ten in all, eight in the Pac-12.

The prior season, CU was 1-8 in conference play.

This wasn't just a turnaround; it was an about-face.

On Twitter, one football fan — a Nebraska grad, no less — proclaimed it “movie-worthy.”

So, fans are excited about Colorado football again, and should be. Besides winning lots of games, the Buffs won a division title, played in a conference final and, for the first time since 2007, appeared in a bowl.

Along the way they delivered a thumping win (44-7) over Colorado State, made a good run at Michigan, reached a top 10 national ranking, sold out Folsom Field for the first time since 2008 and made a lot of people happy.

In the bitter end, the Buffs faced off in the Alamo Bowl against another great team, Oklahoma State, on ESPN.

Buff Nation can admit the bowl went badly (38-8 loss) and still feel great about the season, which defied all expectation and led to a heap of coach-of-the-year awards for head coach Mike MacIntyre.

As former CU and NBA basketball star **Chauncey Billups** (Soc ex'99) tweeted to the team in December, “You guys made us all proud this year.”

The 2017 season opens Sept. 1.

By Coloradan staff



One football fan called the Buffs' 2016 season “movie-worthy.” The team went 8-1 in the Pac-12, reversing its 2015 record.

TIMELINE

91

Buffs win Orange Bowl, then first national title



94

Coach Bill McCartney retires

Rashaan Salaam (Soc ex'95) wins Heisman Trophy

95

10-2 record, finish No. 5 in AP Top 25; coach Rick Neuheisel in charge

99

Neuheisel leaves for Washington, Gary Barnett takes over

02

CU on probation for Neuheisel's recruiting violations

04

Houston Bowl victory over UT El Paso

05

Lose Big 12 title game to Texas 70-3  
Barnett fired; lose Champs Sports Bowl  
Dan Hawkins hired from Boise State

06

2-10 record

07

Lose Independence Bowl to Alabama, 30-24



10

CU says it will join Pac-10 (now Pac-12)  
Hawkins fired, Jon Embree (Comm'89) hired

# Q&A with MIKE MACINTYRE

CU's head football coach since late 2012, Mike MacIntyre won nearly every major college Coach of the Year award for the Buffs' 2016 performance, including the Associated Press and Walter Camp awards. Here he reflects on the season and offers a glimpse of his life away from Folsom Field. A longer version of this interview is available at [colorado.edu/coloradan](http://colorado.edu/coloradan).

## Can you pick one moment that stands out as the best/most memorable of the season for you?

That's not a fair question! There were so many. I would say the most memorable moment, at the time, when it happened, was **Ahkello Witherspoon's** (EBio'17) interception against Oregon. In the end zone. To seal the game.

## Is there anything you'd do differently, as a coach, in hopes of changing the outcome of the final two games?

We built this program over the last four years. We've made incremental starts and then we made a big jump. The way everybody sees it, it all happened all of a sudden. Well, no it didn't. It was built, built, built, built and then we made it. Of course, there's different things looking back you can say you'd like to change, but we played two top-10 teams, played them in a big atmosphere. Now you've got to be a little more intense, execute a little better. When we get there next year, we'll be ready for that.

## The expectations will change heading into the

## 2017 season. How do you address that with the players?

Expectations are good. How you prepare on a daily basis to realize it's the hard work is what helps you reach those expectations. We'll probably be ranked going into next year, I would think, and so everyone is going to say, 'Y'all have arrived.' No, we go back to ground zero and start working again.

## What was it like to be a part of ESPN's championship broadcast on Jan. 9?

It was kind of chaotic. It was fun to hear the perspective of the other coaches and watch it that way, but it was long. I was wishing I could go climb on my couch and take a nap.

## What is your favorite running route in Boulder?

Wow. I enjoy running down Boulder Creek because that's the place I can go to the most. ... It's funny, people used to try to run over me on their bicycles and now they wave at me and say, "Hi," since we've been winning.

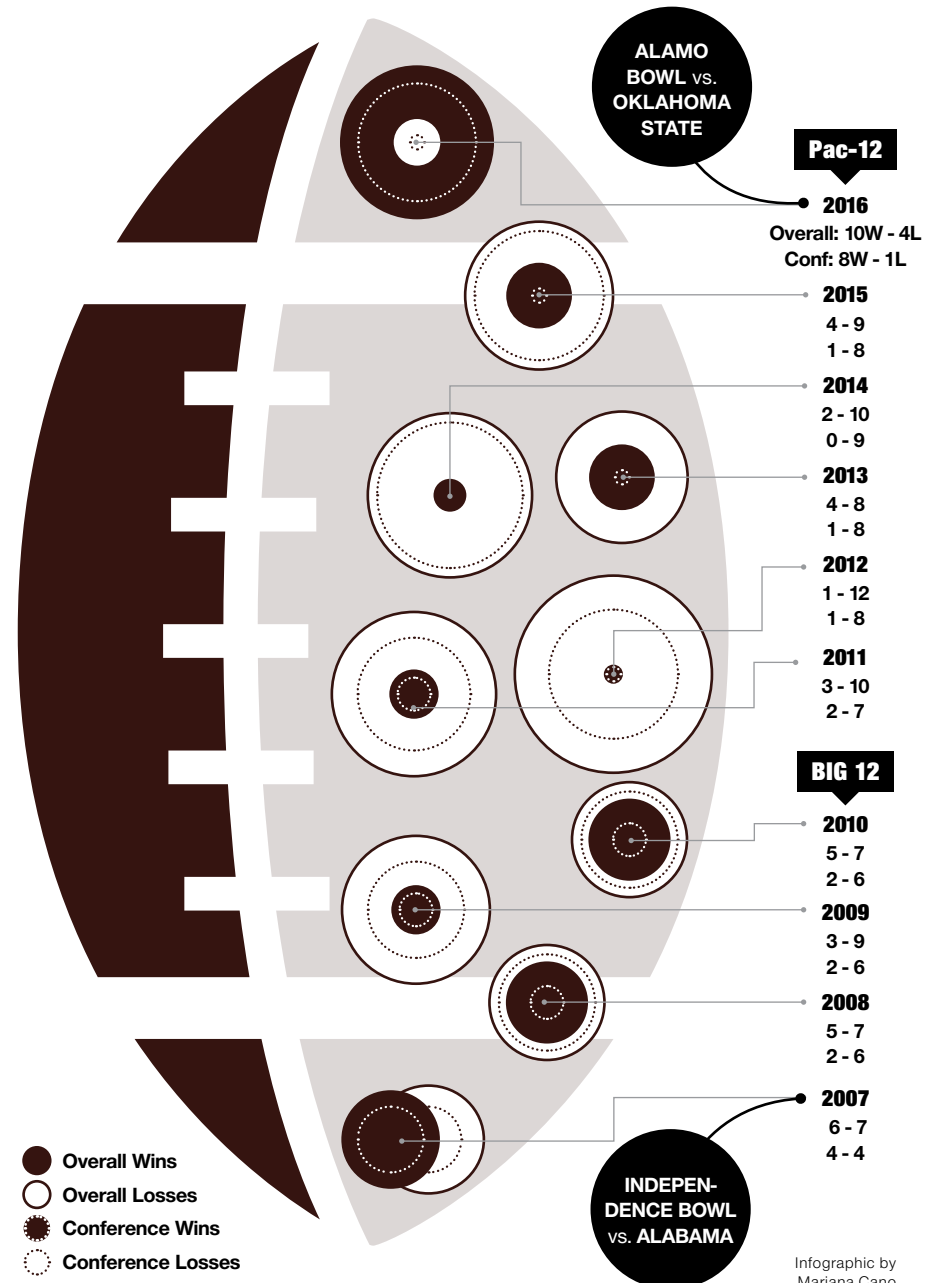
## How many hours of sleep do you get a night?

Are you talking about straight through? Most of the time I'm waking up at 3 or 4 in the morning. ... Spring break, I sleep good. Everybody's in school, we can't recruit, I go to the beach, hang out, get tired and sleep. I don't even set my alarm clock. The other good thing is my cellphone doesn't work too good down there [Amelia Island, Fla.] either.

*Condensed and edited by Jennifer Osieczanek.*

# WINS AND LOSSES

## Season Records Between the Bowls





Infographic by Mariana Cano



<p>1 1 ▶</p> <p>3-10 overall, 2-7 in first Pac-12 season</p>	<p>1 2 ▶</p> <p>Winless at home, Embree fired</p> <p>Enter coach Mike MacIntyre</p>	<p>1 3 ▶</p> <p>Rick George becomes athletic director</p> <p>MacIntyre leads Buffs to 4-8 record</p>	<p>1 4 ▶</p> <p>Construction starts on new sports facilities</p> <p>Winless in Pac-12, finish season 2-10</p>	<p>1 5 ▶</p> <p>Jim Leavitt hired to run defense</p> <p>4-9 record</p>	<p>1 5 ▶</p> <p><b>Darrin Chiaverini</b> (Comm'99) hired as co-offensive coordinator</p>	<p>1 6 ▶</p> <p>Finish \$166-million facilities project</p> <p>Open season with 44-7 win over CSU, beat Oregon 41-38</p>	<p>1 6 ▶</p> <p>Ranked for first time in 11 years (No. 21 in AP poll)</p>	<p>1 6 ▶</p> <p>Beat Utah 27-22, clinch Pac-12 South title; finish reg. season 10-2</p> <p>Ranked No. 8 in College Football Playoff Rankings</p>	<p>1 6 ▶</p> <p>MacIntyre wins Pac-12 Coach of Year</p> <p>First Pac-12 Championship appearance, lose to Washington 41-10</p>
--------------------------------------------------------------	-------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------	------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------

2016: GAME BY GAME



Sept. 2

	Colorado State	7
	Colorado	44



Sept. 10

	Idaho State	7
	Colorado	56

Sept. 17

	Colorado	28
	Michigan	45



Sept. 24

	Colorado	41
	Oregon	38



Oct. 1

	Oregon State	6
	Colorado	47



Oct. 8

	Colorado	17
	USC	21



Oct. 15

	Arizona State	16
	Colorado	40



Oct. 22

	Colorado	10
	Stanford	5



Nov. 3

	UCLA	10
	Colorado	20



Nov. 12

	Colorado	49
	Arizona	24



Nov. 19

	Washington State	24
	Colorado	38



Nov. 26

	Utah	22
	Colorado	27

Dec. 2: Pac-12 Title Game

	Colorado	10
	Washington	41

Dec. 29: Alamo Bowl

	Oklahoma State	38
	Colorado	8

# Key Returning PLAYERS

Eleven 2016 Buffs starters are expected to graduate this spring, including stars **Sefo Liufau** (Econ'17, quarterback) and **Tedric Thompson** (Soc'17, defensive back). But nearly the entire starting offense and key defenders who made big contributions are expected to return. Here are five players to keep an eye on in 2017.

## LB ADDISON GILLAM

(Psych, Soc'18)

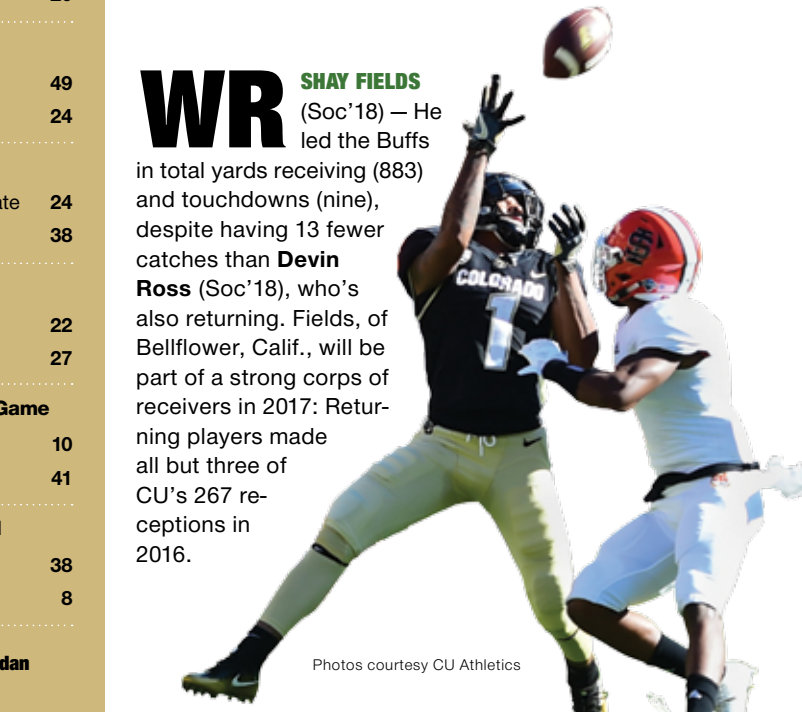
— Gillam, of Palo Cedro, Calif., was a member of MacIntyre's first recruiting class at CU four years ago, but gets an additional year to play after a knee injury forced him to redshirt in 2015. He's come back strong and will look to recapture the magic of his first season, when he had a team-leading 119 tackles and earned first team Freshman All-America honors.



## WR SHAY FIELDS

(Soc'18)

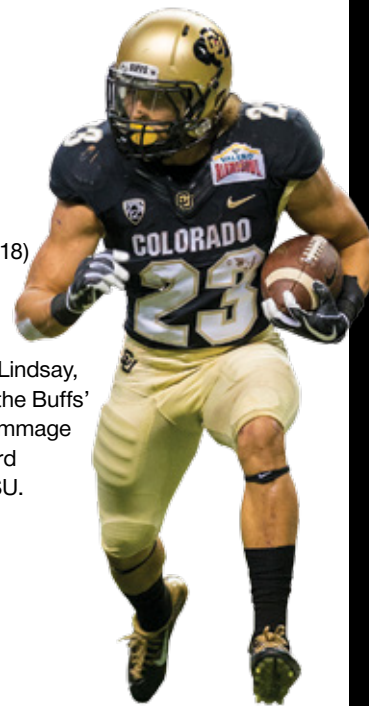
— He led the Buffs in total yards receiving (883) and touchdowns (nine), despite having 13 fewer catches than **Devin Ross** (Soc'18), who's also returning. Fields, of Bellflower, Calif., will be part of a strong corps of receivers in 2017: Returning players made all but three of CU's 267 receptions in 2016.



## RB PHILLIP LINDSAY

(Comm'18)

— He became CU's top back early on and rushed for more than 100 yards four times. Lindsay, of Aurora, Colo., had the Buffs' longest play from scrimmage last season — a 75-yard touchdown run vs. ASU.



**S AFOLABI LAGUDA** (Econ'18) — He finished the season third on the team with 83 total tackles and added an interception, forced fumble and fumble recovery. Along with Gillam and LB **Rick Gamboa** (Psych'17), Laguda, of Snellville, Ga., will be expected to help lead the defense.



## QB STEVEN MONTEZ

(StComm'20)

— The rising sophomore from Texas played in 11 games and made three starts while starter **Sefo Liufau** (Econ'17) was hurt. Montez finished 79-for-131 for 1,017 yards, nine touchdowns and four interceptions. He's expected to be the only QB on the roster with college experience come fall.



## TWITTER HISTORY OF THE SEASON

**Coach Mike MacIntyre** @CoachMikeMac Will not be tweeting for a while. Laser focus for the season #GoBuffs

**Pac-12 Network** @Pac12Network @RunRalphieRun is VIC-TORIOUS! The Buffs defeat cross-state rival Colorado State 44-7. #GoBuffs



**Maize n Brew** @MaizenBrew Touch-down Colorado. 37-yard pass from Sefo Liufau to Devon Ross. Colorado up 7-0 as Michigan trails for the first time this season.

**Denver Post Sports** @DPostSports Colorado Buffaloes' landmark victory at Oregon has created surging energy.

**Adam Munsterteiger** @adamcm777 Just got word from @davidplati that today's #CUBuffs regular season finale is officially a sell out. First since 2008 vs. Texas.

**Chauncey Billups** @1MrBigShot @RunRalphieRun tough ending to an awesome season. You guys made us all proud this year. #betternextyr

**Darrin Chiaverini** @CoachChev6 Excited to see what 2017 has in store for the Colorado Buffaloes! The foundation has been established! #CUin17 #CUin18 #NewEra 🙌🙌🙌



LUCINDA  
GARBARINO

## CU in the Family

THE GARBARINO-MILES CLAN HAS SENT FAMILY MEMBERS TO CU BOULDER FOR FIVE GENERATIONS IN A ROW, REPRESENTING MORE THAN 50 BUFFS IN ALL — AND COUNTING.

By Lisa Friedrich Truesdale

LOUIS GARBARINO WASN'T THE type to give up.

In 1859, the 20-year-old Italian immigrant headed west from St. Louis with three of his brothers, hoping to strike it rich in Colorado's gold rush. They'd made it part way when attackers stole their supplies and slaughtered their animals. The brothers retreated to Missouri and soon tried again, triumphantly.

## SOMETHING AMAZING IS HAPPENING RIGHT HERE IN BOULDER.

That's how the family of **Martin "Marty" J. Miles** (Math'60; MS'67) came to Colorado, setting the stage for a remarkably enduring relationship with CU Boulder.

"Without his determination and dedication, none of it would have happened," Miles — one of more than 50 members of his extended family to attend CU over five generations — said of his great-grandfather.

Instead of panning for gold, Louis Garbarino opened a restaurant in Boulder, which soon became home to the University of Colorado. In the late 1890s a daughter, **Lucinda Garbarino** (BA 1901; MA 1902) — Miles' great-aunt — set the family's CU tradition in motion, enrolling as a student. She went on to teach at the university for nearly 40 years, personally tutoring President George Norlin in Latin and Greek. **Derek Miles** (Jour'15), Martin's grandson, is the family's latest graduate. Derek's sister, **Elise** (IntPhys'19), is a student now.

In between, dozens of other Garbarinos and Mileses have become Buffs, among them Marty Miles' father, siblings, children and various aunts, uncles, cousins and others. Myron Witham, CU's head football coach from 1920-31, is a relation by marriage.

Even as CU courts first-generation college students, broadening the tapestry of the CU clan, it benefits from a sturdy backbone of loyal legacy families, which give a literal dimension to the kinship many alumni feel and which provide reliable support for the evolving university.

The exact number of legacy families is unknown. But a 2015 campus study found that nearly 25 percent of 67,000 students who attended from 2005 to 2013 had some kind of family relationship with a prior CU student. Ten percent had more than one Buff relative and five percent had an alum grandparent.

An unbroken chain of more than three generations is rare, making the Garbarino-Miles clan exceptional for its continuity and longevity.

"A lot of us think of fellow Buffs as family, and for more than a few, they literally are," said **Ryan Chreist** (Kines'96; MPubAd'09), executive director of the CU Boulder Alumni Association, which offers graduating legacy students special tassels for their commencement caps.

Last year the association also awarded more than \$50,000 in scholarships to legacy students.

For Marty Miles, an 83-year-old mathematician retired from the National Institute of Standards and Technology (NIST), tradition and proximity combined to produce ideal conditions for a multi-layered, lifelong affinity for CU Boulder.

Growing up on The Hill in the 1930s and '40s, he could hear Old Main's bell ringing several times a day. He recalls that his grandmother, **Talitha Garbarino Miles** (A&S ex1899), would suddenly stop what she was doing to say, "Just listen to that. Isn't it wonderful?"

Marty treated campus as his own backyard and personal playground. When he was about 10, he discovered something magical while exploring there — football players practicing in full gear.

"I remember thinking, 'I can't believe something so amazing is happening right here in Boulder,'" he said, noting he's missed fewer than 10 home football games since then, and those only due to Navy service.

When it came time for college, there was no question where Marty Miles would go.

"Back then, no one really left home to go to college," he said, "but I was so determined to go there, I didn't even consider anywhere else."

It didn't hurt that his father, Boulder physician **Martin B. Miles** (BA'23; MD'31), had preceded him.

One day, in an English class in Hellems, Marty met **Betty Thompson** (PolSci'61), who would become his wife. Their union would yield a fourth generation of Miles Buffs, **Barbara Miles** (A&S ex'78) and **Martin W. Miles** (PhDGeog'93).

Martin W. is now a climate researcher in Bergen, Norway, and an associate of INSTAAR, the Institute of Arctic and Alpine Research, CU's oldest institute. An expert in Arctic Sea ice and paleoceanography, he faithfully follows CU football from his home, often staying up through the night to catch the video feed of the games. Barbara began her studies at CU, then transferred to USC for a taste of Southern California. Her son, Derek, pursued the reverse course — starting at the University of Arizona, eager for his own out-of-state experience, then transferring to CU.

"Call it the curse of the Buffalo!" Derek joked.

Marty said most family members stay engaged with CU their whole lives. His brother, **Patrick Miles** (PolSci'64; MPubAd'77), is an alumnus of both the Boulder and Colorado Springs campuses and a past president of the Springs' alumni association.

What is it that keeps so many Mileses and Garbarinos coming to CU — or compels them to return after a dalliance with another school?

Each member of the family explains it differently, but all describe it as something they've felt all their lives.

To Marty, his family's CU affiliation is a renewing gift, generating a fresh burst of pride as generation after generation chooses to take part. He talks of huge summer barbecues where nearly everyone in the extended family is decked out in CU gear.

"CU is a unifying factor in our family, the one thing we all have in common," he said.

He's thrilled when someone in the family applies to the university, and he never makes anyone feel guilty for going elsewhere.

But, he admits, "I'm usually thinking, 'It's a great school, so why would you want to go anywhere else?'"

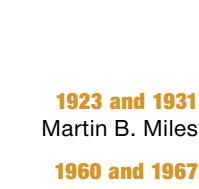
Writer **Lisa Friedrich Truesdale** (Ling'86) lives in Longmont, Colo.

Photos courtesy Miles family

1899  
Talitha Garbarino



1901 and 1902  
Lucinda Garbarino



1923 and 1931  
Martin B. Miles

1960 and 1967  
Martin J. Miles



1961  
Betty Thompson

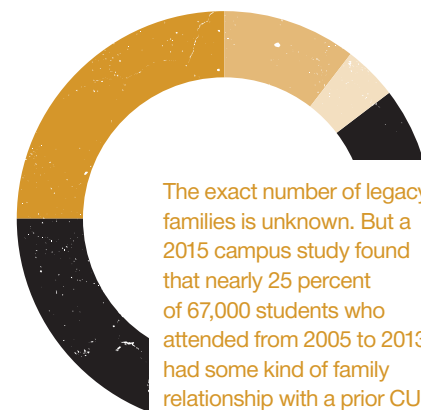
1964  
Patrick Miles

1978  
Barbara Miles

1993  
Martin W. Miles

2015  
Derek Miles

2019  
Elise Miles



The exact number of legacy families is unknown. But a 2015 campus study found that nearly 25 percent of 67,000 students who attended from 2005 to 2013 had some kind of family relationship with a prior CU student. Ten percent had more than one Buff relative and five percent had an alum grandparent.

# From Beer, a Better BATTERY?

THE BREWERS ARE HAPPY TO GIVE AWAY DIRTY WATER. THE PHDs ARE HAPPY TO TAKE IT.

By Trent Knoss

THE PLAN CAME TOGETHER — where else? — at the bar.

Last April, over pints at Backcountry Pizza in Boulder, **Tyler Huggins** (PhDCivEngr'16) and **Justin Whiteley** (PhDMechEngr'16) were honing their idea for “growing” a battery from beer — specifically, from the wastewater discharged by breweries. If successful, their invention would offer a new model for clean energy storage while reducing beer makers' costs.

The two engineers faced a crossroads. Their related work as CU Boulder doctoral students was promising, but with graduation near, the job market beckoning and research yet to do, they had to decide: Could they afford to go all in on building a better battery?

“There was a lot of soul searching,” said Whiteley, who'd been considering a job offer with an established battery start-up. “We realized we had to be OK with pursuing what's uncomfortable.”

Six months earlier, Huggins had cold-called Se-Hee Lee, an associate professor in CU's mechanical engineering department, to tell him about an



raw material, something biological and infinitely renewable.

Lee connected Huggins with Whiteley, one of his graduate students. The pair had complementary expertise — one knew biology, one knew electrical systems — and they shared an entrepreneurial sensibility. The first time they met, they talked for hours about the possibility of cultivating

high-quality electrodes the way one might cultivate tomatoes.

The idea wasn't outlandish. Other researchers had used biomass (fungus and timber) in experimental batteries. But

biomass is pricey, and no form of it had been shown to outperform the graphite used in a typical lithium-ion AA. That's why battery technology hadn't changed meaningfully since the 1970s.

“A novelty has no value until it outperforms the market,” said Huggins.

With help from Lee and Zhiyong Jason Ren, Huggins's advisor, they began tinkering with a type of fungus, *Neurospora crassa*, that could be grown in just 24 hours and chemically manipulated for optimal electrical conductivity. The mature fungus offered a ready-made substitute for a standard electrode.

The trick would be growing it in bulk.

Enter the brewers' wastewater.

A brewery uses seven barrels of water for every barrel of beer produced, and post-fermentation wastewater is rich in organic compounds that are difficult and expensive for brewers to filter. Municipal



Justin Whiteley



Tyler Huggins

water treatment represents a significant business expense. But wastewater just so happens to be a perfect spot for a voracious fungus to thrive. Huggins and Whiteley knew it.

So they called two of Colorado's leading craft brewers, Odell Brewing Co. and Avery Brewing Co., to ask for samples. The reply: “You want *what?*”

## THE IDEA WAS HARDLY OUT- LANDISH.

Once the disbelief wore off, the brewers were happy to provide all the free wastewater the engineers could handle.

“We're taking some cost and headache off the board for them,” said Whiteley.

From there, the battery-making process took shape: Seed the wastewater with spores, wait for the fungus to congeal into a jelly, then bake it at 1,472 degrees Fahrenheit.

The resulting charcoal-like substance is, in essence, a raw electrode compatible with existing battery designs. Better yet: the material performs just as well as graphite, and Huggins and Whiteley proved it.

By June, they'd secured a patent, turned down job offers and co-founded a company, Emergency Labs, to perfect their prototype.

They won't try to duke it out with Duracell in the consumer battery market. But if all goes well, they'll adapt the technology for business use, allowing companies to store, say, wind and solar energy more efficiently — while putting breweries' dirty water to work.

An eco-friendly win-win for beer lovers and energy consumers alike? Everyone can drink to that.

*Trent Knoss last wrote for the Coloradan about 3D printing.*

## SEED THE WATER. BAKE THE FUNGAL JELLY AT 1,472 DEGREES FAHRENHEIT.

idea for a new kind of electrode — the central component of any battery.

Most electrodes are made from carbon-based minerals, a finite resource. Huggins wanted to harness a better

# The CONVERTER

IF YOU'RE NOT AN ICE HOCKEY FAN ALREADY, HEIDI BROWNING OF THE NHL AIMS TO MAKE YOU ONE.

By Benjamin Gleisser

HEIDI BROWNING LIKES THE hand she's been dealt: A high-speed game with about 60 minutes of action per contest and an international audience of hard-core fans.

"The game sells itself," she said of pro ice hockey, "especially when you experience it live."

**Browning's** (Int'l Af'90) new bosses at the National Hockey League want ever more people to tune in to the live sport, of course — in the flesh, on television, on the Web, on their phones. As the NHL's new chief marketing officer, it's Browning's job to help make it happen.

"My mission at the League is to grow our fan base beyond the avids, to inspire casual sports fans to watch more hockey," she said.

Browning makes an apt ambassador to casual hockey fans: Growing up in Montana, she was one. She loved winter sports, especially skiing. But there wasn't much hockey in her life and no pro team nearby. Denver itself lacked an NHL team until 1995. So she tuned in for the Stanley Cup and the Olympics and that was about it.

Browning — who came to the NHL in October from the digital music service Pandora — knows that exposure matters.

"We're looking at interesting ways to bring the live game experience to more people, through access across connected devices, experiments with virtual reality and advancements in puck tracking," she said. "Social media is also critical to our growth. Fans want to get to know the players behind the masks."

This will involve encouraging individual players to interact directly with the public and advising them on how to do it. P.K. Subban of the NHL's Nashville Predators — an enthusiastic Tweeter with nearly a million followers — is an example other players could emulate, Browning said.

The plan might require a cultural shift in pro hockey, given a historical emphasis on teams over individuals. But the fact is, Browning said, today "people expect to have personal relationships with athletes."

A parallel digital initiative is "Future Goals," an online learning program that uses hockey as a way of teaching science, technology and math (STEM) skills to students in grades 4-7. The program links hockey to school subjects like geometry (plotting the path of the puck) and environmental science (the study of ice).

The 30-team NHL is also expanding chances for kids to play the game itself.

Each team sponsors a local "Learn to Play" program, providing equipment, lessons and ice time for youth hockey. Where there's limited access to rinks, teams facilitate street hockey.

The league also helps support 36 youth hockey organizations involving more than 100,000 kids annually across North America, with specific programs for players in inner cities and players with physical and developmental disabilities.

Browning, who lives in San Francisco and works both there and at NHL headquarters in New York, had planned to go to law school after CU. She had a job at the Kaplan Test Prep office on Pearl Street to pay for her own LSAT fees. One sunny afternoon, her life changed.

"Everyone was outside enjoying the nice weather except me," she said. "I decided to leave the office and hand out Kaplan brochures. I ended up generating more leads in one afternoon than everyone did in a month. I won the marketing award for creativity and ingenuity."

So she went into business instead of law, making a career in marketing, with notable roles at MySpace, Universal McCann and Pandora, where, as she's put it, she fostered "meaningful connections between bands, brands and fans."

In 2016, Browning impressed NHL executives at an industry networking event. Before the year was out they'd hired her.

"Digital marketing," she said, "is the future of marketing."

*Ben Gleisser lives in Ontario.*





# EARTHQUAKE

WHEN A MAJOR EARTHQUAKE STRIKES,  
CU ALUMNI SHIFT INTO HIGH GEAR.

**By Christie Sounart**



AT 10:46 P.M. ON March 11, 2011, an alarm pinged on geophysicist Dale Grant's work computer in Golden, Colo. An earthquake had struck Japan's northeast coast.

"I knew it was big right away," said **Grant** (Geol'79), a senior seismologist at the U.S. Geological Survey's National Earthquake Information Center (NEIC). "We needed to figure out when, where and how big. Quickly."

As the only 24/7 earthquake team of its kind in the U.S. — and one of the world's best equipped — Grant and the NEIC team are among the first to gather key details in a quake's immediate aftermath and relay it worldwide.

Grant assigned two colleagues to monitor the aftershocks, which could cause more shaking, damage and casualties. The remaining five personnel answered a surge of incoming media calls.

and the fourth most powerful worldwide. Within an hour, tsunami waves devastated the coast.

Ultimately it became clear that the Fukushima Daiichi Nuclear Power Plant was damaged and a nuclear meltdown was underway. Nearly 16,000 people died in the quake's aftermath, and the NEIC located nearly 2,400 aftershocks of magnitude 4.0 or greater in Japan in the following year.

"It was very intense," said geophysicist Carrieann Bedwell, a CU Denver grad who did most of her high-level geology studies at CU Boulder and was on duty at NEIC the night of the quake.

In the aftermath of catastrophic earthquakes, the NEIC, where geophysicist **Julie Dutton** (Geol'97) also is a member of the team, records every detail about the event, including specific

earthquakes, record all seismic activity. Scientists use their data in real-time and in subsequent analyses.

An earthquake can happen near the surface or as deep as 400 miles inside the planet. Its magnitude determines whether people will feel it or not. Bedwell once noticed a trace amount of movement in her Golden office from a magnitude 5.3 earthquake that occurred in Telluride, more than 300 miles away.

"I was so excited about that one," said Bedwell, a mother of two who works the night shift full time. "My earthquake notification was going off on my computer and all of the sudden, it said 'Colorado.'"

All U.S. earthquakes with a magnitude of 2.5 or greater are publicly announced by the team, as well as earthquakes abroad of 4.0 magnitude or greater. For bigger quakes — such as 2016's magni-

There is no way to predict an earthquake — nor, say Grant and Bilham, will there ever be, as it's impossible to predict when stress in fault regions will rupture.

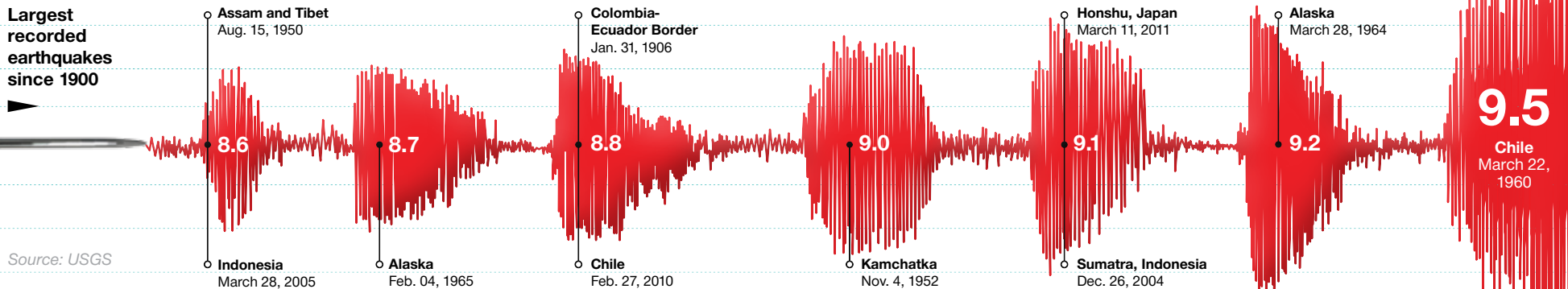
"In some rare cases, we have quakes in the middle of plates that should never have quakes but still do," said Grant. "These are still not well understood."

However, it's possible to evaluate where a damaging earthquake may be overdue based on past fault line activity, said Bilham, who studies historical earthquakes and earthquakes' effects on cities, especially in the Himalayas and India. Certain areas — such as Japan, Indonesia, China and Iran — are more prone because of their density of active faults.

"This is actually more important than prediction, because you can build better houses," he said.

For Grant and many others, the

Largest recorded earthquakes since 1900



Meanwhile, Japan reeled from six minutes of trembling.

Analyzing seismometer data, Grant worked to determine the depth of the quake — the closer to the surface, the greater the risk of damage. Based on its coastal location, off Honshu, tsunami risk was also high. The Japanese needed to prepare for more that might come.

Within 20 minutes, all the team's analyses were public: Everyone from the White House to scientists to the public throughout the world knew what the team knew.

With the quake's exact location and magnitude, the NEIC released information about its estimated impact, including potential casualties and economic loss for the area after the shaking, based on its existing structural environment and population numbers.

At magnitude 9.1, the earthquake — soon known as the Tohoku earthquake — was the largest ever recorded in Japan

location, damage, casualties, buildings destroyed, landslides and tsunamis.

"Nearly every seismologist in the world is linked to [their] system via text messages," said CU Boulder geological sciences professor and earthquake expert Roger Bilham. "For damaging earthquakes greater than magnitude 6.5 that have occurred near cities, it is often possible to assess damage remotely many days or weeks before local communities can do so."

Devastating earthquakes are rare, but earthquakes are not, keeping the team busy.

Worldwide there are on average about 1,000 earthquakes of notable magnitude (about 4.0) each month, according to USGS. An earthquake occurs when two of earth's tectonic plates suddenly slip by each other on a fault, a break in the earth's crust. Bound-up energy is then released in the form of seismic waves, which shake the ground as they move through it.

Seismometers, instruments set up worldwide to detect and document

tude 6.6 quake in population-dense Italy — the team has a direct call line to the White House Situation Room, the U.S. Departments of State and Interior and Federal Emergency Management Agency.

"They are expecting our phone call," said Grant, an adventurer who spent years traveling the world studying earthquakes beginning in the 1980s and has worked in the NEIC for nearly 16 years. "They want to know if we have any other information on damage or casualties."

When the team isn't compiling and releasing information real-time, they catalog smaller earthquake readings. Researchers and universities worldwide use their information for hazard maps, fault models and to infer what's happening inside the earth.

"For small earthquakes, it is important to know where they occurred, since sometimes small earthquakes offer clues about future trends, especially near volcanos," said CU's Bilham.

seismically active San Andreas fault on the West Coast remains a serious concern.

"We've had some big quakes in San Diego and the San Francisco area, but Los Angeles has been really quiet," he said, and a big earthquake in that area during our lifetime is a real possibility.

If it seems like earthquakes have been in the news a lot — Italy, New Zealand and Fiji have all had serious ones recently — it's not because they're happening more often, according to Grant. Mid-range magnitude quakes may be getting attention simply because there are more seismometers gathering data, he said.

"If you look back on the last 40 years, this is normal," said Grant.

But as long as we live on this planet, we'll be dealing with them.

"It's just the earth doing its thing," he said.

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

## ZOMBIES: A Success Story

FOR ACTOR ROSS MARQUAND, A CERTAIN ZOMBIE APOCALYPSE HAS BEEN A CAREER-MAKER.

By Kurt Anthony Krug

**ROSS MARQUAND** (THR'04) WAS about to give up on Hollywood.

"I was at the end of my rope," said the 35-year-old actor (top left), reflecting on the summer of 2014. "After about 10 years of living in L.A. and trying to make it work, it just dawned on me that it might not happen."

He'd appeared in independent and short films, had a role in *Mad Men*, playing Paul Newman in a 2013 episode, and done a lot of voice-over work. But a career-making role eluded him and he planned to try his luck in New York theater.

Then Marquand got a call about auditioning for a zombie apocalypse show, AMC's *The Walking Dead* — the highest-rated TV series in cable history. About a week later, on his birthday, he was cast.

"It's really changed my life," said Marquand, an Eagle Scout who grew up in Littleton, Colo., and also counts mountain climbing and firearms among his skills, some of which come in handy on the set of *The Walking Dead*.

The blockbuster show, based on a comic book series of the same name, is about regular humans trying to survive a zombie apocalypse. Marquand joined the cast in season five as Aaron, an openly gay former NGO worker in Africa who tries to recruit fellow survivors to a safe zone.

Now in its seventh season, with an eighth planned, the character-rich drama is conspicuously gory, a selling-point for hordes of viewers: More than 21 million tuned in for the current season's premiere.

So far, Marquand has appeared in more than 30 episodes. The resulting notoriety has expanded the audience for his spot-on impressions of some of Hollywood's most famous actors. After *Vanity Fair* magazine published a video called "Nano-impressions with Ross Marquand," in which Marquand impersonates Matthew McConaughey, Kevin Spacey, Al Pacino, Michael Caine and others doing everyday things, he found himself performing on "Jimmy Kimmel Live."

Kevin Spacey himself has singled out Marquand's impression of him as top-notch.

The impressions are funny, but *The Walking Dead* is primarily a drama — the sort in which heads are bashed, throats ripped out and entrails on display.

In the controversial seventh season opener, two beloved characters meet their end in a graphic scene at the hands of another (baseball-bat-wielding) human survivor named Negan, underscoring one of the show's themes — that in the post-apocalyptic zombie world, survivors can be bigger threats than zombies.

"I certainly understand people's feelings, and I think it's good that they have strong feelings," said Marquand. "It means we're doing our jobs — people are actually feeling connected to these characters, and when two of their favorites are killed off, it affects them. I think that's wonderful."

Of fans who found the scene too much to stomach, "we hope we can win them back as the season goes on," Marquand

said, "because I will say that this season is the strongest yet."

Outside *The Walking Dead*, Marquand has been sampling what else showbiz now has to offer. A fellow *Walking Dead* actor, Danai Gurira, cast him in her play, *Familiar*, for its 2015 world premier at the Yale Repertory Theater. He's provided the voice of Han Solo for the video game *Star Wars: Trials on Tatooine*. (He does a mean impersonation of Harrison Ford, who plays Han Solo in the movies.) Other projects are in the works.

Marquand is meanwhile settling into his new measure of fame, "a bit of a shock" at first, he said. "Now it's a part of my life and you just have to roll with it."

Overall, success has been a welcome door-opener.

"It's great to have to go from almost being \$40,000 in debt to being on this massive behemoth of a show and having opportunities sent to you," he said.

*Freelancer Kurt Anthony Krug is based in Michigan.*

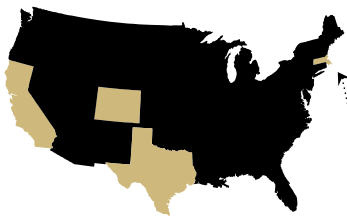
# INFOGRAPHIC HEEEEERRRE'S ALPHIE!

We all know and love Ralphie. But let's not forget about "Alphie" — Ralphie's cousin and the world's only known inflatable fur buffalo. An unmistakable presence at CU Boulder festivities (usually outdoors), the friendly giant recently made a trip to San Antonio for the Buffs' Alamo Bowl appearance. When he's off the clock, Alphie lives at the Koenig Alumni Center.

**2002** Alphie's Debut

**2016** Alphie 2's Debut

**Lafayette, Colo.**  
Alphie's birthplace  
(in the Boulder Blimp Company factory)



**Some of Alphie's travels:**  
California, Massachusetts, Texas, Winter Park Resort, Denver Zoo

**1,985.5**  
Miles to Foxborough, Mass., farthest known destination

**32**  
Number of Alphie appearances in 2016

## INFLATING PROCESS

**960**  
Pounds of weights securing him in place

**30** Minutes typical inflation time

**15** Minutes deflation time

**2** Electric blowers to inflate

**3** "Alphie handlers" inflate him

Only known furry, inflatable buffalo in the world.

After Alphie's first inflation, designers decided to flip his horns to make him seem more aggressive.

Alphie 2 has new eyes more like a live buffalo's.



Alphie 1

Alphie 2



## MAKING ALPHIE

**6**

Weeks, start to finish

**30**

Hours to design

**20**

Hours to cut the material

**180**

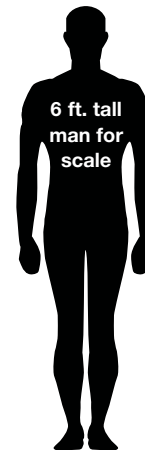
Hours for six sewers to stitch

**122**

Yards of fur fabric (interior is nylon)



Alphie's name-sake is Ralphie, CU Boulder's live buffalo mascot



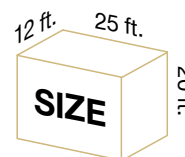
6 ft. tall man for scale

**213**

Pounds deflated, approx.

**584.458**

Cubic feet in volume



SIZE



## GRIT

FOR SOME STUDENTS, THE HARDEST PART OF COLLEGE IS GETTING THERE. ASK MEGAN MANGUM.

By Eric Gershon

THE FIRST NIGHT MEGAN Mangum was homeless, she slept in a park. It was a Wednesday in the middle of November in the mountain town of Idaho Springs, west of Denver. She was 15 and already working three jobs to help pay her way in the world.

Family life was tense, she said, sometimes worse.

“I thought the best thing for me to do was to be homeless,” she said.

In all, **Mangum** (IntPhys, MS'17), who's 5'2" with crystal blue eyes and bubbly by nature, lived without a home for more than three years. She slept in a skateboard park and down by Clear Creek, in an old train car and in a silver 1995 Chevy Lumina she bought before she had a driver's license. She found overnight babysitting jobs. She housesat. She couch surfed. On a few bone-chilling nights, she took shelter in dumpsters.

Some offers of refuge she refused because of the strings attached.

All the while Mangum was doing everything she could to get an education, balancing long hours of restaurant and lifeguard work with the demands of community college courses she'd been taking online, and paying for herself, since she was 14.

“Without school,” she said, “nothing was going to happen with my life.”

Now 26, Mangum is on track to graduate from CU Boulder with two degrees, a bachelor's and a master's, both in integrative physiology, plus a certificate in public health. She's preparing for the MCAT and contemplating a future of real possibilities that once were mere fantasies. Most scenarios combine medical training with public policy work — a job with the Centers for Disease Control, perhaps, or the World Health Organization.

Not so many years ago, when Mangum was doing homework in her car outside Starbucks at 2 a.m., because the car was home and the wireless was free, a life of promise was an urgent hope and a distant prospect.

“There is no rational explanation as to where she unearths inspiration to improve, drive and overcome,” said **Monica Hickox** (MechEngr, MS’15), a housemate

## EITHER WAY, THERE’S GONNA BE A ‘DR.’ NEXT TO MY NAME.

and close friend. “She is a fascinating study on the ‘nurture vs. nature’ front, because there was no nurture to instill the ‘fight like hell’ attitude.”

From her earliest days, Mangum liked learning. She was the kid who read dictionaries and encyclopedias straight through and started algebra in fourth grade. She read *Little Women* and *Nancy Drew* and, just because it was the longest book she’d ever seen, *Moby Dick*. She loved animals and imagined becoming a veterinarian.

No one in her family had been to college or aspired to it for her, she said. If college was the goal, getting there would be on her. The route was hazy, as it often is for first-generation students.

So Mangum eked out a living in small mountain towns while taking classes at Red Rocks Community College in Golden. Night school allowed her to work during the day, at restaurants and swimming pools. She paid tuition out of pocket, on a monthly plan. At work she got free meals and showers.

There were times when she had \$5 a week for food and times she spent it on gas instead. She drove to school in weather that should have kept her off the roads.

The first time she missed a class, she said, “I cried all night.”

At 18 Mangum took a tiny studio apartment in Idaho Springs. She called

it “The Cave.” There was no bed, no heat, no bathroom door and a raccoon in the wall. But it wasn’t the street or a car or a borrowed bed; it was hers.

In time, Mangum began taking classes at CU Denver, in nursing, in addition to community college classes. She got an internship at Swedish Medical Center, became certified as an EMT, then as a paramedic.

She and a friend took an apartment together, a better one. Mangum left school so she could do the internship, keep working and push toward a short-term goal: “Saving, saving, saving.”

She met a science-minded boy, began a relationship and resumed her march toward a four-year degree.

In 2013, with two associates degrees already in hand, she applied to CU Boulder, where her boyfriend was entering a doctoral program. She wasn’t sure how she’d pay for it. At 22 and estranged from her family, she still wasn’t old enough then to apply for federal financial aid on her own.

But she remembers thinking, “If I’m gonna do this, I’m gonna do this.”

Admitted in April 2013, she exulted: “I couldn’t stop smiling.”

She took out her first loan and started paying it back immediately.

That August she entered a CU Boulder classroom as a student for the first time. It was a 9 a.m. Spanish section. She’d been doing college-level work for most of nine



Megan Mangum dreamed of college. She’s leaving with two degrees.

years and never been to class in daylight.

The romance didn’t work out, a bitter disappointment. But CU Boulder proved a revelation.

She encountered refreshingly foreign worlds and people and disciplines. She befriended chemical engineers and MBAs, musicians and anthropologists and war veterans becoming scientists. She joined

## THE GOAL WAS COLLEGE; GETTING THERE WAS UP TO HER. THE ROUTE WAS HAZY AND OFTEN IS FOR FIRST- GENERATION STUDENTS.

a spring break service trip to Los Angeles, where she and other students volunteered in a soup kitchen and tutored kids on skid row. She found study-buddies and played intramural soccer and water polo.

“I had never been in a situation where my friends, who were also my peers, had this level of education,” she said. “When I was going to night classes, I just didn’t have time to make friends.”

Mangum has discovered strengths she didn’t know she had.

“I had a professor tell me, ‘People listen to you, people follow you and people want to work for you. Use that for good and don’t take that for granted.’”

Even amid better circumstances, she fears poverty. She likes to tell a story about the first time she heard from the CU Boulder bursar’s office. She didn’t open the email for days, terrified it was a bill she hadn’t anticipated and couldn’t afford. It turned out to be a scholarship, the first in a series. They eased her burdens and also gave her a sense of being wanted.

“Until getting here,” she said, “I was the only one rooting for me.”

In addition to being a full-time student, Mangum still works about 55 hours most weeks, at a Pearl Street Starbucks, where she’s a morning shift supervisor, and as a helicopter flight nurse with Denver Health. On average, she sleeps between four and five hours a night. Last semester she took epidemiology, immunology, public health and medical sociology. She’s seeking a translator’s certificate in Spanish to set herself up for international work.

Mangum has been invited to tell her story in public several times. She does it with a disarming mix of candor, humor and optimism. Rooms fall silent. Hearts melt. People rise to their feet and clap.

They approach afterward, business cards in hand.

“Those are things that wouldn’t have happened unless I came here,” she said.

Sometimes students come up to her, too: “I thought I was the only one who was a poor kid here,” they say.

Today Mangum lives in a house in South Boulder, the same one for nearly three years now, shared with five roommates, a mix of fellow students and young alumni. They study engineering, music, education. They talk ideas, football, the rent, the future.

When Mangum first moved in, Hickox recalled, “Cookies with ‘I can’t wait to meet you all after my schedule isn’t so nuts’ notes stuck on them would appear in the kitchen overnight.”

Mangum takes nothing for granted and is dismayed when others seem to.

A classroom clicker survey about Colorado’s minimum wage prompted her to speak up one day: Few classmates had any idea what it was.

“I raised my hand,” she said. “The minimum wage is \$8.31 in the state of Colorado. It hasn’t always been over eight dollars. It was stuck at \$7.78. And waiters and waitresses make this...” (It rose to \$9.30 on Jan. 1.)

Many of Mangum’s campus friends also have nontraditional backgrounds. Lots are military veterans. They’re comrades in duress and companions in delight. She and her pal Brandon, a Navy vet, attended every CU home football game last season. Her phone’s lock-screen is a picture of Chip.

Megan Mangum hasn’t mapped out her future in permanent marker. It’s a luxury of her improbable new life that she faces some good choices.

Like whether to apply to medical school, a doctoral program or both.

“Either way,” she said, “there’s gonna be a ‘Dr.’ next to my name.”

It’ll be a lot more work. But Mangum finds comfort in forward momentum.

“I’m almost afraid to stop,” she said.

*Eric Gershon edits the Coloradan.*



## Majors of YESTERYEAR

ACADEMIC SUBJECTS EVOLVE. SOME DISAPPEAR ENTIRELY. WHAT DECIDES THE FATE OF A COLLEGE MAJOR?

By Christie Sounart



ON JAN. 31, 1966, **Kathleen Wilson** (HomeEcon'66; MEdu'92) became the last person at CU Boulder to receive a degree in home economics.

She didn't reflect on the milestone much.

"I was just happy to get my degree," said Wilson, who lives in South Park, Colo., and worked in mental health services after raising three sons.

When she came to CU in the early 1960s, she was readjusting to life in the U.S. after spending most of her teenage years overseas as the daughter of a military officer. Home

economics was a natural major for her — she enjoyed sewing and was interested in fashion and entertaining.

"Women didn't have the career opportunities then that they have today," she said. "This was really preparing women to be accomplished hostesses in their home."

Wilson recalls learning how to cook, host a formal meal and design and construct clothing. She took chemistry and bacteriology in the Woodbury Arts and Sciences building. A time management course proved especially useful.

"I learned how to be more efficient and organized," she said, adding that she and her classmates also learned money management skills.

Still, it was clear that the home economics program was falling behind the times. All of her fellow students were women, as were the instructors. Once, Wilson learned about sanitizing dishes for a pre-dishwasher era that no longer existed.

Home ec was due for a drastic change.

"Fields of study and names of fields of study change over time, and our degrees need to change with them," said Patrick Tally, CU assistant dean for academic and curricular affairs. "For instance, back when we had a home economics degree, computer science did not exist as a field of study at any university."

After Wilson and her classmates graduated, the state eliminated their major at CU and transferred it to Colorado State University, which that year renamed its general home economics department the Department of Consumer Sciences and Housing. CSU eventually folded that

into what is now its College of Health and Human Sciences.

Home economics is hardly the only major to disappear. Physical education, medical technology, mathematical physics and Latin American studies are no longer offered as discrete CU Boulder majors, for example. Others have

morphed into new ones — anatomy and kinesiology, for instance, are now a part of integrative physiology, CU's most popular major. American studies, zoology and environmental conservation have also blended into

broader areas of study.

Besides campus- and Regents-level decisions, state requirements play a role in the lifecycle of majors. When enrollments fall too low, the Colorado Commission on Higher Education, which reviews all new campus majors at public universities, can discontinue them. Today there are 235 approved degree programs at CU Boulder.

Some CU Boulder majors moved to the CU medical campus when it was established. The nursing undergraduate degree moved to the Denver campus in 1924, and the pharmacy degree, offered as a bachelor's degree at Boulder until the emergence of the doctorate of pharmacy in the mid-1990s, is now at CU Anschutz. Wilson's son, **Bob Goverski** (BioChem'90; Pharm'94), was among the last in the undergraduate pharmacy program at CU Boulder.

Eliminating majors makes room for new ones. In fall 2016 CU Boulder offered an atmospheric and oceanic science bachelor's degree for the first time.

Kathleen Wilson has no regrets about home economics, which helped prepare her for the demands of raising three sons. Her later work in the mental health field also drew on aspects of the home economics program, she said, particularly the nurturing skills she was taught.

"I used that every day as a mother and a homemaker," she said. "When it was my turn to move on in my career, I used those same skills."

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

**WOMEN DIDN'T  
HAVE THE CAREER  
OPPORTUNITIES  
THEN THAT THEY  
HAVE TODAY.**

# Alumni

News SPRING 2017

## The Great Mind Meld of 2017

ON TAP AT THIS YEAR'S CONFERENCE ON WORLD AFFAIRS: NASA, THE GRAND CANYON, FOREIGN POLICY AND FOOTBALL'S "MOST DANGEROUS MAN"



LAST APRIL CU BOULDER served as a hub for deep discussion about ISIS, climate, the election and happiness.

Oh, and also of wine, self-driving cars and the apocalypse.

Smart conversation about the stimulating, complex world we live in is the hallmark of CU Boulder's annual Conference on World Affairs (CWA), scheduled this year for April 10-14. Dava Newman, NASA's deputy administrator, will serve as keynote speaker.

Other notable panelists include former NFL player Chris Borland, labeled "the most dangerous man in football" by ESPN for his outspoken concern about football-related brain injuries, and Ellie Shaffer, who oversaw more than 1,500

events in the White House as a presidential special assistant.

Kimbal Musk, owner of Colorado's The Kitchen restaurants (and brother of Space-X's Elon Musk), will participate, as will prominent CU Boulder alumni. **Vicki Huddleston** (A&S'64), a retired ambassador to Mali and Madagascar, **Chris Lehnertz** (EPOBio'85), superintendent of Grand Canyon National Park, and **Ty Tashiro** (Psych'96), author of *The Science of Happily Ever After*, all will serve on panels.

The full roster includes about 100 speakers and 200 sessions. In keeping with tradition, speakers will find their own way to Boulder and stay in local homes.

"This 69th year of the CWA will feature yet another week of impressive

and engaging free events," said CWA faculty director John Griffin. "Our all-volunteer program committee has been preparing an exciting schedule — addressing the central issues of our time with outstanding speakers from around the world."

The conference is free and open to all. Nearly half the panels and talks will be live-streamed at [colorado.edu/cwa](http://colorado.edu/cwa).

As the late film critic Roger Ebert said of the CWA, it's "one of the most remarkable events in America."

*The Koenig Alumni Center will host a free CWA brunch for CU Boulder alumni Tuesday, April 11. More information can be found at [colorado.edu/alumni](http://colorado.edu/alumni).*

Illustration by Curtis Parker

### HOPS AND OPERA

On March 30, craft beer and opera combine at Powder Keg Brewing in Niwot, Colo., where homebrewer-turned-pro **Phil Joyce** (MechEngr'09) is head brewer. The event will pair short solos by alumni opera singers with beer samples evoking the music's theme. An emotional aria, for instance, might be paired with a heavy stout. Opera singer **Megan Mahlberg** (Mus'08; MA'11), now alumni coordinator in CU's music college, will serve as event emcee. Register at [colorado.edu/alumni](http://colorado.edu/alumni).

The event is part of the Alumni Association's Forever Buffs Spotlight program, which highlights alumni achievements at work and in life. Past events have included planetary scientist **Alan Stern** (PhDAstro'89), extreme skier **Chris Anthony** (Kines'90) and chef **Hosea Rosenberg** (EngrPhys'97).



### ALUMNI ASSOCIATION TIDBITS

Forever Buffs have staked turf in rival territory: A Fort Collins alumni chapter formed with **Anselma Lopez** (Mktg'07) as leader. Other new chapters include Austin, led by **Taylor James** (Mgmt'13), **Adam Ruma** (Psych'09) and **Andrew Higgins** (Fin, Mgmt'14); Twin Cities, led by **Emily Smith** (Hist, Jour'07) and **Devon Gilchrist** (Comm'00); and Switzerland, led by **Rebecca Self** (MJour'95; PhDComm'99).



This spring the CU Black, American Indian and Latino Alumni Associations will hold special commencement ceremonies at the Koenig Alumni Center on campus.



You can volunteer for a public service project with other alumni in several U.S. cities at Buffs Give Back, May 20-21.



On June 1 **Tom Shepherd** (TransMgmt'78), director of logistics at Driscoll's in Watsonville, Calif., will become chair of the Alumni Association's Board of Advisors. He will succeed **Brian Cowan** (Mktg'79), who became chair in July 2015 and will remain on the board as past chair.

### CLASS '67

The Golden Anniversary Club, comprised of alumni who graduated 50 or more years ago, will convene in Boulder during Homecoming Weekend and induct the Class of 1967. **Svein Hasund** (MechEngr'67), **Nancy Rasmussen** (Engl'67) and **Jan Baulsir** (Fren'67; MA'71) are all serving on the planning committee.



More than 11,600 CU license plates are on the roads in Colorado. Each purchase supports student scholarships. Find more information at [Buffplates.com](http://Buffplates.com). CU license plates also are available in Texas and Maryland.

### 2017 TRIPS



#### GRAND DANUBE PASSAGE

Sept. 1-16, 2017



#### TANZANIA ADVENTURE

Sept. 9-23, 2017



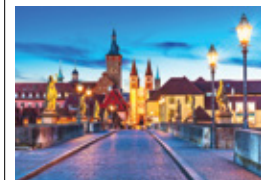
#### MEDITERRANEAN RADIANCE

Oct. 7-17, 2017



#### CUBAN DISCOVERY

Oct. 8-16, 2017



#### HOLIDAY MARKETS

Nov. 27-Dec. 5, 2017

For more information about the Roaming Buffs travel program, email [lisa.munro@colorado.edu](mailto:lisa.munro@colorado.edu), call 303-492-5640 or 800-492-7743 or visit [colorado.edu/alumni](http://colorado.edu/alumni).





#### ALL THE WORLD IN BOULDER

When I attended CU Boulder in the early 1960s, I remember only one classmate from outside the United States, a Saudi Arabian studying petroleum geology in the same department as me. The prevalence of students from around the world didn't change too much since I was in school. Until recently.

CU Boulder has always had international students, of course, but they were a small percentage of the student body. That is changing. In 2010, we collaborated with Colorado lawmakers and they passed legislation allowing us to boost the presence of international students. Previously, they were included in limits on non-resident students (no more than one-third of the student body can be non-resident), but they are now in a separate category.

In 2010, CU Boulder's international student enrollment was about 4 percent, the second-lowest among our national peers in the prestigious Association of American Universities. Today, it's nearly 10 percent; the legislation limits it at 12 percent. They come from around the world, with China and India providing the most. No qualified Coloradans are turned away because of international or non-resident students.

International students are important for several reasons. They add significantly to the learning environment. College is a place where students encounter people with different backgrounds and experience, from different places, offering different perspectives. People from around the world greatly enhance the diversity of our campus and the experience for all students.

The culture of the university is reflected in its students, faculty and staff, so embracing those from around the world is key to a strong culture. We are an international university, and international students, faculty, researchers and staff are essential.

International students are also an important revenue generator. They pay a higher tuition rate than non-residents do. Increasing their numbers while also maintaining or increasing current numbers of resident and non-resident students helps our bottom line. If we reach the legislatively mandated limit of 12 percent, it could mean some \$80 million in revenue.

When I was an undergraduate student, our world seemed like an awfully big place. The pace of globalization and technology's march have made it considerably smaller. We are part of that world and, increasingly, that world is part of us.

Illustration by Melinda Josie



## Master of Science in Organizational Leadership

### The Right Degree for a Better Career

Designed for working professionals, this fully online master's degree blends concepts from business, communication, and social sciences to develop the in-demand leadership skills for an increasingly complex work world.

- **100% online**
- **Degree completion in 1½ years** with 10 focused courses
- **A cohort model** provides strong networking with fellow students, faculty, and members of the business community
- **Customizable program** with concentrations in Strategic Leadership and Human Resources
- **Streamlined admissions process** with no GMAT or GRE required

[msol.colorado.edu](http://msol.colorado.edu) • 303.492.5148



Graduate School  
UNIVERSITY OF COLORADO BOULDER

**Be Boulder.**

# Sports

Ask about the  
Coloradan Gift Fund



News SPRING 2017

By Jennifer Osieczanek

## Rashaan Salaam: 1974-2016

“EVERY TIME I SAW HIM, HE ALWAYS SAID ‘I LOVE YOU.’”

HUNDREDS GATHERED IN BOULDER Dec. 9 to say goodbye to a CU football legend.

**Rashaan Salaam** (Soc ex'95), the 1994 Heisman Trophy winner, was laid to rest following his suicide days earlier. He was 42.

Salaam's CU coach, Bill McCartney, and many teammates, including **Chris Naeole** (Soc'96), **Matt Russell** (Comm'96) and **Michael Westbrook** (Comm ex'94), paid their respects to the former Buffs running back, who had been living in Superior, Colo. CU Chancellor Philip P. DiStefano and athletic director Rick George also were on hand to celebrate the life of one of the Buffs' all-time best players.

“I remember when we officially signed him, we had a lot of high-fives around the coaching staff offices because we knew this kid was really special,” McCartney said. “He projected to be a tremendous can't-miss player coming out of high school. He was big and strong, fast and tough. He was very gifted, very athletic and very competitive.”

Salaam was the run-away Heisman Trophy winner in 1994 after rushing for 2,055 yards — just the fourth college player to eclipse the 2,000-yard mark. In a landslide, he also won the Doak Walker Award, which recognizes the nation's top running back.

The Chicago Bears drafted Salaam in the first round and he won NFC Rookie of the Year honors in 1995 as he ran for 1,074 yards and 10 touchdowns. Hampered by knee and ankle injuries throughout his pro career, he was out of the NFL by 2000. Friends said he struggled with the sense that he'd failed to live up to expectations.

At the time of his death, Salaam was involved in charitable activities, but largely kept to himself.

If few sensed the depth of his troubles, many remember the way he made them feel.

Said teammate **Kordell Stewart** (Comm ex'95; BA'16) “Every time I saw him, he always said, ‘I love you.’”



Photo courtesy CU Athletics



Taylor Kornieck (22) was named Pac-12 Freshman of the Year.

### BUFFS BITS

The lacrosse team earned its first-ever national ranking in February after upsetting No. 9 Northwestern, 11-10 in overtime. CU entered the Top 20 poll at No. 11. ... Soccer midfielder **Taylor Kornieck** (Int-Phys'20) was named Pac-12 Freshman of the Year after scoring 11 goals in the fall. ... Freshman skier **David Ketterer** (Phys'20) represented his native Germany in a FIS World Cup slalom race in Kitzbühel, Austria, in January. ... Golfer **Sebastian Heisele** (Arch'11) earned a PGA European Tour card. ... **Jenny Coleman** (Mktg'14) earned conditional LPGA status for the 2017 season. She's the first Buff to do it. ... The Buffs hired DJ. Eliot as defensive coordinator following Jim Leavitt's departure for Oregon. Eliot, who will make \$700,000 a year as part of a three-year contract, is now the highest paid assistant coach in CU history. ... Men's basketball will play in St. Thomas Nov. 17-25 as part of the 2017 U.S. Virgin Islands Paradise Jam.

### BUFF BOSS FOR THE BRONCOS

The Denver Broncos hired Buff **Vance Joseph** (Mktg'94) to succeed Gary Kubiak as head coach.

Joseph was a quarterback for the Buffs from 1991 to 1994, competing against the likes of **Darian Hagan** (Soc ex'92; BA'01) in his first year and **Kordell Stewart** (Comm ex'95; BA'16) and **Koy Detmer** (Comm'97) after that, limiting his playing time.

Joseph went undrafted out of college, but the New York Jets signed him in 1995 to play defensive back and he played for the Colts in 1996.

Joseph began coaching as a graduate assistant at CU from 1999 to 2001. He climbed the coaching ladder and served as the Miami Dolphins' defensive coordinator in 2016. He is the Broncos' first black head coach.

In his introductory press conference in Denver, Joseph referenced his love for CU and Colorado.

“I'm a Buff,” he said. “Everyone knows that. So I spent most of my young life in Colorado. I welcome the chance to come back to this great community. It raised me, it's a great place to live, it's a great place to raise a family.”

Photo courtesy CU Athletics

### STATS

# 4

Times the ski team has won the national championship after starting the season 2-0. The team started 2-0 in January.

# ELEVEN

Coach of the Year awards for football's Mike MacIntyre in 2016.

# TWENTY

Times cross country coach Mark Wetmore has been named Mountain Region Coach of the Year.

# 22

Points scored by **Kennedy Leonard** (A&S'19) of women's basketball in the fourth quarter against Wyoming, a school record.

# 4/28-4/30

CU hosts the Pac-12 Men's Golf Championships at Boulder Country Club.

# \$3,000

Graduate scholarship earned by former CU skier **Clare Wise** (Chem-BioEngr'16), a recipient of one of two 2016 Pac-12 Leadership Awards.



### AS TOUGH AS THEY COME

Even in Boulder, **Laura Knoblach** (Span'16; Edu'17) stands out among endurance athletes. The CU Boulder senior, 22, competes in Anvil Triathlons — races two and three times the length of a full Ironman — while managing schoolwork, a bike shop job and certain memories she'd rather forget.

### The Boulder Ironman in 2015 was your first triathlon. You know they do sprint triathlons and half Ironmans, right?

Yeah, that was not a good idea. I had never done an open-water swim before with a bunch of people. It was terrifying. I think the swims on these longer (anvil) races are easier because you don't have to deal with 3,000 people getting in the water, all clamoring for a spot.

### How many people competed in the Double or Triple Anvil races you were in?

The Double was under 20 and the Triple was nine, I think.

### How many hours a week do you spend training?

It depends. For the double in March ['16]

I had a crazy class schedule. I was working and I was taking a full load of credits and, since I'm an Ed student, I had a practicum component where I was in a school for 10 hours a week. So I trained one day a week or two days a week. Every Saturday I would bike 150-200 miles and then I would go on a run afterward. I just made sure every Saturday I was out. I went out one time and it was 20 degrees, my water bottles froze and I had broken my arm that January, so I was biking with a broken arm. I had no idea how to train for something like this.

### What's the worst part of training?

It got lonely when I was training for the Double because I would do all these long bike rides alone. I would end up just calling people, I would have one earbud in and I would just call my friends. Thankfully in Colorado there's a higher population of ultra people, so for the Triple I ended up training with people almost the entire time. There was a group of us that did two or three all-nighter workouts together. It sounds terrible, but it was really fun because we brought a bunch of pizza and coffee

to 24-Hour Fitness and just hung out all night long riding on our bike trainers.

### Is there any point during an Anvil race that you sleep or take breaks?

You can rest all you want, but the clock is still running.

### What is the farthest distance you've run at one time?

In the Double I ran 46 of the 52.4 miles and that's the farthest that I've run before.

### What about biking?

Probably the 336 I did in the Triple.

### How do you stay mentally focused during a long race?

Stopping can't be an option. Quitting the race can't be an option. You can't let your mind go there, otherwise, once you go there, once you think, 'I could stop right now, I could be done with this,' you probably will.

### What were you thinking when you crossed the finish line in the Triple Anvil in Virginia?

I was honestly just glad it was over.

### What made you decide to raise money to fight sex trafficking through your racing?

I was molested for a little over 10 years growing up. When I came to college, I ended up getting involved with Empathy Week on campus, and there was a club on campus called CU Students Against Modern Day Slavery that worked with iEmpathize, a local nonprofit. I found out that a crazy number, a crazy percentage of girls who run away in the U.S. are trafficked. I think it's 1 in 7 within 48 hours. And it kind of hit home, 'that could have been me.' And then I found out that my hometown was a huge hub of sex trafficking and I was like, 'Oh, okay, so if my situation had been a little different, that literally could have been me, that could have been my life.' It makes you care.

### Is there anything you'd like to try, to push your limits?

I'd really like to do an ultramarathon, like a 100K or a 100-miler. Someday.

*Condensed and edited by Jennifer Osieczanek.*

**SECURE YOUR SEAT  
BY PUTTING DOWN YOUR  
SEASON TICKET DEPOSIT TODAY!**  
CU Buffs.com  303-49-BUFFS



**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.

**Have Questions? Ask Compliance! [comply@colorado.edu](mailto:comply@colorado.edu)**

 Alumni Association  
UNIVERSITY OF COLORADO BOULDER

**ForeverBuff**s

**Being a Buff Has Its Perks**

Whether you need a laptop, hotel room or bouquet of flowers, you'll love the exclusive discounts available to you.

Access your perks at home or on the go at:  
**[foreverbuffs.perkspot.com](http://foreverbuffs.perkspot.com)**

**Thousands of Discounts**



HOME TICKETS ELECTRONICS



AUTO GYMS RESTAURANTS



TOYS APPAREL & MUCH MORE

**THE FRONT RANGE  
CATERING CO.**

EXCEPTIONAL FOOD ▶ SUPERIOR SERVICE

*The caterer you will return to again and again*



*Whether your special event is formal or casual, our professional staff can create an experience you will not soon forget. Leave the details to us.*



[www.frontrangecatering.com](http://www.frontrangecatering.com) | 303-449-1981

# Notes

CLASS

60s & 70s SPRING 2017



Boulder receives an average of 89 inches of snow a year. The city received its latest-ever first snowfall on Nov. 17, 2016.

**'61 Steven Rendall** (Phil) writes that "retirement" in France has been going well — he's received three major translation prizes and is working on his 82nd book translation. After departing the University of Oregon in 1997, having taught French and comparative literature for 30 years, he moved to France with his wife and then 4-year-old

daughter. Steven has since pursued a second career as a French-to-German translator.

**'63 Paula Dáil** (Edu) published *Mother Nature's Daughters: 21st Century Women Farmers* in November. It tells the stories of eight women farmers changing the face of American agriculture in remarkable and enduring ways. Paula taught at both Virginia Tech and Iowa State universities. She and her husband, Bill

Ladewig, live in the lower Wisconsin River valley in southwest Wisconsin.

**'66 Donna Spencer** (A&S) served as an independent contractor with the School Board of Sarasota County as a parent liaison providing information and support to families of children with disabilities. She and a colleague wrote and published *Moms Move Mountains: Special Education Survival Skills for Parents*. She lives in Sarasota, Fla.

**'68 Robert Keller** (Soc) retired from Colorado State University-Pueblo as professor emeritus of sociology after 30 years of service at the graduate and undergraduate levels. Robert co-authored the textbook *Prison Crisis*. He also has taught at the University of Wisconsin and Southern Missouri State University. He and wife Sally have one son, Patrick, who recently completed a doctorate at the University of New Mexico. Robert and Sally live in a cabin in the Sangre de Cristo Mountains in Pueblo West, Colo.

**'69 Kurt Krueger** (DistSt) retired from teaching last June after 47 years and is fired up for the next phase of his life as an author. His new book series, *Winning Ways for Living*, reached the bestseller list on Amazon in its first month. Kurt writes that he and wife Teresa are proud of their eldest son, **Keith Krueger** (PolSci'17), now in his last year at CU. Keith was on the club swim team that won two national championships. (Kurt himself held three school records when CU had a varsity swim team.) He lives in Los Angeles.

**'74 Ron Stewart** (PolSci) retired from his position as director of Boulder County Parks and Open Space. He became director in 1999 and worked on projects including expanding

open space, hiring volunteers and creating trails.

**'75 Virginia Tech** math professor **Martin Day** (MMath; PhD'78) has been named professor emeritus by the Virginia Tech Board of Visitors. He has been at the university since 1980. Martin's students appreciated his patience and thorough instruction, the university noted, while his colleagues praised his insightful contributions to curriculum development.

**Jane Gianvito Mathews** (EnvDes) was awarded the William H. Deitrick Service Medal by the North Carolina chapter of the American Institute of Architects. The medal honors a member who exhibits extraordinary service to the community, profession and AIA North Carolina. Jane is president and principal of Mathews Architecture in Asheville, N.C.

**'76 Dan Eberhart** (Edu) has published *A Pact with the Living*. The opening scene takes place in CU Boulder's University Memorial Center on Dec. 1, 1969, a night when many American men

between the ages of 18 and 26 would have their destinies determined by the selective service lottery. Dan's first book, *Quadrangle*, also opens in Boulder. He writes that he lives happily with his wife, Karen, in Denver, where he watches his grandchildren and rides tandem bicycles for Eyecycle, an organization that pairs blind and sighted cyclists.

**'77 Brian Campbell** (IntlAf) was elected Mayor of Rancho Palos Verdes (RPV), a suburb of Los Angeles. He's served as an elected councilmember since 2009 and as vice mayor twice. Brian was an Army ROTC graduate and served overseas as an infantry officer after graduating from CU. He serves in the California State Military Reserve and is the executive officer of the Special Operations Support Detachment. Brian is also CEO of BC Urban LLC, a commercial real estate firm. He and his wife have two teenage sons.

**Gordon Trafton** (TransMgmt) was appointed to the board of the Canadian Pacif-

## WE WANT YOUR NEWS!



Write Christine Sounart, Koenig Alumni Center, Boulder, CO 80309, [classnotes@colorado.edu](mailto:classnotes@colorado.edu) or fax 303-492-6799.

READ THE OTHER DECADES OF CLASS NOTES ONLINE AT [COLORADO.EDU/COLORADAN](http://COLORADO.EDU/COLORADAN)



CU closed Jan. 5, 2017, when the campus received more than a foot of snow.

## GREGORY LYMAN (LAW'79), WHO COMPETED IN SPEED SKATING IN THE 1972 OLYMPICS, RETIRED FROM HIS COLO- RADO JUDGESHIP AFTER 20 YEARS.

ic Railway. He served as a special advisor to the Canadian National Railway leadership team until 2010 and has held several leadership positions with Illinois Central Railroad and Burlington Northern Railroad. At CU he is chairman of the Leeds School's Board of Alumni and Friends.

**'78** In November **William A. Baltz** (Hist) published a book, *Spiritual Nexus: Discovery in America's Heartland*. It's about

five spiritual centers with connected histories nestled in southwest Michigan on the outskirts of Three Rivers. The co-founder of one of the retreats, **Nancy Hector** (A&S'58), is also a Forever Buff, as is Nancy's sister, **Joan Hector** (A&S'52), an artist and teacher known for her stained slab glass installations.

**Kim Rothstein** (Advert) writes that she is happily retired from a successful career in food advertising and

marketing. She lives in Sebastopol, Calif.

In December Cardno, Inc., an infrastructure and environmental services company based in Australia, named **Ted Tomasi** (Econ; MA'79) vice president and director of national practices. He is based at the company's Newark, Del., office. Ted, who has more than 30 years' experience as a natural resource economist, also has worked as professor at the University of Michigan, University of Minnesota and Michigan State University.

**'79** Chief judge **Gregory Lyman** (Law) retired from Colorado's Sixth Judicial District Court in January. He was appointed in 1996. According to an article in the *Durango Herald*, his years as a professional speed skater — including competition in the 1972 Winter Olympics — taught him to dream big.

**Joe Garcia** (IntlBus), Colorado's former lieutenant governor, in February addressed a conference at CU Boulder about attracting more science-minded community college students to CU and, ultimately, to four-year colleges across America. Currently president of the Western Interstate Commission for Higher Education, Joe also has served as president of CSU-Pueblo and Pikes Peak Community College and as executive director of the Colorado Department of Higher Education. He was lieutenant governor from 2011 to 2016.

## PROFILE CRAIG GERBORE



### LIQUID GOLD

WHEN **CRAIG GERBORE** (BUS'75) was a CU student, he bought a beat-up, burnt orange pickup truck for \$80.

It was one of the best decisions of his life.

"I swear this truck did not have a square foot that didn't have a dent on it," he said. "But it was so reliable."

Ten months after graduation, Gerbore was approached by a former Williams Village neighbor, **George "Chip" Stark** (EPOBio'78; MD'83), who was part of a commune on a farm near Longmont, Colo. The commune was disbanding and needed someone with a truck to make deliveries and manage operations for its honey business, Madhava, a Sanskrit word they translated to mean "born of honey."

Gerbore, then 24 and game for the assignment, signed on to what became a three-decade entrepreneurship adventure at Madhava Natural Sweeteners. He oversaw the firm's expansion from tiny local honey producer to multi-million-dollar national enterprise.

At first, Gerbore lived alone on the farm and personally made weekly drop-offs to Boulder and Denver natural foods stores. He sourced honey from local beekeepers and stored it in jars from a Denver glass supplier.

"Craig was in charge of everything," said **James Walton** (MBasicSci'91), an early shareholder and advisor for Madhava. "He was there from dawn to dusk."

Soon, local King Soopers and Safeway stores began stocking Madhava honey

as the natural foods industry blossomed, especially in Colorado.

Consumers were drawn to the rawness of Madhava's honey, Gerbore said. Most honey brands were pressure filtered, resulting in a highly processed honey; Madhava's was strained to retain nutritious pollens. Gerbore offered three types, which varied in taste and appearance: light, the most popular and made from bees that pollinated clover; amber (alfalfa); and dark (wildflower). Each fall — the only time of year honey is extracted from hives — beekeepers delivered it in 55-gallon drums. Madhava melted, strained and packaged it.

By the early 2000s, demand soared for a new Madhava product: Agave nectar, a syrup that, like honey, is used as a flavorful sweetener. Madhava could apply techniques and equipment to producing agave that it used for making honey.

When Gerbore, 65, retired in 2010, the company had reached sales of around \$16 million, he said. Boulder's Greenmount Capital acquired Madhava the same year. Today, in addition to honey, it sells products ranging from pancake mix to coconut sugar.

For his part, Gerbore is now a partner and investor in Ziggi's Coffee, which is starting to sell drive-through coffee franchises. He also remains on Madhava's board of directors.

"It was a great ride for me for 34 years," he said of Madhava. "There wasn't a morning I didn't look forward to going to work."

By **Christie Sounart** (four'12)



Photos courtesy Craig Gerbore

# Notes CLASS

80s & 90s SPRING 2017



Thousands of Forever Buffs from all over the U.S. traveled to San Antonio, Texas, for the Alamo Bowl on Dec. 29, 2016.

**'80** After serving 15 years as chancellor, **Pamela Shockley-Zalabak** (PhDComm) retired from the University of Colorado Colorado Springs campus in February. She worked for UCCS for four decades and taught classes in the communication department while serving as chancellor.

**'83 Alan Willenbrock** (ChemEngr, Mktg) has been elected by his

peers to the board of directors of the Portfolio Management Institute. Alan was also selected to co-chair PMI's 2018 annual forum, which brings together about 200 of the most successful Morgan Stanley financial advisors for three days of continuing education sessions. Alan and wife Peggy live in Tucson, Ariz.

**'84 Adam Frank** (Phys), who fell in love with astronomy at age 5, is now a professor of astrophysics at the University of Rochester. He also co-founded National Public Radio's "13.7: Cosmos and

Culture" blog and occasionally contributes to the *New York Times*. He has written two books and a textbook.

**'87** Since 1996, **Rob Boyer** (Rec) has developed multiple chiropractic practices in North Carolina and recently joined The Joint Chiropractic in Durham, N.C. At CU, Rob competed on the ski and bike racing teams, which led to a residency at the Olympic Training Center in Colorado Springs. While there, Rob severely injured his hip and lower back and neither doctors

nor physical therapists could help. A chiropractor ultimately healed him. Rob and his wife, **Kimberly Boyer** (Hum), raised their three sons, Coleton, Jackson and Skye, in North Carolina.

In 2016 **Christine Castellano** (PolSci) was recognized by Ethisphere Institute, an organization that defines and measures corporate ethical standards, as one of the 2016 Attorneys Who Matter. Christine works as the senior vice president and chief compliance officer for Ingredion, a global food ingredients solutions company. Christine lives in Illinois.

**Jeffrey Kenney** (Hist) retired from the Marine Corps after 41 years. During his service, he held 13 ranks, was deployed multiple times and received several awards.

**'88** In December Chipotle Mexican Grill named founder **Steve Ells** (Art) its sole CEO. Steve had been co-CEO with Monty Moran, who is stepping down and will retire from the company in 2017. Steve will remain chairman of the board of directors.

The School Nurse Organization of Minnesota named **Eileen Kern** (Kines) 2016 School Nurse Administrator of the Year. She is the supervisor of health services for the Bloomington School District.

**'89** Last fall, the Insured Retirement Institute announced that **Robert DeChellis** (Fin), the pres-

ident and CEO of Allianz Life Financial Services, LLC, has been elected chairman of the IRI Board of Directors. Robert lives in Minnesota.

**Bill Winter** (Psych, PolSci), an attorney practicing in Edina, Minn., is the volunteer president of the Hopkins Youth Hockey Association, which helps kids reach their potential on and off the ice. Bill was quoted in a recent article about the group in *Minnesota Hockey Journal*. Bill played varsity ice hockey for CU from 1985 to 1989 and writes that he "loved every minute of it." His oldest daughter, Stephanie, will be a Buff journalism student in the fall. Bill lives in Minnetonka, Minn.

**'90** In January the American Classical League, an organization that aims to promote classical stud-

ent and CEO of Allianz Life Financial Services, LLC, has been elected chairman of the IRI Board of Directors. Robert lives in Minnesota.

ident and CEO of Allianz Life Financial Services, LLC, has been elected chairman of the IRI Board of Directors. Robert lives in Minnesota.

**'92** Last fall, **Phillip De Leon** (MEIEngr; PhD'95) was named associate dean of research and doctoral studies at the New Mexico State

ASTROPHYSICIST  
**ADAM FRANK**  
(PHYS'84) IS A CO-FOUNDER OF NPR'S "13.7: COSMOS AND CULTURE" BLOG.

ies to the general public, announced **Sherwin Little** (MClass) as its first executive director. Previously, Sherwin taught Latin and Greek for 30 years in the Indian Hill School district in Cincinnati, Ohio.

**'91 Sarah Dawson Rothenbuhler**

University College of Engineering. Phillip has been with NMSU since 1996 and was the first recipient of the John and Tome Nakayama Professorship in Engineering for Teaching Excellence. He has published 70 papers in international journals and has four U.S. patents.

READ THE OTHER DECADES OF CLASS NOTES ONLINE AT [COLORADO.EDU/COLORADAN](http://COLORADO.EDU/COLORADAN)

# WE WANT YOUR NEWS!



Write Christine Sounart, Koenig Alumni Center, Boulder, CO 80309, classnotes@colorado.edu or fax 303-492-6799.

**'93 Brad Montgomery-Anderson** (Eur, Fren) and the University of Oklahoma Press won the Bloomfield Book Award for 2017 for Brad's book *Cherokee Reference Grammar*. The book is the first major reference work on the Cherokee in more than 35 years.

**'94 Vance Joseph** (Mktg) was named the new head coach of the Denver Broncos. Vance most recently worked as the defensive coordinator for the Miami Dolphins. At CU, the Louisiana native played as backup quarterback and running back. Vance played in the NFL for the New York Jets and the Indianapolis Colts. He and wife Holly have a daughter, Nataly, and a son, Stone.

In 2016 **Jeremy Wallace** (Anth) gave a TED Talk titled "Transitioning to Happy" in which he discussed his transition from female to male. The talk complements his book *Taking the Scenic Route to Manhood*. Jeremy, a professional speaker, lives in Las Vegas, Nev.

**Kevin Witt** (EPOBio) is director of marketing for the education division of the publisher John Wiley and Sons. Previously he worked as editorial director for *Life Sciences*. He and his wife live in Austin, Texas, with their 17-year-old son and cat. Kevin writes that he misses the mountains and gets back to Boulder when he can.

**'95 Ted Kowalski** (Law) left the Colorado Water Conservation Board. He now works at the Walton Family Foundation, leading its Colorado River Initiative. Ted and wife Jessica live in Louisville, Colo.

The Sheraton Denver Downtown Hotel hired **Sean McNamara** (Mktg) as director of sales. Previously Sean worked at the Sheraton Kona Resort and Spa at Keauhou Bay in Hawaii for 6 years.

After 18 years at 9NEWS in Denver, **Cheryl Preheim** (Comm) anchored her last newscast for the station on Dec. 16. The Indiana native has interviewed countless newsmakers, including former President

Jimmy Carter and Nobel Peace Prize recipient Malala Yousafzai. Cheryl and her family now live in Atlanta, Ga., where she works as a morning anchor for WXIA.

**'98 Corbin Marr** (Hist) and **Ben Herrmann** (PolSci'06) have gone into business together in the wastewater infrastructure sector. Their firm has locations in California and in the East. Projects include an inspection of pipelines in Boulder using cameras, sonar and laser equipment. The firm is also developing and implementing technology to inspect, clean and rehabilitate failing infrastructure.

**'99 Jeremiah Baronberg** (IntlAf) was named senior director of marketing and communications at Blue Star Strategies, LLC, a strategic consulting and government relations firm. He will head the firm's external relations, publications and media portfolio. Jeremiah also serves on the American Jewish Committee, which focuses on global human rights and diplomacy. He lives in Washington, D.C.

**Sirena Rolfe** (Advert) developed the AnytimeHood, a waterproof attachable nylon hood for rain or snow protection. The hoods are available at AnytimeHood.com. Sirena, a Colorado native who lived in New York for three years, then came back, writes that she loved CU and credits the school for her entrepreneurial attitude.

## PROFILE BARBARA BENTREE

### SOUND AND PICTURES

**BARBARA BENTREE** (MUS'80) HAS collaborated with Mouseketeers, her husband and even her high school classmates.

Over the years a fellow CU Boulder College of Music graduate also kept popping up as a potential partner — and subject.

"Little things happened along the way that would bring Dave Grusin into my life," said Bentree, a filmmaker in Santa Fe, N.M.

Now she and husband, John Rangel, are producing a documentary about **Grusin** (Mus'56), the 10-time Grammy Award winner who in 1988 received an Academy Award for his score for *The Milagro Beanfield War*.

It's Bentree's third documentary film and the latest project in her third career.

After CU she went to Los Angeles to sing, performing in musical theater and an a capella jazz group. Then came a three-year stint as a music producer on *The Mickey Mouse Club*, during the era when Ryan Gosling, Justin Timberlake, Britney Spears, Christina Aguilera and other stars launched careers there.

These days Bentree brings her unique background and musical chops to telling stories on film.

"I think I have an advantage over some filmmakers because of my background in music," she said. "Storytelling, composition, variation, form and dynamics apply to all art forms, including film, and I learned about these elements through studying and performing music."

After making films about women's reproductive rights and the merits of attending high school reunions, Bentree's understanding of music has come into play in the Grusin project, for which

most of the principal photography has now been shot.

"Sometimes you see documentaries about musicians and know that a musician wasn't involved," she said. "I think part of why Dave trusted me with this story is because John and I are both musicians and we have the same focus."

The idea to tell Grusin's story emerged while Bentree and Rangel were on a road trip: "We were listening to Herbie Hancock's autobiography on tape. And we thought, 'If Herbie has a story about his life, then Dave should too.'"

In more than half a century in the music business, Grusin, 82, has scored more than 100 films and television programs, including *The Graduate*, *Tootsie*, *On Golden Pond* and *St. Elsewhere*.

"I don't know how he was able to produce that volume of work at that quality — using the technology the industry had at the time," Bentree said. "He was working on several TV shows, scoring films, doing live concerts and starting a record label... all at the same time!"

She added: "He was a part of that incredible evolution in music from pencil and paper to computers. Dave has a wealth of information and reflection to share about 'process' and the state of the industry."

The common thread in Bentree's own career has been a perpetual interest in learning, nourished early at the College of Music.

"My degree from CU has really been a blessing," she said. "In those lean years between incredible ups and downs, I could always get a job teaching music."

By *Jessie Bauters*



Barbara Bentree (MusEd'80) interviewed actor Michael Keaton for her upcoming documentary about Dave Grusin (Mus'56).



# Notes CLASS

00s & 10s SPRING 2017



Prior to the Alamo Bowl in December, a pep rally in San Antonio featured the CU Marching Band playing from a boat.

**'00** In December the *Boston Globe* reported on **Damon Corkin's** (BusAd, Span) love of Spanish and the tour company he founded. At age 26 Corkin booked a one-way flight to Ecuador, where he taught English and started Andean Discovery. The Massachusetts firm arranges tours in Ecuador, Colombia, the Galapagos Islands and Peru. Damon and wife

Angela live in Sudbury, Mass. with their daughters Olivia and Stella.

**'01 Adam Brammer** (Mgmt) is the new general manager of GKN Aerospace Aircraft Transparency Systems, a United Kingdom-based provider of military transparency systems. Adam and his family, wife Neena and two children, live in California.

**Samuel Shekanena** (Geog) runs an interpreting services company and is also involved in real estate. He lives in Grand Rapids, Mich.,

and travels to Africa and Europe every year to refresh himself. Samuel has six children — two living in Colorado, two in college in Michigan, a highschooler and a middle-schooler, both in Michigan.

**'03 Jessica Feinstein** (EPOBio) was named principal of law firm Jackson Lewis P.C.'s Omaha, Neb., office. She represents U.S. and multinational companies in employment-based immigration. Jessica speaks nationally on immigration matters and

has presented to the American Immigration Lawyers Association at its annual conference.

Last fall **Jennie Hornbeck Schmalz** (Psych) won the Milken Family Foundation's \$25,000 Milken Educator Award. Jennie received it during a surprise all-school assembly at Elkhart Elementary in Aurora, Colo., where she teaches third grade. Around Elkhart, Jennie is known for both her literacy teaching skills and for raising the school's teacher retention rate.

Last November **Ian Weintraub** (Comm) was named vice president of marketing for Limelight Media, a Los Angeles-based entertainment marketing firm. He heads the company's New York office. Ian has worked with A-list talent such as Sylvester Stallone and developed successful engagement programs for Samsung, TaylorMade-Adidas, Motorola and Lexus.

**'04** In January attorney **Aron Beezley** (PolSci) was made partner at Bradley Arant Boult Cummings LLP in Washington, D.C. Aron focuses his practice on government contracts and construction law.

**Alexander J.A. Garcia** (Acct, PolSci) has been named partner in law firm Perkins Coie's trademark, copyright, media and brand protection practice. He helps clients in the selection, clearance and maintenance of trademarks in the United States as well as abroad. Alex and wife Jennifer live in Denver with their two children.

**'05** In December 2016 **David A. Brown** (PhDIntPhys) was named associate professor of human nutrition, foods and exercise in the Virginia Tech College of Agriculture and Life Sciences. He directs a laboratory that combines cardiac physiology and mitochondrial biology. David and wife Trisha live in Blacksburg, Va., with their two children.

Former CU football player **Jeremy Bloom** (A&S ex'06) will be inducted into the Colorado Sports Hall of Fame in 2017. After high school Jeremy accepted a scholarship to CU, then delayed his enrollment to prepare for the 2002 Salt Lake City Winter Olympics. He is the only Olympic skier ever to be drafted by the NFL.

In November **Joseph A. Campbell** (Psych) joined Plunkett Cooney, one of the Midwest's oldest and largest law firms, as a member of its medical liability practice group. Before becoming a lawyer, Joe worked as a clinical case manager at the Mental Health Center of Denver. He lives in Michigan.

After teaching for more than 10 years at

Colorado State University, **Lori Peek** (PhDSoc) has returned to CU as a professor in the sociology department. She is also the director of CU's Natural Hazards Center. Lori has done investigative research in the wake of many notable disasters, including the 9/11 terrorist attacks, Hurricane Katrina, the BP oil spill and Superstorm Sandy. The Kansas native married her husband, Povilas, in November 2015.

**'06 Ben Herrmann** (PolSci) and **Corbin Marr** (Hist'98) have gone into business together in the wastewater infrastructure sector. Their firm has locations in California and on the East Coast. Projects include an inspection of underground pipelines in Boulder using cameras, sonar and laser equipment. The firm is also developing and implementing technology for inspecting and rehabilitating failing infrastructure.

**'07 Ryan Connolly** (PolSci) has made a living as the owner of Grassroots California, which sells hats with Jerry Garcia's artwork, Jimi Hendrix's

READ THE OTHER  
DECADES OF CLASS  
NOTES ONLINE AT  
[COLORADO.EDU/COLORADAN](http://COLORADO.EDU/COLORADAN)

## WE WANT YOUR NEWS!



Write Christine Sounart,  
Koenig Alumni Center,  
Boulder, CO 80309,  
[classnotes@colorado.edu](mailto:classnotes@colorado.edu)  
or fax 303-492-6799.

## LORI PEEK (PHDSOC'05) HAS RETURNED TO CU BOULDER AS A SOCIOLOGY PROFESSOR AND DIRECTOR OF THE NATURAL HAZARDS CENTER.

face and Monarch, the California grizzly bear, depicted on the state's flag. Ryan sells most of his hats online, but also through a store in Chicago and Denver, a pop up store in Barcelona, Spain, and a warehouse in Stapleton, Colo. Ryan has 23 employees. He founded the company on the Venice Beach boardwalk.

Northwestern Mutual honored Los Angeles wealth management advisor **Brandon Matloff** (Fin) with membership in the company's 2016 Forum Group for helping clients plan for and achieve financial security. This is the fifth time that he's received the honor, which recognizes young company leaders who have eclipsed certain milestones. Brandon and wife Sarah live in California.

'08 After moving to Argentina on a whim in 2010, **David Burg** (Hum) stumbled into his dream career. While looking for a season ski pass in the Catedral Alta Patagonia region, he ended up with a job for South America Snow Sessions, an adventure travel business. Today he is director of finance for SASS and serves as general manager for its backcountry program in Argentina. David splits

his time between SASS' global headquarters in Rincon, Puerto Rico, and his home base in Steamboat Springs, Colo.

'10 **Christie Petrosino** (Engl) married **Roman Payan** (Advert'11) on Oct. 22, 2016, at the Boulder Country Club. The couple met at Cosmos Pizza on The Hill in Boulder during their undergraduate years at CU. Many fellow Buffs attended the wedding. Christie and Roman live in Los Angeles and both work in advertising.

'11 Last August **Brett Miller** (AeroEngr) and Megan Foster married at the Omni golf resort in Broomfield, Colo. Brett designs military jets for Boeing-Phantom Works. The couple lives in St. Louis, Mo.

**Chelsea Thomas** (Psych) has worked for Colorado credit unions since graduation. She handles everything from graphic design to switching online banking systems.

'13 **Brian Ash** (Econ) has lived in Kenya for the past three years. In 2013 he co-founded the organization Arrive. The nonprofit organization aids vulnerable children around the world by providing shelter, promoting

good health and offering access to education. Brian, a Connecticut native, has raised thousands of dollars for Arrive through fundraisers with his CU fraternity, Sigma Alpha Epsilon. **Edward Hill** (Hist) is the founder of Fisher Guiding, an online platform for finding and booking fishing guides. At CU Edward was vice president of the club fly-fishing team.

In January, **Susan Whitehead** (PhDEPOBio) joined the department of biological sciences in Virginia Tech's College of Science as an assistant professor. Susan focuses her research on ecology and the evolution of interactions between plants and other organisms. Previously, she worked as a postdoctoral research associate at Cornell University.

'14 Mallinda, a Denver startup co-founded by **Chris Kaffer** (MBA) and **Philip Taynton** (PhDChem'15), was awarded a \$750,000 grant by the National Science Foundation's Small Business Innovation Research program. Mallinda produces reusable carbon fiber composite, which Chris believes can help cut a car's weight and improve its fuel efficiency.

## PROFILE ABIGAIL WATROUS

### SHIPPING OUT

IN THE WEST AFRICAN port of Cotonou, Benin, **Abigail Watrous** (PhD CivEngr'12) wakes up in a bunk bed, rocking ever so slightly to the movement of the unusual ship she calls home.

"When I first started university, I had this vague idea of becoming an engineer and helping people," she said last fall from aboard the Africa Mercy, the world's largest private hospital ship. "The question that kept bugging me was, 'How do people develop their own skills and grow out of poverty?'"

Watrous had been thinking about this since her undergraduate days at Rice University, when she participated in a group trip to Mali led by CU Boulder engineering professor Bernard Amadei, co-founder of the Engineers Without Borders-International network. In the ensuing years Watrous earned a PhD from CU, did a Fulbright in China and worked on Capitol Hill and at the U.S. Department of Energy.

"I learned so much about policy," she said, "but was dying for boots on the ground."

Last spring Watrous applied to Mercy Ships, an international faith-based organization focused on healthcare in Africa. Accepted for a 10-month tour of duty, the Washington, D.C., resident moved her belongings into storage, stockpiled malaria medication, scheduled vaccinations and packed two-weeks' worth of clothes that would need to last a year.

As a member of the medical capacity building team — her first degree is in biomedical engineering — Watrous helps manage logistics for Mercy Ships' continuing education classes in medicine. These short courses give local midwives, nurses, doctors and surgeons a chance to enhance their skills in topics such as pain management, anesthesia, primary trauma care, and surgery.

She spends much of her time in an office 30 steps from her cabin, managing courses. On the occasional day when she finds herself exasperated by Excel, she visits the hospital down the hall. Spending time with

patients quickly provides fresh motivation for fiddling with spreadsheets.

Outside, container ships move in and out of the port; tents for patient admission, screening and rehab dot the wharf.

Watrous gets around Cotonou by motorcycle taxi, but plans to get her driver's license so she can help transport students and instructors for the courses she organizes.

Evenings might bring contra dancing, movies, card games or knitting and chatting with friends. Watrous volunteers at the ship's Starbucks on Sunday mornings and has added cappuccino-making to her skillset.

Unexpected joys include the sunsets and the fellowship of the other volunteers, an international gang of 400 in all from around the world — each paying to serve on the ship. (Watrous' monthly crew fees are \$630.)

Many aspects of the Mercy Ship experience remind Watrous of Americans' relative good fortune.

"We tend to forget, 'I'm actually a very, very rich person,'" she said, noting that she has an iPhone, academic degrees and a bank account. "I'm the minority in the world, walking down the street with a little cash in my pocket. I'm healthy and educated. I feel like those are all blessings."

*By Melanie D.G. Kaplan*



## In Memoriam

Charles A. Goddard (Bus'37)  
 Joseph F. Vollmer (CivEngr'39)  
 Evelyn Hotchkiss Moss (A&S'40)  
 George A. Works Jr. (ChemEngr'40)  
 Helen Schlichting Converse  
 (Chem'41)  
 Beatrice Nilsson O'Day  
 (HomeEcon'41)  
 Margaret McClanahan Ryan  
 (A&S'41)  
 Donavon H. Garehime (Chem ex'42)  
 Ruth Englund Jones (A&S ex'42)  
 Genevieve Yoder Richardson  
 (A&S'42)  
 Julia Fonda Demmer (Engl'44)  
 Kenneth B. Green (MechEngr'44)  
 Herbert E. Johnson III (AeroEngr'44)  
 Charlotte Willis Totten (Mus'44)  
 Corrine Brown Ahlberg (A&S'45)  
 Rolland A. Gray (Acct'45)  
 Howard A. House (EIEngr'45)  
 Kathryn Defler Lavrich (A&S'45)  
 Elizabeth Teller Smith (DistSt'45)  
 John H. Wilson Jr. (ChemEngr'45)  
 Joan Olds Looper (MusEdu'46)  
 James B. Moorman Jr. (CivEngr'46)  
 Jay C. Neilson (A&S'46)  
 Gretchen Dukes Boyd (Fin'47)  
 Mary Brown Burger (DistSt'47)  
 Barbara Schmidt Donahue (A&S'47)  
 William R. Franklin Jr. (Jour'47)  
 Gene Norgren Koelbel (Mktg'47)  
 August A. Peters (MechEngr'47)  
 Diane Stone Powloski (Art'47)  
 Anne Hylan Riley (Ger'47)  
 Francis R. Royal (A&S ex'47)  
 James W. Van Arsdale (Mktg'48)  
 LaVerne Long Ferguson  
 (BusEdu'48)  
 Susan Welker Jenkins (Span'48)  
 James H. Shaner (Mktg'48)  
 Marilyn Helwig Zeigler (Btrny'48)  
 John G. Auger (PolSci'49;  
 PhD'49)  
 Frank T. Borrego Jr. (DistSt'49)  
 Dorothy Weston Bradford  
 (MusEdu'49)  
 Robert L. Bruns (Acct'49)  
 Peggy Reed Foster (Law'49)  
 Orville O. Gilmore (A&S'49)  
 Jean Race Johnson (MedTech'49)  
 Robert G. Murray (ChemEngr'49)  
 Carol Warder Nagel (Mus'49)  
 Irvin D. Nightingale (A&S ex'49)  
 Elwin M. Peacock (Geol'49)  
 Marvin Solomon (A&S'49)  
 Doris M. Sutherland (A&S'49)  
 J. Mark Taggart (Fin'49)  
 Betty Jones Tatem (Art'49)  
 Lois M. Brightenburg (Nurs'50;  
 MS'65)  
 Darline Mueller Brown (A&S ex'50)

Donna Mae Schmittle Jenkins  
 (MusEdu'50)  
 Allen F. Melville (EIEngr'50)  
 David L. Messinger (CivEngr'50)  
 Kenneth F. Thompson (EIEngr'50)  
 Hugh H. Arnold (Law'51)  
 Mark Chilton (CivEngr'51)  
 George G. Christiansen (A&S'51)  
 John T. Duane (Pharm'51)  
 Grant W. Garlinghouse (MusEdu'51;  
 MA'65)  
 Bertram J. Rothman (Pharm'51)  
 Violet Murray Schlesinger (Edu'51)  
 William T. Smith (MechEngr'51)  
 Roy R. Annis (ArchEngr'52)  
 Dixie Smith Hutchinson (A&S'52)  
 Howard E. Netz (Pharm'52; MD'63)  
 William C. Ramsay (A&S'52)  
 Ronald G. Schelling (Acct'52)  
 Mary McLwain Dodson (DistSt'53)  
 Naomi Kennedy (Nurs'53)  
 Martha Appleton Madden (A&S'53)  
 Virginia Lightburn Williamson  
 (Edu'53)  
 Donna Poling Work (A&S'53)  
 Joan C. Brooks (A&S ex'54)  
 Claire Leraan Brown (Psych'54)  
 Robert L. Byrne (CivEngr'54)  
 Paromita Chowla (Math'54; MA'57;  
 PhD'61)  
 Helen Schechter Dansky  
 (A&S ex'54)  
 Wayne A. Muth (MechEngr'54)  
 Roberta Pater (MedTech ex'54)  
 David D. Blanchard (MechEngr,  
 Mgmt'55)  
 Beverly Campbell Bocaner (A&S'55;  
 MA'61)  
 William A. Einert (MA&S'55; MS'61)  
 Sally J. Jones (A&S'55)  
 Nancy Jo Ash Lake (A&S'55)  
 Betty Greene Maddox (Mktg'55)  
 F. Wayne Scott (MMus'55)  
 Robert M. Bradbury (Math'56)  
 James M. Bratton (Mus'56; MA'57)  
 Charles E. Breed (MGeol'56)  
 Ann Smith Canady (Phil'56)  
 Frank K. Ellis (CivEngr'56)  
 Elizabeth Gearheart Ford (Jour'56)  
 Dorothy Kaproth Hendricks  
 (HomeEcon'56)  
 Audrey Peters Jones (A&S'56)  
 Thomas W. Lueb (A&S ex'56)  
 Neal W. Olsen (MusEdu'56; MA'59)  
 Robert H. Throm (A&S'56)  
 Claire M. Walsh (Nurs'56)  
 Perry R. Williams (Mgmt'56)  
 Jane Beakey Wingfield (Art'56)  
 Dale L. Beezley (EIEngr'57)  
 Judith Kirby Gustaveson (A&S'57)  
 Francis E. Halstead (MEdu'57)  
 Peter R. Heid (EIEngr'57)

Philip H. Karsh (Jour'57)  
 Harold W. Kesler (MechEngr'57)  
 Arlene Duck Kimmitt (Edu'57)  
 Jackson S. Pecaut (Econ'57)  
 Vandra Rosendahl Prey (A&S'57)  
 Gerald E. Sherwood (ArchEngr'57)  
 Raymond W. Williams (A&S'57)  
 Martha Tootle Cain (MA&S'58)  
 William D. Crooks Jr. (EIEngr'58)  
 Claus J. Hume (Engl'58; Law'65)  
 Richard W. Lynch (MMusEdu'58)  
 Jay J. Scheldorf (PhDChemEngr'58)  
 James G. Wolfe (MPhys'58)  
 Bart M. Green (A&S'59)  
 Virgil J. Headrick (Geol'59)  
 Valice S. Laramee (MMusEdu'59)  
 Richard A. McLaughlin (EIEngr'59)  
 Dona Atwell Ammons (MusEdu'60)  
 Stephen W. Banks (EIEngr,  
 Mgmt'60)  
 Charles H. Keutman (Mgmt, MS'60)  
 Donald E. Kinney (EIEngr'60)  
 Kirk A. McCarty (AeroEngr'60)  
 Frank M. Milliken (EIEngr'60)  
 Thomas G. Pappas (Pharm'60)  
 Richard G. Sherman (Geol'60)  
 John S. Shultz (PE'60)  
 Edward R. Smith (CivEngr'60)  
 Freddie J. Waitman (A&S ex'60)  
 Rolland J. Beard (Pharm'61)  
 Gilbert L. Butler (CivEngr'61)  
 Kenneth Butz (Bus'61)  
 Lyman F. Joels Jr. (EIEngr'61)  
 Eloise Timmons (MHist'61;  
 PhD'61)  
 Arnold C. Wegher (Law'61)  
 Brian G. Gilmartin (Psych'62)  
 Robert G. Ingram (Bus'62)  
 Ingrid Stahlbrand Kassler (Hum'62;  
 MA'65)  
 Richard C. Kun (A&S'62)  
 Trudi Pafford (A&S'62; MA'66)  
 Eugenia Watts Perkins (A&S'62)  
 Allan S. Rosenbaum (Acct'62)  
 Jan M. Walczak (MCivEngr'62)  
 William C. Wise (PolSci'62; Law'65)  
 Van K. Hainline (A&S'63)  
 Lynne Blume Haling (Bio'63)  
 Raymond H. Helfer (Arch, Fin'63)  
 William R. Humphrey (Law'63)  
 James J. Kirk (MechEngr, Mgmt'63;  
 MEngr'65)  
 Walter W. Maurice (A&S'63)  
 Robert W. Bell Jr. (PE'64)

*To report a death, call 303-541-1290 or 800-405-9488, email [processing@cufund.org](mailto:processing@cufund.org) or write Processing, 10901 W 120th Avenue, Broomfield, CO 80021. Please include date of death and other relevant information.*



George R. Cattermole (A&S'64)  
 Michael T. Nelligan (Acct'64)  
 Theodore E. Hepp (MechEngr'65)  
 Kenneth Lyle Keene Jr. (A&S'65)  
 Calvin N. Lundquist (A&S'65)  
 Horace R. Simms (PhDA&S'65)  
 Mathew Zachariah (PhDEdu'65)  
 Judy Raeder Klostermann (A&S'66)  
 Susan P. Kubie (A&S'66)  
 Surendar S. Lamba (PhDPharm'66)  
 Kathleen Leonard Slayter (A&S'66)  
 David S. Tomeo (Fin'66)  
 James J. Keller (Acct'67)  
 Curtis W. Kitchen (A&S'67;  
 MLing'76; PhDComm'86)  
 Radean W. Miskimins (PhDA&S'67)  
 William J. Hafner (PhysTher'68)  
 Eleanor Wingo Breggin (Engl'69)  
 Dennis L. Graves (A&S'69)  
 Vernon J. Legvold (CivEngr'69)  
 Leroy M. Reams (Edu'69; MA'72;  
 MA'78)  
 Gary L. Rogacki (A&S ex'69)  
 Daniel T. Grassman (Jour'70)  
 Anne M. Popovich (Edu'70)  
 Steven W. Ash (Mgmt'71)  
 William H. Bartlett (MPerserv'71)  
 Paula J. Benson (PhDPhil'71)  
 Jesse M. Guidry (Soc'71)  
 Robert Martinez (MSoc'71)  
 Robert L. Gresham (PhDEdu'72)  
 J. W. Kilpatrick Jr. (PhDBus'72)  
 Robert J. Campbell (Engl'73)  
 Douglass C. Cogswell (Mktg'73)  
 Charles W. Halley (Geog'73)  
 Beth Williams Kramer (EPOBio'74;  
 MEdu'91)  
 Carl E. Lopatin (IntlBus'74)  
 Joseph J. Morris (Mktg'74)  
 Richard L. Carzoli (MTeleCom'75)

John R. Cordsen (Fin'75)  
 Sean C. Doyle (Mktg'75)  
 Gregory K. Horton (Hist'76)  
 Douglas L. Miller (PhDPolSci'76)  
 Shelley Goldberg Mulvaney  
 (Soc'76)  
 Raymond R. Pryor (Phil'76)  
 Richard M. Rapp (Bus'76)  
 Charles L. Griffith Jr. (Mktg'77)  
 Russell S. Orten (Hist'77; MAcct'81)  
 Ruben Perez (Psych'77)  
 L. Gillis Reames Jr. (Fin'79)  
 Beverly J. Todd (Edu'79)  
 David B. Burman (Fin'80)  
 John B. Carter (Fin'80)  
 Rick S. Garvue (Ger'80)  
 Philip W. Kettelson (PE'80)  
 Rex E. Kleinsasser (EnvDes'80)  
 Dominic V. Marrese (Psych'80)  
 Mary A. C. Patterson  
 (PhDCommDisor'80)  
 Jack M. Sargent (ArchEngr,  
 InfSys'80)  
 Kate Schwarz Selby (MPubAd'80)  
 Barbara Chatfield (MCDDBio'81)  
 Ralph A. Duncan (PhDEdu'81)  
 Shelley Stepanik Eater (Advert'81)  
 Virginia A. Shaw-Taylor (PhDEdu'81)  
 Howard F. Claydon (Phil'82)  
 Linda Gartner (PolSci'83)  
 Leslie F. Hecker (IntlAf'83)  
 Ursula M. Mandel (Engl'81; MA'83;  
 PhD'87)  
 James L. Paz (PolSci'83)  
 Mary Crooks Seebart (MEdu'83)  
 Charles M. Bellinger (Jour'84)  
 James E. Kroeter (PolSci'84)  
 Sydney L. Murray (PolSci'84)  
 Melinda J. Davison (Law'86)  
 Christine L. Schaecher (Bus'86)

Scott T. Farrar (Fin'87)  
 Linda J. Litchford (A&S ex'87)  
 Jim M. Stodghill (PolSci'88)  
 Frederick B. Herman III (Econ'89)  
 Philip T. Perly (Econ'95)  
 Rashaan I. Salaam (Soc ex'95)  
 Trevor A. Tice (IntlAf'96)  
 Shannon Trompeter (PhDMus'96)  
 Godiva A. Liu (MBA, MTeleCom'98)  
 Kristin Hone Brown (Math'00;  
 MS'06)  
 Zachary B. Collins (ArchEngr'02)  
 Steven J. Penner (Law'02)  
 Lloyd H. Wilson (EnvSt'02)  
 Christopher M. Veeneman (Phys'03)  
 Timothy J. Markoya (Fin'06)  
 Kathryn A. Schemering (EnvSt'07)  
 Karina L. Pulec (IntlAf'09)  
 Eric M. Beamish (Hist'12; Law'16)  
 Nathan M. Duran (Jour'13)  
 Jared Joyner (A&S ex'14)  
 Zachary J. Mogan (Jour'15)  
 Alexa Wach (Phil'16)  
 Cagney C. Wenk (Phys ex'16)  
 Michael P. Howley (EIEngr ex'17)  
 Trevor J. McConnell (Advert ex'17)  
 Pearce M. Spencer (Chem ex'17)  
 Jonathan Mitchell (PolSci ex'18)  
 Grant N. Fair (Econ ex'20)

## Faculty, Staff and Friends

Gloria J. Allen, Friend  
 Betty J. Bingham, Friend  
 Carl Johnk, Electrical Engineering  
 Professor  
 Erle Kauffman, Geological Sciences  
 Professor and Chair  
 Judy N. Rockafellow, Friend

# Letters

SPRING 2017



## CLIMATE AND THE GRAND CANYON

The winter issue of the *Coloradan* was one of the best ever, especially the tribute to ex-CU runners **Jenny Simpson** (Econ, PolSci'09) and **Emma Coburn** (Mktg'13). The article on stress relief therapy dogs gave me a new term, "love muffin." I have two such critters myself.

The Grand Canyon cover article with the climate change theme gave me pause, however. Formed hundreds of millions of years ago through upheavals, volcanic activity, floods, droughts, tectonic shifts, vast inland oceans and other things almost

beyond comprehension, to be concerned about the next 10 years and a flooded parking lot seems rather short sighted to this layman.

Viewing the Grand Canyon should leave you in awe, with an appreciation of geologic time and overall human insignificance in the grand scheme of things.

**Richard Peterson**  
(Anth'71)  
Crook, Colo.

## REFLECTIONS

I am a 1975 and 1978 graduate of the University of Colorado. The winter edition of the *Coloradan* was simply superb. Thank you for interesting, insightful

and humorous inclusions. Both the inside and back cover photographs made me smile and reflect at the same time. Please continue the excellent work on behalf of all alumni. I, as one, do so appreciate it.

**Katherine Shand Larkin**  
(Engl'75; Law'78)  
Salida, Colo.

## THOUGHTS ON PAC-12 PLAY

I'm a longtime CU Buff football fan and currently a season ticket holder. I was really happy when Colorado moved to the Pac-12 conference. Like most conferences that have split divisions, I thought there would be a standard for-

mula for determining what conference opponents are played each season. For the Pac-12, intuitively, you would think Colorado would play every other team in its division plus four teams from the other division on a rotating basis. Therefore, we should have played each of the North division teams four times in our first six years in the conference. So why was it that we ended up playing Oregon six times in the first six years?

It took a friend of mine in California to explain that there was an agreement made when Colorado and Utah joined the conference and the divisions were formed. The agreement was that all the teams in California, regardless of what division they were in, play each other every year. As a result, the intuitive scheduling formula gets thrown out. Why not just realign the division so that all of the California teams are in the same division? Maybe put them in the same division as Arizona and Arizona State? Perhaps that just makes too much sense.

**David Kennedy** (Bus'78)  
Boulder

*CU Athletics responds:* When CU entered the Pac-12, we agreed to play in the Los Angeles area every year. If all the California schools were in one division, plus Arizona and ASU, CU would not be able to meet that commitment.

## IS HE SEÑOR WOOD?

In the Winter 2016 issue, Paul Danish's Boulder Beat column ["The Album," pg. 8] featured a quote from **Dave Wood** (MSpan'69). I had a fabulous Spanish teacher at Arvada High

THIS SUMMER WE HAD OUR OLD SLIDES DIGITIZED AND AMONG THEM FOUND THIS PHOTO OF RALPHIE. THE DATE ON THE SLIDE SAYS JANUARY 1967, SO THE PHOTO WAS TAKEN DURING THE '66 FOOTBALL SEASON. AFTER READING ABOUT THE RALPHIE MUSEUM SHOW IN THE WINTER 2016 *COLORADAN* WE WANTED TO SHARE OUR PHOTO AND LET YOU KNOW WE ALL LOVE RALPHIE!

**Joan** (Edu'69) and **Dennis Haberkorn** (Art'70)  
Grand Junction, Colo.



*Note: See a larger version of this photograph at [colorado.edu/coloradan](http://colorado.edu/coloradan). Visit Letters or search "Haberkorn" and "Ralphie."*

School in the '90s named Mr. David Wood who, every Friday, would bring in his guitar and sing songs with us and for us. As soon as I read that paragraph in the article, I had a nagging suspicion that this was Señor Wood I was reading about! I would love to know if my Spanish teacher

and the Dave Wood quoted in your article are one in the same.

**Amy Lee Kline** (Engl'03; MEdU'05)  
Arvada, Colo.

*Note: Yes, indeed — your Señor Wood and Dave Wood (MSpan'69) are the same man.*

**the Sink**  
ON THE HILL SINCE 1923

THESINK.COM • 303-444-7465  
Share your Sink Stories and Photos:  
contact@thesink.com

## 2017 Scholarship Challenge

**Our goal is to raise \$50,000 for scholarships this year.**

**GETTING INVOLVED IS EASY!** If you're a Colorado resident, your purchase of CU license plates includes a \$50 scholarship donation. Together, if we add just 1,000 CU plates to the road in 2017, we'll reach our scholarship goal.

Share your CU pride and help us support the next generation of Forever Buffs!

Visit [BuffPlates.com](http://BuffPlates.com) for more information.

Alumni Association  
UNIVERSITY OF COLORADO BOULDER

# Coloradan

VOLUME 21, NUMBER 3  
SPRING 2017

*Coloradan* aims to connect, inform and engage readers in the life of the University of Colorado Boulder through regular communication with alumni, students, faculty, staff and friends of the university. It is published four times per year, in spring, summer, fall and winter, by the CU Boulder Alumni Association. Permission to reprint articles, photos and illustrations may be obtained from the editor.

#### EDITORIAL OFFICES

Koenig Alumni Center, University of Colorado, Boulder CO  
80309-0459; phone 303-492-3712 or 800-492-7743;  
fax 303-492-6799; email [editor@colorado.edu](mailto:editor@colorado.edu)

#### ADDRESS CHANGES

To change your address or remove your name from our mailing list, write or call the Alumni Association at the address and numbers above or email [processing@cufund.org](mailto:processing@cufund.org). Please include your alumni ID number, which is on your mailing label.

#### ON THE WEB

Visit [www.colorado.edu/coloradan](http://www.colorado.edu/coloradan) to read the magazine.

#### PUBLISHER

Ryan Chreist (Kines'96, MPubAd'09)

#### EDITOR

Eric F. Gershon

#### ASSOCIATE EDITOR

Christie Sounart (Jour'12)

#### STUDENT ASSISTANT

Lauren Price (MJour'17)

#### CONTRIBUTORS

Glenn Asakawa (Jour'86), Michelle Starika Asakawa (Jour, Mktg'87), Peter Burke (Engl'92), Patrick Campbell (EnvDes'11), Casey A. Cass, Melissa Cech (Engl'06), Dave Curtin (Jour'78), Paul Danish (Hist'65), Marty Coffin Evans (Engl'64), Kacie Griffith, Trent Knoss, Elizabeth Lock (MJour'09), Ken McConnellogue (Jour'90), Jennifer Osieczanek, David Plati (Jour'82), Julie Poppen (Engl'88), Jim Scott (EPOBio'73), Clint Talbott (Jour'85)

#### DESIGN AND ART DIRECTION

Pentagram Austin

Please recycle with magazines.

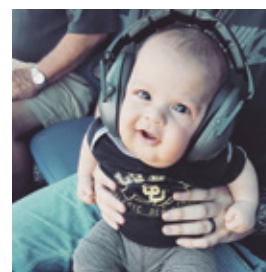
VISIT US AT

[WWW.COLORADO.EDU/COLORADAN](http://WWW.COLORADO.EDU/COLORADAN)

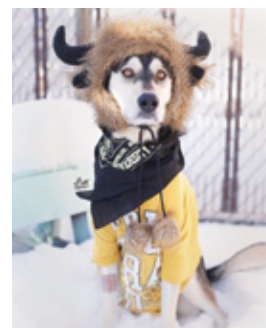
#### SOCIAL BUFFS



@adrian4espana "Cheering on the Buffs from Slovenia!"



@angellzoo "Baby Buff"



@goodlegram "Both of my parents are CU alumni, can you tell?"

#### FOLLOW US

##### Facebook

[facebook.com/cuboulder alumni](https://facebook.com/cuboulder alumni)

##### Twitter

@CUBoulderAlumni  
#foreverbuffs

##### LinkedIn

University of Colorado Boulder Alumni

##### Instagram

@CUBoulderAlumni  
#foreverbuffs

# THEN

1935

**Byron R. White** (Econ'38) came to notice for his athletic prowess, then proved himself a star in almost everything else.

Perhaps CU Boulder's most celebrated alumnus, the football hero dubbed "Whizzer White" graduated first in his class, won a Rhodes Scholarship, served as a U.S. Naval officer, went to Yale Law School and, at age 44, became one of the youngest ever U.S. Supreme Court justices.

A Colorado native, White also ranks among the longest-serving justices — 31 years.

In this photograph, one in a series of CU football players, he was still a teenager.

White died in 2002, in Denver. He would have turned 100 this June.

