

UNC

UNIVERSITY OF NORTHERN COLORADO
FALL/WINTER 2015

magazine

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The View from Here



On Sept. 12, students and community members dusted off their artistic skills and set out to break the Guinness World Record for the longest continuous chalk art drawing. The effort, pictured here, was part of the city's Greeley Unexpected marketing campaign. Andrew Liccardo, director of UNC's School of Art and Design, and Pete Niehoff, the school's lab coordinator, laid out the 3,000 6-foot-6-inch squares in the UNC parking lots south of the University Center and individuals and teams filled them in with artwork. Their efforts — which added up to three-and-a-half miles — set an official world record.

 facebook.com/greeleychalkalot

PHOTO BY CLOUDGATE, INC.

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PHOTO BY ROB TRUBIA

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ON THE COVER

UNC's new Brewing Laboratory Science program takes a close-up, chemist's view of an age-old craft and offers UNC students an innovative degree option.

PHOTO BY UNC CREATIVE SERVICES

Editor's Note

What's in a name? The decision to retitle *Northern Vision* as *UNC Magazine* is more than a new name and updated cover design. Our goal is for readers to immediately recognize UNC in every story told and photo shared. We want readers to reconnect with the campus they remember and grow with the institution that UNC has become — the university that trained one third of Colorado's teachers of the year, produced 25 Broadway performers, and coached over 400 All-American student athletes. *Northern Vision* is present in profiles of faculty, research and community impact, but the full collection of campus stories is best represented by our moniker — UNC. Remain connected and informed between semiannual issues of *UNC Magazine* when you subscribe to UNC Monthly e-news. Send your subscription information and magazine comments to UNCMagazine@unco.edu.

@UNC

Close-up

KAMIE ETHRIDGE

Head Women's Basketball Coach

PHOTO BY ROB TRUBIA

UNC HIGHLIGHTS:

Arrived April 2014, led UNC women's basketball to a UNC record-setting 22 wins and an invitation to the Women's National Invitational Tournament (WNIT).

BEFORE UNC:

Olympic Gold Medalist, 1988; Women's Basketball Hall of Fame, 2002; 18 seasons as associate head coach at Kansas State. Coached at Vanderbilt and Northern Illinois and as a student athlete, earned national honors as captain and MVP for the 1986 NCAA championship University of Texas team.

ON GAME DAY I ALWAYS:

"Lie down — sleep if I can — for 10 to 30 minutes."

PERSONAL MOTTO:

"Don't settle. I want to strive for more and challenge myself and team to be our best in whatever we're doing."

BEST THING ABOUT COACHING THE BEARS:

"Influencing young people. It's a thrill to work with and teach college-age players and get a group of individuals to mold into one goal."

MY PLAYERS KNOW:

"We want them to control what they can control — their efforts, concentration, work ethic, communication, energy and sacrifices — and to give to each other."





INNOVATIVE CAMPUS COMMONS PROJECT MARCHES ON

It's full steam ahead for UNC's Campus Commons project following a commitment from the state for its share of the funding and the selection of the project's architectural and construction firms.

The Campus Commons will be an innovative navigation and support hub for students, a showcase for UNC's world-class music and musical theater programs, and a gateway to UNC for the community and prospective students. In addition to space for a fully integrated student support operation, it will include a 600-seat performance venue, 400-seat multiuse auditorium, art gallery and student-run cafe.

After Colorado approved \$23 million in the current fiscal year for the building, UNC selected the Denver-based architectural firms of Semple Brown Design and Handprint Architecture to design the building and chose Adolphson & Peterson Construction to manage the Commons' construction.

A combination of state capital funds, bonds supported by a student capital fee and private donor gifts will fund the \$73.6 million building. The Commons will be located south of the University Center, near the intersection of 11th Avenue and 22nd Street, and will be

The Campus Commons will address basic curricular needs by housing a state-of-the-art auditorium and performance hall for UNC's highly regarded College of Performing and Visual Arts, which has about 300 recitals and performances this year, and 25 graduates who have starred in 53 different Broadway productions.

designed to work in tandem with the UC. A committee of faculty, staff and students has been created to ensure campus-wide engagement in the design and building process, gather feedback and communicate with campus and beyond. Construction is scheduled to begin in summer 2016.

The project is a crucial element in delivering on UNC's promise to provide students first-rate academic programs, customized learning opportunities and individual support, and a critical component of the school's growth strategy.

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Funding Important Work

WHAT MAKES A GREAT MATH TEACHER?

UNC math professors Jodie Novak, Rob Powers and Frieda Parker will partner with Oklahoma State University's Mike Oehrtman for a \$1.17 million National Science Foundation research grant. They'll collect data from 24 expert high school math teachers as they plan, teach, and reflect on lessons. Ultimately, the research may contribute to developing and assessing secondary math teachers' mathematical knowledge for teaching.

MEETING THE NEED FOR MORE REHABILITATIVE COUNSELORS

Associate Professor of Human Rehabilitative Services Jill Bezyak received a \$938,705 U.S. Department of Education grant to increase the number of qualified vocational rehabilitation counselors who serve individuals with disabilities. Each year for five years the grant will fund seven students training to serve individuals with various disabilities including severe mental illness, individuals with disabilities who are transition-age, and individuals with disabilities from culturally diverse populations.

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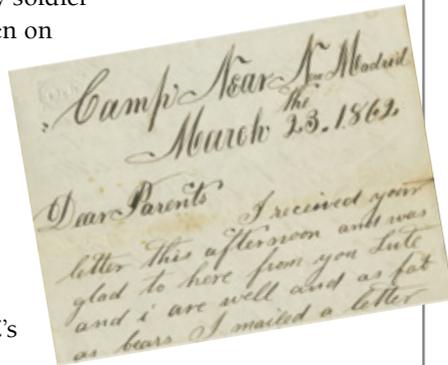
LETTERS BRING CIVIL WAR TO LIFE

“Dear Parents I received your letter this afternoon and was glad to here (sic) from you. Lute and I are well and as fat as bears...”

So begins a letter from Union Army soldier Daniel Parker to his parents, written on March 23, 1862. The letter is one of a collection of handwritten letters penned by Civil War soldiers that chronicle their experiences in battle and the hardships they faced from 1861 through 1865.

Alumna Dawn Pfeiffer (BAE-87, MA-95) donated the letters to UNC’s Teaching with Primary Sources program located at Michener Library. The TPS program offers workshops to K-12 educators on the use of digitized primary sources.

University Libraries recently completed the project to digitize the collection and you can view scanned versions of the letters online at <https://digarch.unco.edu>.



APP IMPROVES YOUR WRITING

Scribe Bene (Latin for “write well”) is an app for Microsoft Word co-developed by UNC Assistant Professor Susan Gould. It reviews documents and identifies writing pitfalls like vague words or passive voice, cueing the writer to replace them with more specific words or change a phrase or sentence to the active voice.

Gould, who teaches in UNC’s Nutrition Dietetics program, taught business communications before earning advanced degrees in food science and human nutrition. She collaborated on the app with her husband, a retired Colorado State University business communications professor, along with one of his former colleagues, and worked with them on a study that showed how college students’ writing improved by using the app. The app and study were featured by *Money* magazine in an online story.

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BEHIND THE BUILDING



THE CÉSAR CHÁVEZ CULTURAL CENTER is celebrating its 30th anniversary this year and has been in the Patton House the entire time. Some readers might remember that UNC’s nursing program was once housed in the 3,000-square-foot brick structure on the corner of 20th Street and 14th Avenue. The house was built in 1934 and purchased in 1965 from George and Helen Patton.

Much like a family, the Patton House and César Chávez Cultural Center bind together stories and memories to form a home away from home for many UNC students.

Center director Patricia Escobar shared some of her favorite memories during the center’s 30th anniversary celebration Sept. 24.

“Some of you who come to visit after many years since graduation always say: Gee Trish, it felt weird to come in and see the familiar place and not know anyone anymore...and I always want to say, well that’s true but believe me somewhere here we have another Daniel Duran around here wreaking havoc, confronting Paco the resident ghost in order to name him, or another Carmen Rivera secretly planning to take over the world through the institution of Lambda Theta Nu!

“Another free spirit such as Rachel Ramirez, who I found flying a kite on the parking lot of the Center or Rebecca Valenzuela, quietly leading an organization that drove her to tears.

“I have a story about most of you alumni – your imprint is clearly left not just in our hearts but on the walls of the most wonderful home away from home the César Chávez Cultural Center!”

! SETTING THE RECORD STRAIGHT: Several readers of our spring/summer issue were quick to point out that the building in the photo for the Behind the Building feature about Carter Hall was Frasier Hall. We apologize for the error and any confusion it caused.



FACEBOOK.COM/UNCALUMNI:

TOM TRIGG (BS-90) – Flying into DIA from Florida to see my father, I ran into our UNC bears football team heading to play Sacramento State, I walked up and introduced myself as an alum from 25 years ago. The players talked to my son and me and were some of the most polite and friendliest people. I would like to say thank you to them for taking the time to talk to my son. By the way they won that game. Go Bears.

Making the case for schoolwide movement

THE SCIENCE BEHIND PHYSICAL ACTIVITY AND LEARNING IN SCHOOLS

We are beginning to realize what scientific research supports: that learning outcomes and physical activity aren't mutually exclusive. It's quite the opposite.

K-12 schools that embrace an environment for physical activity find the initiatives pay off in the classroom — to say nothing of their health benefits as U.S. childhood obesity rates have doubled in the past 30 years, affecting nearly 13 million youth, and more prevalent among Hispanic and non-Hispanic black children.

A steady stream of literature over the past decade shows that quality physical education classes position students to perform better academically. Active children have better functioning brains, particularly in neural activity and structures foundational for learning, and in attention and working memory. These brain health effects are seen even after a single session of physical activity. For example, brain scans show more brain activity following 20 minutes of walking compared with sitting for 20 minutes. Students may resort to cramming for a test, but these findings suggest that a better tactic would be to move around beforehand.

Now a national movement is under way as schools promote lifelong physical health and well-being.

Whole-school approaches, such as the Comprehensive School Physical Activity Program (CSPAP), offer promising ways for children to accumulate daily physical activity. A CSPAP cornerstone is for every school to be equipped with a trained physical activity leader who spearheads and facilitates school physical activity initiatives. Many resources, funding opportunities, training workshops, and a national collaborative of support help mobilize schools and school leaders to increase daily physical activity opportunities.

In Colorado, a host of education, health, community organizations and professionals are taking action. Nearly 200 of these leaders convened at UNC for a Schulze Speaker Series titled “Active Kids Do Better: Building Healthier Generations of Youth through Active Learning Schools.” The interdisciplinary nature of building healthy generations of youth was discussed. UNC efforts related to this movement were showcased — particularly surrounding the recent launch of one of the first master’s programs to focus on whole school physical activity promotion and leadership (UNCactiveschools.com).

Two UNC graduates were distinguished speakers who presented the successful programs being implemented in St. Vrain Valley School District (see “UNC Grads Keeping Kids Moving in School,” page 24).

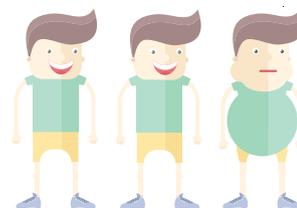
As more schools latch on, learning and health initiatives and outcomes need not be treated as mutually exclusive. Science tells us and practice shows us just how flawed such an approach can be.

—Russell “Russ” Carson, Ph.D., who studies and advocates for physical activity in schools, is associate professor of Sport & Exercise Science at UNC.

Fast Facts

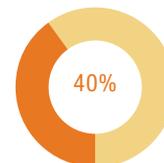
CHILDHOOD OBESITY BY THE NUMBERS

Childhood obesity in the U.S. **TRIPLED IN THE LAST 20 YEARS**, affecting more than 12 million children.



Nearly **1-IN-3 CHILDREN** in America are overweight or obese.

In African-American and Hispanic communities nearly **40 PERCENT** of the children are overweight or obese.



DIET: MID-1970s TO TODAY

6.4 MORE OUNCES in the average sugar-sweetened beverage.



14 PERCENT MORE sugars and sweeteners which is **15 MORE POUNDS** of sugar a year.



56 PERCENT MORE fats and oils and **31 PERCENT MORE** calories.



Only **ONE-THIRD** of high school students get the recommended levels of physical activity.



8 to 18-year-old adolescents spend an **AVERAGE OF 7.5 HOURS A DAY** using entertainment media, including TV, computers, video games, cell phones and movies.

SOURCES: Letsmove.gov, Livewellcolorado.org, Scholastic.com

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Quote worthy

I expect we're going to blow that one right out of the water. 🍷🍷

UNC President Kay Norton, on achieving the university's goal for increasing undergraduate retention, during her annual State of the University Address on Sept. 15. Norton also announced that new graduate students (22 percent) and new freshmen (5 percent) increased from last year with an enrollment goal of 15,000 students by fall 2018.



Find a recap, transcript and video of her address at unco.edu/uncmagazine/fall2015

UNC AUDIOLOGIST SPEAKS TWICE AT WORLD HEALTH ORGANIZATION HEADQUARTERS

At the request of the World Health Organization, UNC Professor of Audiology Deanna Meinke presented at two WHO events at the organization's headquarters in Geneva, Switzerland.

In October, during the WHO-ITU (International Telecommunication Union) Joint Stakeholders' Consultation, Meinke presented outcomes from a survey of music listeners from multiple countries regarding their view of safe listening strategies. The UNC professor is a sought-after expert and speaker. As an invited panelist at a WHO conference last March, she discussed her experience with the Dangerous Decibels program she co-directs. The initiative includes a student-involved project that uses sound-level meters placed in mannequins' ears to visually demonstrate the volume produced by personal music players.

It's a topic with far-reaching implications. The WHO estimates 1.1 billion young people worldwide could be at risk of hearing loss due to unsafe listening practices like unsafe sound levels from personal audio devices.



WEBSTER NAMED VICE PRESIDENT FOR DEVELOPMENT AND ALUMNI RELATIONS



In August, UNC President Kay Norton appointed Wayne Webster as the vice president for Development and Alumni Relations. He leads the university's fundraising and alumni relations programs, overseeing gift giving and campaign initiatives, including UNC's signature project, the Campus Commons.

Before coming to UNC, Webster was vice president for Advancement at Ripon College in Wisconsin where Ripon's endowment grew from \$52 million to \$85 million and Webster led a successful campaign that raised more than \$60 million.

Webster earned a doctorate degree in higher education administration from George Washington University and a master's in management from Doane College. A Colorado native, he graduated from Rocky Ford High School and has ties to UNC; his parents, Deborah Webster and Stephen Webster, earned degrees from UNC.

"Wayne is a great addition to our UNC team," said Norton. "He has clearly been a successful leader for his previous institutions, not the least because he is an engaging listener and colleague. He is joining us at a pivotal time in our history, and we look forward to his contributions."

MEDICAL ANTHROPOLOGY CLASS' PROJECT TARGETS HEALTH CARE

Students in Assistant Professor of Anthropology Whitney Duncan's spring semester medical anthropology course surveyed patients of the non-profit Salud Family Health Centers and the general public and presented their preliminary findings during UNC's annual Research Day in April. Their work contributes to Duncan's research project, "Project HealthViews," investigating understandings, experiences and perceptions of health and health care. Salud provides health services primarily for low-income, medically underserved residents and migrant and seasonal farmworkers. Using data from patient surveys helps them assess their work as a patient-centered medical center and improve health care delivery. Survey results will also broaden understanding of how different populations view their health status and make decisions about seeking treatment; what role culture, ethnicity, gender, socioeconomic status and insurance coverage play in access to treatment and satisfaction with care; and what variables might contribute to positive and negative treatment experiences.

GO BEARS!

FROM CHINA TO COLORADO

UNC GOLFER ERIC LI CHEN FACED BIG CHANGES WHEN HE MOVED TO THE U.S., BUT GOLF WAS ONE CONSTANT THAT HELPED HIM ADJUST.

It takes roughly 18 hours by plane to get from Colorado to Guangzhou, China — a 6,883-mile flight for UNC freshman golfer Eric Li Chen to return to his hometown.

The UNC business major lived in China's third largest city until he was 13 years old. That's when his life changed one afternoon on a golf course.

"I was actually in America at the time with my dad, playing in the Junior World tournament in San Diego. After I finished my last round, we were sitting in the clubhouse, and he said we were going to move to America," Chen recalls. "My parents were really excited about it, but the moment I heard that I was really devastated."

Chen's father worked for Crocs, and the shoe company transferred him to Colorado. They moved to Westminster the very next week.

Thrust into a new culture on a new continent, one thing remained the same: Chen could rely on golf as he acclimated.

"It was difficult at first, but people are pretty nice in Colorado," Chen says. "If I ever had a question, someone was always willing to go out of their way to help. Plus I had the golf team."

Chen was also beginning high school — a life transition in itself. America's academic system was entirely different from what he was used to in China, where "you could skip every single homework assignment, but as long as you did great on the exams, that's all that mattered."

"In Colorado, I had to keep up with everything and be on point every day, which was a struggle for me. It took me a while to figure out how everything worked."

Chen finished with a 3.5 GPA his last two years of high school. He ranked No. 1 on his high school team and made All-Conference and All-State all four years. He was voted to the All-Colorado team his junior season.

Two second-place finishes in the 5A State Championships, the state's largest division for prep

schools, caught the eye of men's golf head coach Roger Prenzlou.

"He has this tremendous work ethic on and off the golf course that was obvious from the first time I met him," Prenzlou says. "He's just a great person all around, and I couldn't be happier that he ended up on my team."

Chen carded his first career under par round as a Bear, shooting 71 (-1) in the first round of the year's first tournament.

"I expected to be nervous at first, but the people were nice and the competition was great," Chen says of his first collegiate meet. "I looked down at my shirt and saw the UNC logo on it and was proud I was representing the school and that I had made it to this level."

Chen says the most difficult thing about collegiate golf is the grind of 36-hole days, which was new to him.

"You're just on the course for so long, and when things don't go your way on a 36-hole day, you begin to doubt yourself."

He set a goal this season to beat his career-low round of 67, which he carded twice, once in 2011 and again in 2013.

"He's a competitor inside and out," Prenzlou says. "He's still learning how to handle the game at this level, but he's picking up on it quick. Once he figures out how to be consistent and gains more experience, he'll be posting some low rounds for us."

And, along the way, proving once again his aptitude for flourishing in new environs.

—Kobee Stalder



PHOTO BY BARRY LAPOINT

Professor of Common Ground

If students walk into professor Karen Barton's geography class expecting to learn about maps, they find instead they're navigating a whole new perspective on landscapes, people, place, politics and life.

"In geography," Barton says, "we're interested in the way humans transform the landscape and the way the landscape shapes us."

Barton, who earned her bachelor's degree in social ecology from University of California Irvine, and her master's and doctorate at the University of Arizona in geography, came to UNC 10 years ago. She teaches students to see the links and connections between people, place, and food.

Some of the topics she covers — food deserts, hydrofracturing and poverty — can be polarizing and political. Delving beneath the surface of each issue, she finds a place where topics can be considered from all sides.

Food deserts are places where fresh, healthy food isn't easily available, defined as areas where the closest grocery store is 10 or more miles away. For the elderly or people without vehicles, that distance puts healthy food out of reach; they may rely instead on packaged and processed foods from local convenience stores. And, while many people think of food deserts as inner city areas, Barton's students learn that food deserts aren't confined to heavily populated cities. In Colorado, large rural areas can be an hour or more from supermarkets.

As Barton researches food deserts and community issues that contribute to them, her students have been able to see the problem from ground-level, where they see the people affected and learn about food availability, social issues, community and culture. Along the way, her students have toured the places where food originates, and explored issues related to food and community. They've gone to meat processing and slaughter plants and toured the Weld Food Bank. Her research and classes have helped students understand that behind these highly visible issues are real people, communities and cultures.

"Dr. Barton's teaching — and a research project I worked on with her — changed how I view topics, especially political ones, by opening my mind to the possibilities which can lead to the root of an issue. I now try to view issues with an open mind and

fully research my arguments," says Adrien Hoff, a recent UNC graduate in anthropology who minored in geography. She worked closely with Barton as a research assistant on food deserts.

"We examined a new theory of food deserts and took it out of large city context, applying it to rural areas in Colorado outside the Front Range," says Hoff. "This shift of location provided us with the knowledge that many rural areas have been neglected and marked as food deserts since at least the 1800s."

As social and economic issues evolve and people in small, rural Colorado communities find their region changing, they need to be able to find ways not only to solve problems, but to come together and develop solutions without divisiveness. In some cases, communities have worked to solve the problem by creating food co-ops to bring food into a local store. Issues revolving around hydrofracturing and poverty may also add a layer of complexity, and that's where students see issues in a broader sense.

Hoff says that Barton's approach brought facets of critical thinking and wider consideration to issues that often carry potential for conflict.

"Dr. Barton is passionate about human behavior and concerned with the issues we all face day-to-day. She tackles so many topics with a full heart and willingly opens the door to both sides of a debate. Her teaching impacts how I approach my work by leaving my mind open to the cultural background everyone comes from, and by fueling my passion for educating the public."

Barton's effort to encourage an open-minded, solution-focused approach impacts not only her students, but also Colorado communities as she seeks common ground in changing social landscapes. She recently completed a summer research project titled "Oil and Gas Perspectives in Colorado: Engaging Farmers and Frackers in Dialogues of Development" that was funded by UNC's Summer Support Initiative. For the project, both oil workers and farmers were interviewed in order to better understand stakeholders' challenges and benefits of navigating the new energy economy. As a result, industry workers and farmers will meet in April 2016 at UNC to discuss oil and gas perspectives.

—Deborah Moors



Associate Professor Karen Barton connects students with rural Colorado communities and helps build understanding between often polarized groups — from farmers to oil producers.

KAREN BARTON, PH.D.
Geography

PHOTO BY ROB TRUBIA



PHOTO BY WOODY MYERS

Impact

Paying it Forward

First Generation student Azanet Rodriguez makes sure that her daughters know education is something to fight for — and a path for helping others.

When Azanet Rodriguez was 2 years old, she fell from a rooftop onto a cement floor in her hometown in Mexico and fractured her skull.

Doctors told her parents that she would suffer from seizures and mental disabilities for the rest of her life.

But, as Azanet says, even at 2, the diagnosis challenged her to go “against all odds.”

“In fifth grade, I had a teacher who made fun of me in front of the class because I couldn’t learn my multiplication table,” Azanet said. “I was terrified to attend his class and be humiliated.”

Today, Azanet has come a long way from the fear of being embarrassed in class. She’s the first in her family to graduate from high school and from community college, and to transfer to a university.

“My father always told me that if I ever missed work because of school, I would have to quit. So I worked to help provide for the family while attending school to show him that education was critical to finding better job opportunities.”

She is also an advocate for the elderly and for people with disabilities. Although she has young children at home, for the past nine years she has volunteered her time organizing activities and outings at a Greeley senior center, singing at a local nursing home and traveling to Mexico to provide medical services to people in need.

Azanet is showing her daughters how to be “luchadoras” or fighters by pursuing her degree in Human Services and also giving back to the community. This fall she performed at the César Chávez Cultural Center 30th Anniversary Celebration and at the Community Engaged Scholars Symposium.

“My contribution to society will advance as I continue to achieve my educational goals,” Azanet said. “Everything I do revolves around helping others.”

—Amy Dressel-Martin

THE BOB & BONNIE PHELPS FAMILY CAP AWARDS RECOGNIZE THREE STUDENTS ANNUALLY WHO:

- **Contribute**...by volunteering time and personal skills, talents, abilities, experience and passion around issues in service to the community.
- **Achieve**...by displaying a bias toward action and performance, overcoming obstacles and setbacks, and accomplishing goals.
- **Pay-it-forward**...by impacting the lives of others in meaningful and positive ways through random and planned acts of kindness, caring and “giving back.”

2015 CAP AWARD SCHOLARS:

- **Azanet Rodriguez**, future community health leader
- **Amber Lemmon**, future business leader, specializing in Finance and Accounting
- **Cayden Olsen**, future teacher, specializing in Social Science Secondary Teaching, Special Education, Art and Culturally and Linguistically Diverse education

Research

Conservation Clues

IN EARLY JUNE, ALONG ESCALANTE CANYON NATIONAL CONSERVATION AREA in Colorado's Delta County, three graduate students and 10 undergraduate students worked alongside Bureau of Land Management state botanist Carol Dawson to collect data aimed at protecting the endangered Colorado hookless cactus. Their work was part of UNC Associate Professor Mitchell McGlaughlin's intensive Field Botany course.

The students recorded the presence of previously tagged plants and new seedlings (which would receive new tags), noted if the plants were flowering and looked for evidence of damage from activities such as grazing. This data was incorporated into a long-term monitoring dataset, which is tracking growth, reproduction and survival.

Estimates of the number of Colorado hookless cactus, which is protected under the Endangered Species Act, range from 25,000 to 45,000 individuals. Although 45,000 plants may seem like a lot, that's quite low when you consider the abundance of most common plants, according to McGlaughlin. Grazing, oil and gas development, and collections for the horticulture trade are contributing factors to the decline of the Colorado hookless cactus, he added.

"This plant represents part of the Colorado flora and global biodiversity," McGlaughlin said. "It's a beautiful small cactus. Overall, if we lose it, there is no way to replace this unique organism."

McGlaughlin's passion for teaching his students about plants and their importance, and his research on plant speciation and genetics, offers students unique opportunities. He focuses his research and teaching on using genetic tools — like DNA testing — to understand plant speciation and to help manage and understand plant diversity. His work encompasses rare plant species in the California Channel Islands, Hawaii and Colorado.

The tools he uses, he says, are like the tools used in television's crime series, CSI. Students work to uncover

MITCHELL MCGLAUGHLIN, PH.D.
Biology

PHOTO BY WOODY MYERS



Associate Professor Mitchell McGlaughlin uses data and field samples to help map conservation efforts of a number of plant species, including the endangered Colorado hookless cactus, pictured at left.

the genetic fingerprints left behind when plants cross with each other, disperse, form hybrids or evolve over time.

From a practical, land management perspective, McGlaughlin explains that genetic identification of plant species helps land managers know if they're dealing with a federally protected endangered species, and how to manage plants to maintain diversity.

For example, if an area is going to be developed for oil and gas extraction, and they know there are endangered species nearby, they need to really understand those species. If a particular plant depends on a specific pollinator to reproduce or is only found growing in a rare soil type, then land managers need to incorporate that information into their management efforts.

"We're not just collecting academic data in a vacuum," McGlaughlin says. "We're using that data to enhance conservation."

—Deborah Moors



BLUE & GOLD

University cheerleaders raise UNC colors high at the start of the Oct. 17 Homecoming game against UC Davis.

BRINGING IT HOME

On a perfect fall day in Colorado, the Blue and Gold took center stage as the university community raised the Bear banner high for homecoming.

Whether you were able to make it to UNC in October, or you were there in (Bear) spirit, UNC's colors were blazing with pride. Here's a photographic glimpse of the fun, fans and festivities that made up UNC Homecoming 2015.





“Wow, @UNC_Colorado football looking GOOD!”

—Luis Casillas

 @UNC_Colorado



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PHOTO BY WOOD MYERS



BEAR PRIDE

- 1 In spite of the mid-October date, Colorado's sometimes-fickle weather was sunny and warm — and UNC's Sugar Bears dance team had their day in the sun.
- 2 The Class of 1965 gathers on Hi Bridge in celebration of their 50th Reunion during Homecoming Weekend.
- 3 Students show their Bear Pride during the game.
- 4 It's just not homecoming without sharing a great tailgating spread with friends, family and fellow Bears.

- 5 UNC's got talent — and when it comes to music, the Pride of the Rockies marching band strikes just the right note.
- 6 Community Fest featured more than 100 student organizations, community non-profits and Greeley businesses in a celebration of the close ties between UNC and the region. Face painting, entertainment and educational activities draw families and fans before kickoff.
- 7 Alex Wesley, a wide receiver from Murphy, Texas, carries the ball for the Bears. Redshirted as a freshman, Wesley is also a track and field standout for UNC who qualified for the NCAA West Regionals in the 400-meter dash last year.

“We watched it “live stream” here in So. Cal.! Such an AWESOME GAME!! Very proud of the Bears!!”

—Michele Fournier Ward

 facebook.com/UNCAumni



PHOTO BY ROB TRUBIA

CELEBRATION

At the end of the day, there was a lot to celebrate, including the Bears' 56-27 win over UC Davis. The team racked up a Division I program record score, with eight touchdowns. Shown here are sophomores Zach Wilkinson (77) and Austin Bown (52), redshirt freshman Cody Wilson (65) and senior Sean Leslie (83).



PHOTO BY ROB TRUBIA



First DRAFT

UNC's new brewing science program serves up chemistry and beer with an innovative, interdisciplinary approach

By Joshua Zaffos, Photography by Woody Myers



Chelsea Lawler starts her workday with a hot cup of coffee and a warm flask of beer.

A chemistry technician at New Belgium Brewing in Fort Collins, Lawler collects samples from the craft brewery's tanks each morning to run through a gas chromatographer for analysis. Lawler measures the concentration of diacetyl, a chemical compound produced during fermentation that can sometimes give a funky, off-flavor to beers. When the numbers look right, she signs off on moving batches from primary to secondary fermentation tanks, a critical step on the way to producing beer.

"Beer can change batch by batch," says Lawler, speaking inside New Belgium's analytical laboratory, where benches of pricey precision equipment and chemistry kits more closely resemble an environmental testing center or university doctoral student research space than part of a brewery. But maintaining quality control and assurance is a big — if overlooked — part of brewing and bottling

tasty and consistent-tasting beers. Temperatures, alcohol content, IBUs (a measure of bitterness), hop aroma, color and specific gravity can all fluctuate, Lawler explains, and her job is to make sure that a New Belgium Fat Tire is — from a chemist's point of view — a Fat Tire.

Lawler landed her job after an internship with New Belgium the previous year — and completing coursework through the University of Northern Colorado's new Brewing Laboratory Science Program. While brewing may be an emerging trend for academic programs, UNC's program is unique: It prepares chemistry majors and others for jobs in quality control and assurance at breweries. No other university program offers a similar curriculum in brewing science, says Michael Mosher, chair and professor of UNC's chemistry and biochemistry department who created the program with colleagues.



For UNC grad Chelsea Lawler (BS-15), the science behind a bottle of beer goes well beyond a matter of ingredients and requires a chemist's touch as much as an artisan's.

“Many of the programs in the country happen to produce people who are master brewers. We thought about going a different way and instead creating a kind of niche to produce people who can work as technicians in the laboratories and quality-control sector,” Mosher says. “It is a great way to not only attract more students to the university, but also help out the microbreweries, craft breweries and even the larger breweries by producing students who are qualified to work in those places.”

Drafting AN INNOVATIVE APPROACH

Mosher developed the brewing laboratory science program at UNC after noticing the proliferation of big and small breweries across Colorado. He realized many startups and even established companies lacked qualified lab personnel. That meant they were left training people on the job and maybe only doing basic quality control.

With a Ph.D in organic chemistry and experience as a homebrewer since the late 1980s, Mosher recognized he could combine those elements and weave in other academic disciplines to create a new curriculum.

“This seemed like the logical next step,” he says. “It’s an attractive subject to teach, and I loved the multidisciplinary nature of brewing. It’s not just chemistry and biology; there’s so much history and physiology and botany and different fields woven into this big subject. I think the students pick up on the excitement and they can find something they like.”

Mosher launched a two-year pilot run of two brewing lab science courses within the chemistry department, starting in fall 2013. The first class

attracted about 15 students without much advertisement. That was a promising sign. In spring 2014, Mosher teamed up with professors and staff from other departments and pitched a brewing lab science program to Innovation@UNC, an initiative to fund and develop novel teaching approaches on campus. The group proposed a new university certificate and minor, and a brewing system on campus. I@UNC funded the program, including the purchase of the brewing equipment and some small pieces of lab equipment used exclusively for beer brewing. The chemistry department chipped in additional support. The brewing operation, located in Parsons Hall, is under construction and acquiring necessary licenses.

The certificate program also officially started this fall. It requires students to complete three brewing laboratory science classes and receive a B grade or better in each class. Students’ first serving is Chemistry 370, a lecture-based introductory course to beer and the technical aspects of brewing that’s open to all students. For those pursuing the certificate, two additional courses, Chemistry 470 and 479, will be offered during the summer. (No beer-tasting occurs in the intro course, but the following classes do involve sampling batches, so students must be 21. They must also take a Breathalyzer test and return a 0.04 or less blood alcohol content before leaving class each day.)

The advanced classes take students into labs to analyze beer — both with and without the expensive precision equipment. “We talk about analysis methods, because if you’re working at



PHOTO BY KELSEY BRUNNER

ENTREPRENEURIAL SPIRIT: A chemist and homebrewer, Mosher crafted and developed UNC’s new Brewing Laboratory Science program as part of Innovation@UNC, an initiative aimed at creative programs and approaches at UNC.

a small startup brewery, they’re not going to have \$10,000 or \$100,000 instruments to do analysis,” Mosher says. “If you know the work the machines are doing, then you know some alternative methods to still get the same or similar results and what they mean. That’s the purpose of the [advanced-level] courses we teach.” Students also learn quality-control and quality-assurance processes, including American Society of Brewing Chemists (ASBC) analysis methods, commonly used by many breweries.

Lawler was among the students who signed up for the program’s first classes during the pilot phase. As a senior, and already a chemistry major, Lawler enrolled in Chemistry 370. “A lot of pre-med friends were in that class,” she laughs. “I didn’t know much about the chemistry of brewing beer, but I thought it would be interesting.”



A HEAD FOR SCIENCE: Lawler takes a careful look at a sample as she evaluates batch quality at New Belgium.

Lawler enjoyed the intro course and then enrolled in 470. Meanwhile, Mosher began nudging her to apply for an internship with New Belgium. She got the position and soon began learning how to use the brewery's lab equipment and shadowing technicians as they did their jobs. "I was taking classes and started working here, and I thought, 'This could be a job?'" recalls Lawler. She had gotten over any pre-med plans.

Lawler says the brewing lab science program "helped me a lot," especially learning laboratory protocol and ASBC methods. "I was able to learn about the different tools and what they do, and the things I'd need to know in the lab." Standing in front of New Belgium's foam stability tester, which provides an important measure of beer quality and "foam collapse" in just minutes, Lawler says, "In class, we had to do that [calculation] by hand, and it could take four to five times that or longer to run one sample."

Lawler's coursework and internship paid off when New Belgium offered

her a full-time job after she graduated last May. "I think that's great to have on your résumé," she says of the curriculum and the brewing laboratory science certificate that students following her path will receive.

Dana Sedin, New Belgium lab manager and Lawler's supervisor, agrees. Sedin has a Ph.D in chemistry, but he only became familiar with the specifics of brewing science through positions at Coors and, now, New Belgium. What the UNC curriculum is teaching students, "I had to learn on the job," Sedin says. "There's a lot of value in the program."



From

MOLECULES TO MARKETING

Mosher, who last year earned the Diploma in Brewing Examination from the prestigious Institute of Brewing and Distilling, based in the United Kingdom, expects to have about 15

students enrolled in the brewing science curriculum when the certificate program begins. He anticipates numbers could eventually double. Next, the interdisciplinary minor will begin in spring 2016, which will incorporate the certificate course load and additional classes from recreation, tourism and hospitality; nutrition; and marketing; and also work with campus Dining Services.

The program will also get a boost when the brewing operation opens, slated for next year. Mosher worked with Nebraska-based Alpha Brewing to purchase a seven-barrel equipment system that will allow students to brew, analyze and eventually, according to

plans, offer and market their beers on campus for football games and other events.

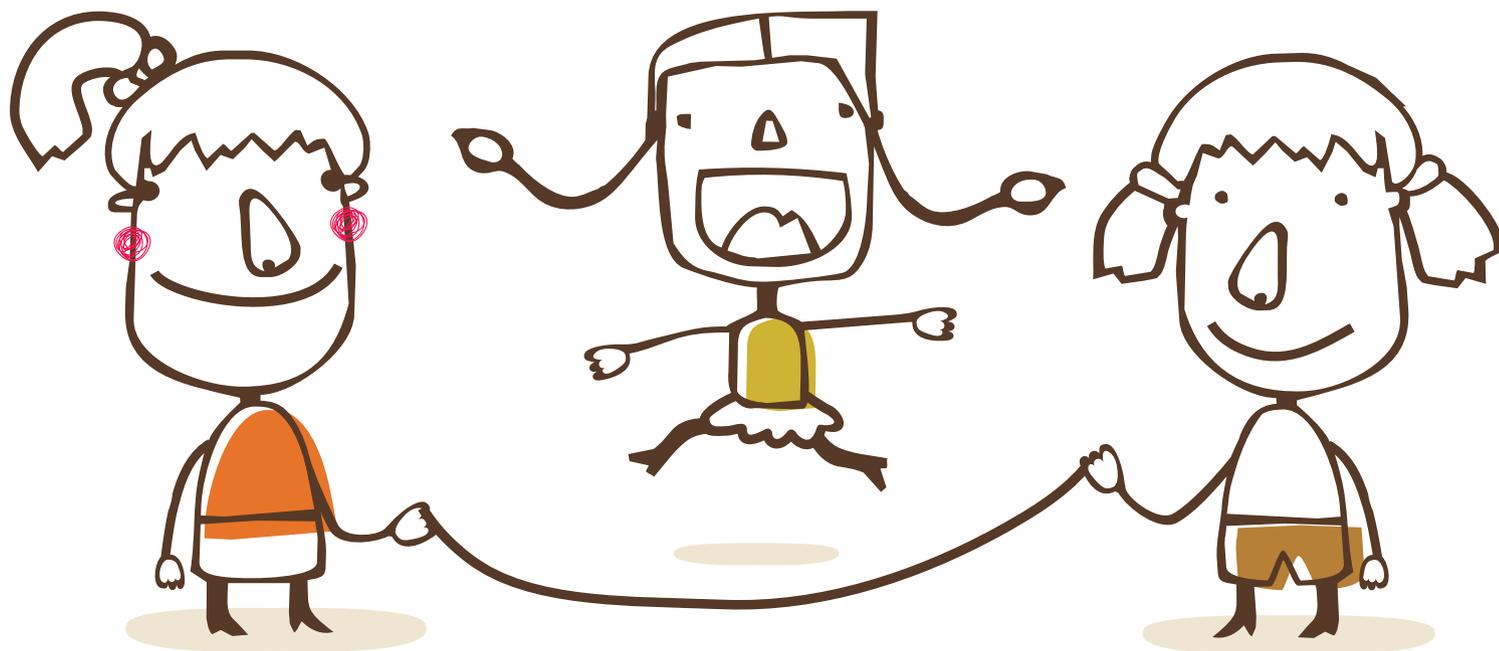
In the meantime, Mosher is focused on promoting the program on campus and among regional breweries. Companies that have supported the program, taken on interns, or hired UNC students so far include Breckenridge Brewery, Loveland's Verboten Brewery, Greeley's Crabtree Brewing, New Belgium, and Coors in Golden.

"The amount of support for the program is incredible. I've looked around and haven't found any other programs that are specific to brewing laboratory science," Mosher says, mentioning that a Texas university is already modeling a program after UNC's early efforts.

"Everyone seems to find this a very useful program and wants to make sure we're successful at it." With the program ready to be fully tapped and students already finding employment, Mosher can drink to that. **UNC**

Moving to address Childhood **OBESITY**

By Dan England



Taking a close look at the factors surrounding childhood obesity and its stigmas, UNC researchers are taking steps to help children get fit.

In back of Megan Babkes Stellino's Centennial home sits a series of yards stitched together like the squares in a quilt, where her two children, Evan, 9, and Alex, 6, have the rare freedom to play in a wide-open spot, unfettered by fences and surrounded by neighborhood kids.

Those kids all romp together in their backyards. Right now, the hot game is a mix of tag and hide and seek. Babkes Stellino calls it "beautiful."

She also calls it a personal lab. That's because she's studying why all those kids are out there in the first place. It's not just child's play. Babkes Stellino, professor of Sport and Exercise Science at UNC, is among UNC faculty who are finding ways to help solve the reasons for the growing number of kids battling obesity. Paul Klaczynski, associate professor of Psychology, studies obesity stereotypes. Brian Dauenhauer, assistant professor of Sport and Exercise Science, researches the role physical education teachers play in preventing childhood obesity.

Babkes Stellino's kids are "super-athletic," as she puts it, the result of genetic gifts bestowed upon them by Vince, her husband who plays and coaches hockey, and Babkes Stellino, a gymnast who competed at the University of Washington. Yet Evan and Alex don't always take advantage of that freedom to play. They're social creatures, Babkes Stellino says, motivated by the presence of their neighbors. If the backyards are empty, they're not likely to be out there either.

"We still hold on to a basic premise that kids love to be outside, and that's not true," Babkes Stellino says. "We can't just provide the opportunity. We have to understand the factors behind why they're out there too."

Obesity has actually leveled off nationwide, lending some hope. And yet, childhood obesity in the United States tripled in the last 20 years, affecting more than 12 million children, according to the Centers for Disease Control. Obesity remains one of the biggest health risks for both children and adults. Obese children are much more likely to turn into obese adults.

It's also not leveling off everywhere. In areas where residents live with poverty, the rates continue to climb.

In Weld County, where UNC's hometown Greeley sits, the rate increased by 16 percent between 2010 and 2013.

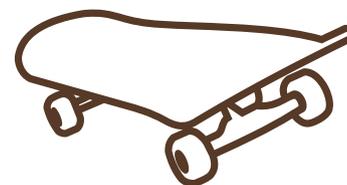
That rise called to Babkes Stellino, and it's why she and Christina Sinclair, a former UNC faculty member now at Stephen F. Austin State University, have studied ways to prevent it for the last decade. Though Babkes Stellino acknowledges that nutrition plays just as big a part, if not bigger, she agrees with experts that physical activity is crucial to preventing obesity. She also knows, both from personal and professional experiences, that kids aren't always motivated to be active.

There's evidence that giving the kids movement breaks, including recess, can improve test scores.

Through her research, Babkes Stellino hopes to find ways to get more kids motivated to, well, be kids. She wants more kids to play, and she's working with school districts to figure that out.

Getting the cooperation of those districts can take time. That's also why she — along with colleague Russell Carson (see "Making the case for schoolwide movement" on page 5) — are studying how physical activity can help boost academic performance. There's evidence that giving the kids movement breaks, including recess, can improve test scores, and that alone should prick the ears of administrators.

"School districts have taken so much movement out. Academic performance is valued as more important than physical activity, and that's counterintuitive," she says. "The two go together."



Mostly, though, when she's on school grounds, she wants to know what happens once kids head out for recess. Where do they play, and what equipment do they use when they do?

"Schools can then build around that," she says. "Physical playground equipment is expensive. Some, honestly, doesn't meet the kids' needs."

Motivation differs between boys and girls, and it changes as they get older, according to her research. Older children were more active than younger ones. Girls, she found, wanted to engage in physical activities they were good at, while boys were more motivated by engaging in their choice of activity.

And therein lies part of the problem: People are motivated by different things. When she asked children to draw themselves as they acted during free time, some related that time to competition while others focused on peer interaction, just like her own boys. That means programs designed to foster physical activity need to appeal to all types, addressing their needs to feel competent, autonomous and connected with other people.

Most existing programs for overweight children are highly regimented and fitness-based. They don't address any of these motivations to engage in physical activity. Those programs are too structured, and Babkes Stellino wants to find ways to combat that regimented thinking as well as obesity.

"How do we give them even more opportunity? And then, once they have it, how do they use it?" Babkes Stellino says.

The Stigma of Obesity

While Babkes Stellino may be trying to find ways to prevent obesity, Paul Klaczynski is studying how our perceptions of those who are obese, the way we stigmatize them, and our ideals of the perfect human, may be exacerbating the problem.

Even in younger kids, it appears that kids tend to dislike those who are obese, Klaczynski's found in several studies. More recently, he presented children with a series of beverages and told them that his company had adopted a new strategy for creating drinks: They employed children to

help them create the beverages.

Photos of the children who helped create the drinks were attached to the beverages. All beverages were flavored identically, and yet kids as young as six were more likely to dislike the beverages created by obese children. They even said they were more likely to get sick from products created by obese children.

Klaczynski did the same test in China with Chinese children, and the results mirrored those he recorded in the United States, showing that these stigmas exist across cultures.

That response is troubling, considering that the findings mean

UNC Grads Keeping Kids Moving in School

Two UNC graduates are among those who are working to increase physical activity and wellness in schools.

PAIGE JENNINGS (BA-99) is the physical activity and physical education coordinator in Colorado's St. Vrain Valley School District. She is currently coordinating a \$1.4 million Colorado Health Foundation grant to support the implementation of sustainable school-wide physical activity opportunities throughout the district.

CYRUS WEINBERGER (MA-99) is the founding principal of Red Hawk Elementary in Erie. Since Red Hawk opened in 2010, he's developed a rigorous academic program coupled with a comprehensive wellness program.



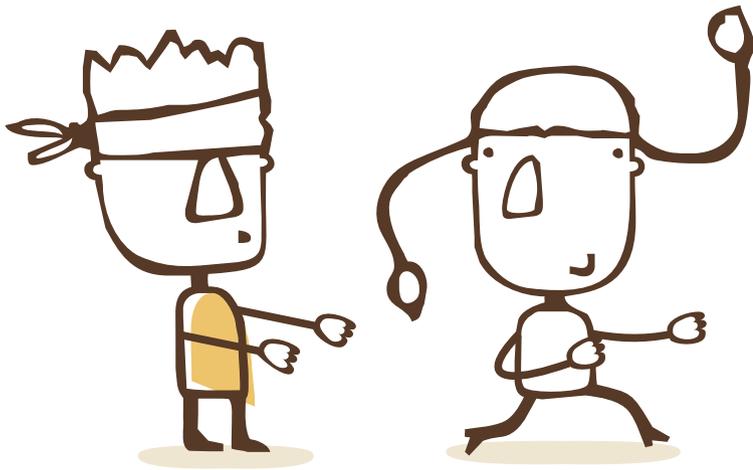
See Cyrus Weinberger's TEDx Talk video about his program that builds rigorous activity into each day on YouTube (keywords: "All School Movement Program").



obese children are more likely to be shunned, mistreated or even bullied by their peers, Klaczynski says. But it's also possible that those with obesity will stigmatize themselves, damaging what would already most likely be low self-esteem.

As a result, children battling obesity are far more likely to suffer from depression, which translates to a growing, significant segment of our population that may struggle with their education, their jobs and their health. An overweight kid with low self-esteem may be less inclined to participate in activities that improve fitness, which can contribute to weight gain as they age and health problems.

"Kids might give up on themselves," Klaczynski says. "Obesity is very complex, and there's no doubt that self-esteem would probably play a part in that."



Beautiful Movement

Providing kids with the opportunity — and motivation — to get fit is something Babkes Stellino is working to make happen. When she isn't studying her own kids in the backyard, on some mornings she's at Rolling Hills Elementary School in Aurora. In August she was awarded a grant to start a school mileage club — part of her "Building Our Kids' Success" (BOKS) Initiative. National grants from the Active Schools Acceleration Program, part of Michelle Obama's "Let's Move!" campaign addressing childhood obesity, will allow BOKS programming to be offered in Aurora and through other before-school programs, including one at Billie Martinez Elementary School in Greeley. She especially likes the club in Aurora because it's unstructured. That's why she winces when a guest calls it a "run club."

OK, so it resembles a run club. She acknowledges that. Kids get a tiger's paw, the school mascot, for a certain number of laps, and they can wear it around their neck. She's had more than 200 kids participate, and parents are not only helping her with it, they're participating.

The mileage club gives her some way to measure academic performance, as she can track the kids who participate. But mostly, the club helps give kids some time to be active, on their terms — exactly the kind of thing her research suggests more kids need. They have the choice to pile on some laps, but there are many others who use it to skip, jog or socialize. It gets them out there, active and ready for school. There are many kids, in other words, who wouldn't want to join a run club. They may even hate running, but they are out there doing laps their own way. Just the other day, she saw a group of fourth-grade boys walking and talking and socializing.

"There are kids who wouldn't want to run at all," she says, "but they are out there moving." That's why Babkes Stellino has another word for what those kids are doing.

She calls it beautiful. **UNC**

Tips for Parents

Wondering what you can do as a parent to keep your child active? Babkes Stellino offers some advice for encouraging kids without putting a damper on motivation:



SHOOT FOR 60

U.S. health experts recommend 60 minutes of daily physical activity for children. Kids can swim, play, walk, hike, jog, skip, run or play games. Try to keep them motivated by letting them choose what they want to do. Don't force it.



SET AN EXAMPLE

Children are more likely to be physically active when adults are supportive, encouraging and active themselves. Setting a good example will benefit you as well as them.



ENCOURAGE PLAY

Keep fun things around the house that encourage activity, like jump ropes, hula hoops and balls of all kinds.



LIMIT SCREEN TIME

Set a timer for electronics like televisions, computers and video games. While that alone doesn't necessarily mean your child will be more active, it's a good start.



INSTILL AWARENESS

Kids can't control how they perceive someone, such as a child who is obese, but they can control their actions. Train them to recognize their feelings and teach them that they don't have to act on them. This can help obese kids from feeling ostracized.



CURB THE DIET TALK

Kids pick up on your conversations. Stop talking about diets, overweight people and your desire to lose 10 pounds in front of the kids.

My Journey to NEPAL

By Meagan Cain

In the wake of shattering earthquakes and devastating chaos, I experienced glimmers of hope and healing.

Editor's Note:

When UNC's Colorado School of Public Health graduate student Meagan Cain heard about the April 25 earthquake in Nepal, she realized that it might mean some changes in her plans for Girls Moving Mountains, her health education and human-trafficking avoidance program for young girls living in the Kumari, a rural district in the center of the country. But Cain, whose degree emphasis is community health, didn't realize just how big the changes would be, or how her three-month experience in Nepal would change her. Here is her story, in her own words.

Since my return from Nepal in August, I've had a lot of people ask me how it went. It seems an easy enough question but the answer is far more complicated.

I'd been to Nepal before and had seen a side of this small Himalayan nation that tourists often miss. I spent the summer of 2014 setting up and running basic public health workshops for sexually-exploited women and children in Kathmandu.

That summer, I learned a lot about what people are capable of, from women who had been sold into prostitution by their husbands, to young girls who had been gang-raped by strangers. I witnessed horrendous human cruelty and depravity, but left Nepal inspired by the glimmers of hope and resilience these individuals exuded. It was an experience that left me raw and humbled and aching to do more with vulnerable women there.

It was from this yearning that "Girls Moving Mountains" emerged.





PHOTO BY CATE GREEN



PHOTO BY MUNA NEPALI

TOP LEFT: Meagan Cain shows the contents of some of the duffel bags filled with medical supplies that had to be marked as “personal baggage” to slip through a government supply blockade.

TOP RIGHT: Cain enjoys a break with some villagers during one of the several trips she made to deliver food, shelter materials and medical supplies to remote villages.

RIGHT: Cain and village youth in the Kumari district gathered at 5 a.m. daily to work on a community greenhouse.



PHOTO BY MEAGAN CAIN





ABOVE: Cain views some of the hundreds of buildings in rural Nepal that were damaged or destroyed by the 7.9 earthquake and its aftershocks.

The rural district of Kumari faces many challenges, including extreme poverty, disease, child marriage, lack of opportunity and human trafficking. Years ago, a group of trekkers aspired to help this somewhat hopeless situation by building the first medical clinic in the Kumari. They called their organization “Health & Ed 4 Nepal.”

The Sukoman Memorial Polyclinic was the first attempt at introducing Western medicine into a rural, tribal area of Nepal that had long been forgotten by its own government. With help from the clinic staff and the unwavering support of Health & Ed 4 Nepal, we laid the foundation for the women’s health program, and I booked my ticket into Kathmandu for mid-May 2015. It was almost a fairytale start.

Then, on April 25, a massive, 7.9 earthquake changed everything. Media images poured in showing collapsing buildings, frantic searches for survivors and once-beautiful temples reduced to rubble. The organization I’d worked with had its safe house for exploited children completely cracked and many of the women I had worked with—who were already on the fringes of society—simply disappeared.

The shock and indescribable sadness I experienced upon hearing the news and, often unsuccessfully, trying to contact survivors, reminded me in some ways of Sept. 11, 2001. Bad news continued to hit Health & Ed 4 Nepal like turbulent waves: the clinic was destroyed, there weren’t enough supplies, all schools had been destroyed, aftershocks continued to hit daily, no government help was coming, the village was completely exposed to the elements and freezing in the rain.

Within days of mass evacuations, the U.S. Department of State issued an official travel advisory for Nepal, urging all U.S. citizens to avoid travel there for at least the next six months. With my departure date just weeks away, Health & Ed 4 Nepal and I discussed canceling my proposed plans for a health program.

There were many concerns: unstable and crumbling buildings, outbreaks of cholera and other diseases, reports of rape, and rumors of civil unrest. The biggest scare was that a stronger quake was still to come. Given these very real concerns, it might have been smartest to

BELOW: Three months after the April 25 earthquake, a section of Kathmandu’s shopping district usually clogged with tourists is still a disaster zone, with residents burning insulation off electrical wire salvaged from destroyed buildings.



cancel my plans. However, there were still reasons to go. The village needed health information now more than ever and Health & Ed 4 Nepal needed a contact on the ground who could carry supplies past government seizures and report back on the situation.

Two days before I departed to Kathmandu, the second earthquake hit. The last time I talked to my family before boarding the plane, they told me that a U.S. military helicopter had been found with no survivors and it would be insane to get on the plane.

With four duffel bags filled with medical supplies (marked as personal baggage to slip by the Nepali government’s new blockade of supplies), plus a small tent and sleeping bag, I said goodbye to everything I’d known and stepped on board.

I arrived in Kathmandu on May 15. The descent into this Himalayan nation was starkly different than my previous trip. Tent cities littered the ground and the airport was almost empty, except for relief aircrafts and crates of emergency supplies that filled the tarmac.

My first obstacle was finding a place to stay in the city until I journeyed on to the Kumari. While most buildings still stood, many individuals had fled to the crowded IDP (Internally Displaced Persons) camps. These were set up around

Kathmandu because of the uncertainty over which buildings were deemed safe and which were at risk for collapse.

While I waited, there was a certain protocol for staying in Kathmandu that one quickly became accustomed to. At the onset of an aftershock — which usually occurred at the most inconvenient and unexpected of times, like in the middle of the night or upon stepping into a shower — your first option is to throw yourself into a doorway and hope the walls fall away from the frame. However, the best response is to bolt outside and continue to run until you've found open sky, at which point you roll into the classic fetal position. (Even after returning to Colorado, my heart still races to my throat when a door is slammed too hard or when someone running down the hallway causes small vibrations on the floor.)

The journey to the Kumari was its own adventure. Not long after I arrived, landslides and monsoonal rains washed away the only road to this remote area. Mosquitoes, intense heat, a roaming tiger, falling rocks and infections were just some of the everyday, “average” concerns.

My first weeks in the remote outpost were lonely and quiet, occasionally interrupted by a villager coming in for medical care. Even a month after the latest aftershock, villagers still came in with infected wounds, broken bones or other maladies allowed to worsen in the inhospitable environment.

There was the elderly man who had been buried under rubble for four days until he was able to dig himself out and limp the day's journey to the remains of the clinic; there was the woman who had miscarried from stress when the ground first shook; there was the young man who had severe gangrene spreading across his side because his wound had gone untreated and infected for weeks. And there was the young pregnant girl whose abdominal pains remained undiagnosed due to not having access to any ultrasound equipment. Every day in the village was a lesson in humanity and accepting the things that were beyond my abilities to help.

I struggled through landslides, constant aftershocks and a nagging doubt that maybe Nepal would never be whole again. One evening in Kathmandu, after staying out past dark, I was followed into an alley by two men on a motorbike. After ignoring their repeated attempts to engage my attention, they pulled in front of my path and shut the bike off. With only a small pocket knife held in front of me, I kept my voice steady while yelling Chiana! (No!) as loud as I could.

It was only when I pulled out my cellphone (with its long-dead battery), and feigned calling the police, that the two men left in search of an easier target. When I told my Nepali friend of the incident, she laughed, telling me that a group of men had recently accosted a landlord in the same alley and forcibly spread out his ring-laden fingers to be cut off with their knives.

Despite the constant threats that kept my heart racing, I had little victories that overshadowed even the worst of days. I participated in numerous relief supply distributions, most of

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It was an experience that left me raw and humbled and aching to do more with vulnerable women there.”

them led by women and girls. I traveled with a 12-year-old survivor of rape, who had been banished from her village for voicing the crime committed against her, to deliver the only aid to the very community that had shamed her. In Kathmandu, I distributed supplies to street-based sex workers and their children who were being re-victimized by the police and other agencies after the earthquakes. I helped pull a supply-laden truck through the muck to get to a cut-off village in the Everest District. And in the Kumari, the village youth and I got together daily at 5 a.m. to build a community greenhouse and to have open discussions about women's health.

It was challenging, heartbreaking, unpredictable and an incredible experience for anyone who has ever wondered how life continues in the most despairing of situations. When people ask me how my trip to Nepal was, I have learned to gauge my response depending on the situation and the person. When I first returned to Colorado in August, I would try to quickly blurt out the complexities of emotions I experienced — both good and sometimes very bad. However, as I told my story again and again, I began to notice that the unfortunate soul who had asked wasn't really looking for a long-winded, emotional novel. Answering about “Nepal” has become a lot like answering how your weekend went — keep it short and always end on a positive. So now I have learned to answer with a simple “Great,” and then we can move on.

A lot of people here in the United States who only watched the devastation unfold from a TV screen or a newspaper headline have very much moved on to the next story. And I cannot blame them. I take solace in knowing that even if my efforts were very small drops against a large ocean of despair, I have perhaps become more human through witnessing this struggle. Nepal taught me a lot about others, but it taught me even more about myself. I've learned that my story doesn't start, nor does it end, with an earthquake. It was one small journey Nepal allowed me to be part of. **UNC**

Update:

Shortly after she returned from Nepal, Cain received the Colorado Public Health Association's first-ever Student Award for Excellence in Public Health Practice at the group's annual conference in Vail. The award recognized her efforts in Nepal as well as her work with refugees in Greeley. For more photos and commentary from Cain, search Girls Moving Mountains on Facebook.



Why did you choose UNC for your undergraduate studies?

UNC was close to home. I coached high school and club soccer in Greeley while I was in school, so attending UNC allowed me to stay involved in my community.

What was your first position after college?
Management Trainee with Enterprise Rent-a-Car.

How do you describe your career path since graduation?

In a word, challenging. I more or less fell into my first position out of school but saw it for what it was, a great opportunity to learn, grow, and open new doors. Since then, I focused on and became a professional sales person, a career that I would never have pictured myself in coming out of school. It has not only been challenging to develop the skills and discipline necessary to be successful, but also to embrace that I was a natural fit for the role.

You studied education but are now in sales, how do you tie your UNC experience to your career?

I think my experience is a bit unique in that I went to school for a very specific career and did not end up following that path. The process of completing a program that I was no longer invested in was challenging, but the relationships I built with students from other programs, primarily in the business school, gave me the confidence that I would build a successful career in business regardless of my degree. While I did not become an educator, the experience of planning a semester's worth of content, preparing and speaking publicly everyday, and learning to work with various personalities have been the most valuable to my career.

Ten years out, where are you now?

I am currently an Employee Benefits Broker working with companies with up to 250 employees. My company, Zenefits, is a disruptive company in that we are changing what employers expect from their broker.

Our technology platform allows companies to more efficiently manage the entire employee experience from onboarding to termination and everything in between. With my background in mid market sales and account management, I was recruited into this role to help grow the company.

What is it like to work for a growing technology company?

Zenefits is the first company to integrate both a national brokerage and technology company. The marriage of these two core competencies coupled with the very dynamic health insurance industry have helped fuel our record setting growth. We have been able to deliver real HR solutions to companies with 2-1000 employees. Our technology platform has allowed companies to streamline and automate time consuming administrative tasks which has allowed them to focus on more strategic functions like recruiting and retention.

Our culture is very exciting and very challenging. I find myself constantly being challenged by my colleagues who are extremely intelligent and driven. Our CEO has certainly set the tone by being radically transparent and allowing an open dialogue among the team to foster ideas that will shape the company.

You reached out to help recruit UNC Bears to Zenefits, why should alumni encourage companies to hire other UNC Bears?

I don't know anyone who did not get or need a hand in progressing his or her career. The best way to continue that success is to help someone else on that same journey.

What advice do you give recent graduates who are exploring different career options?

Don't sell your experience short. Everyone has transferable skills, but it is up to you to understand what it will take to be successful and then redefine how you view your own abilities.

Since your career took you out of state, what advice do you give recent graduates considering jobs outside of Colorado?

Grow and lean on your network. Ask a million questions. Think in terms of three to five to 10 years. Take calculated risks and remember that fortune favors the bold.



TONY RANGEL (BA-05)

PHOTO BY TIM CHOW

Class Notes

 **Submit Class Notes online at unco.edu/uncmagazine**

 **On Twitter @UNCBearsAlumni to read more alumni news and notes**

50s

James Heddens (MA-55, EdD-60) Charlotte, N.C., has authored or coauthored 44 mathematics text books.

Professor Emeritus of Sociology and Kinesiology **George Sage** (BA-55, MA-57), Greeley, announced that his book *Sociology of North American Sport* is in its 10th edition. The book analyzes and demythologizes sport and promotes an understanding of how a sociological perspective differs from common-sense perceptions about sport and society and helps students understand sport in a new way. *Published June 2012, Oxford Press*

Robert Holdren Sr. (BA-57), Petaluma, Calif., penned under the name of Padric McDuffie, *Spud, Yesterday's Child*, a true story of a young boy who spent his first 17 years in foster homes or orphanages during the Depression and war years. *Published January 2015, Xilbris Publishing*

60s

Lyn (Lanum) Hoeben (BA-65) and her husband Wayne Hoeben, Longmont, celebrated their 50th wedding anniversary with an Alaskan cruise in July. Lyn retired as a school secretary from the St. Vrain Valley School District in 1992, and Wayne retired from the city of Longmont building department in 2004. They have two sons, six grandchildren and two great-grandchildren and enjoy camping and traveling.

Kenneth Mitchell (BA-65, MA-67), Cosmopolis, Wash., is retired. During his career, he taught at Colby Community College, Yakima Community College, St. Mary's of the Plains, Heritage Native American College and Harbor High School.

Sandy Whelchel (BA-66), Parker, has written *Check & Mate*, a thriller novel set in Denver. Sandy's other writings include *Hide & Seek*, *The National Writers Association Guide to Writing for Beginners*, seven nonfiction books, five children's coloring books and many published articles and short stories. *Published March 2015, National Writers Press*

Joe Treece (MA-68, PhD-71), Mesa, Ariz., assisted in the development of a computerized graduation

program for the Colorado Community Colleges and Occupational Education System. Joe was elected president of the Sunland Springs' Couples Golf Association in Mesa.

70s

Jean (Bentley) Revie (BA-70, MA-73), Chandler, Ariz., retired from South Mountain Community College in Phoenix as a biology professor.

Darrylann (Parker) Todd (BA-70), Chicago, was appointed as the Senior Director-Online Learning in the School of New Learning at DePaul University. Darrylann and her husband Dennis have three adult children.

Roger Brown (EdD-73) and **Betty (Burdorff) Brown** (BA-04, MA-08), Greeley, received the Partners of the Americas Boren Legacy Award in September at a conference in Portland, Oregon.

Lynnette Pfeiffer (BA-74, MA-77, EdS-00), Colorado Springs, a graduate from the first cohort in Colorado Springs, is resuming the presidency of the Colorado Society of School Psychologists for the 2015-2016 academic year. She has worked as a school psychologist since 2000 in District 11 in Colorado Springs, serving for a number of years as the department chair.

Katherine Archuleta (MA-76), Alexandria, Va., was awarded the Federico Peña Lifetime Achievement Award by the Colorado Latina Leadership, Advocacy and Research Organization (CLLARO). Katherine served as the 10th director of the U.S. Office of Personnel Management and in various other administrative posts within the state and federal government.

William Benson (BA-76), Sterling, compares and contrasts Roger Williams and Cotton Mather in the first of six volumes of *The Parallel Lives of the Noble American Religious Thinkers vs. Believers*. Bill taught history at the junior high and community college level and since 1992 has written a biweekly newspaper column that examines historical events and ideas. *Published 2014, Kindle edition only, Xilbris Publishing*

TONY RANGEL

Current City: Scottsdale, AZ

Hometown: Greeley, CO

UNC Major & Class Year:
BA – Secondary Education,
Social Sciences '05

George W. Hynd (EdD-76), Mount Pleasant, S.C., was inaugurated in April as Oakland University's sixth president. George has more than 40 years of higher education experience, including other leadership roles at Arizona State University, the College of Charleston (S.C.), the Medical College of Georgia, Northern Arizona University, Purdue University and the University of Georgia.

Janice Johnson (MA-76), Portland, Ore., wrote *Stumbling Aboard: A Reluctant First Mate Travels Through Twenty Countries* to document her adventures aboard a schooner that traveled from California through the Panama Canal, the northwest coast of Colombia and Eastern Caribbean to Florida. Janice writes middle-grade novels as J.J. Kay. *Published 2014, Amazon*

Deborah Coffin (BS-77, BA-87, MA-93), Erie, is vice chancellor for advancement at CU-Boulder. Deb previously served as CU's vice chancellor for student affairs, associate vice chancellor for student affairs and dean of students, assistant vice chancellor for student affairs and executive director of housing and dining services.

John Gregory (BA-77), Anamosa, Iowa, retired from Linnhaven Inc. after serving for three years as community representative payee. He was previously employed by Linn County Mental Health and Developmental Disability Services for 34 years as coordinator of client financial services. He and his wife Tracy plan to travel full time.

Jean McAllister (BA-78), Denver, is the Title IX coordinator at the University of Denver. Jean has more than 30 years of experience addressing

trauma and interpersonal violence and has worked across multiple statewide coalitions, law enforcement agencies, educational institutions and direct service agencies.

Mark Richards (MS-78), Oak Ridge, N.J., and his wife Kay are retired and enjoy traveling.

Anita Fleming-Rife (BA-79, MA-90) co-authored *Black Culture and Experience: Contemporary Issues*, an anthology addressing specific issues related to African American culture.

Glen Nardin (BM-79), Virginia Beach, Va., is retired. During his career he served as chief warrant officer 4, U.S. Army; commander and conductor, 1st Cavalry Division Band; and senior staff and faculty, Army School of Music. He and his wife Jill reside in the Tidewater, Va., region.

80s

David H. Goldberg (BA-80), Denver, was sworn in as a district court judge for the state of Colorado's Second Judicial District in July.

Gene Miller (MA-80), Sherman Oaks, Calif., co-authored *Unraveled—A Novel*. The book is about hope, baseball, sex and psychosis and is the story of an extraordinary college athlete whose perfect world begins to crumble as bizarre and potentially life-threatening events play out. Gene has spent two decades writing for television and *Unraveled* is his first novel. *Published May 2015, Manse Street Stories*

Kathleen (Macy) Cirbo (BS-81) and her husband Larry celebrated their 25th wedding anniversary in June. Kathleen works as a research associate at the Laboratory for Atmospheric and Space Physics at CU-Boulder.

Peter Lemon (MS-81), Colorado Springs, is one of 48 soldiers being honored on the 2015 Medal of Honor United States postage stamp sheets. Peter earned the prestigious Medal of Honor while serving as an assistant machine gunner during the Vietnam War. He was named one of UNC's Honored Alumni in 1998.

Kelly Johnson (BS-82), Parker, has joined Stanford Children's Health and Lucile Packard Children's Hospital as vice president for patient care services and chief nursing officer. She has more than 22 years of experience as a health care executive and chief nursing officer. Since 2008 Kelly served as the Dori Blester Chair in Pediatric Nursing and senior vice president and chief nursing officer at Children's Hospital of Colorado. She is a trustee for the University of Northern Colorado.

Connie (Wallace) Meek (MA-82, Henderson, Nev.), is retired after serving 25 years as a business education teacher in Pueblo and 14 years as a career and technical education administrator in Las Vegas.

Marysz (Palczewski) Rames (BS-82, MA-86), Brookings, S.D., was appointed president of Wayne State College by the Nebraska State College System in June. Marysz previously served in various roles at Dakota State University, South Dakota State University, Aims Community College in Greeley and the University of Wyoming. She and her husband Steven have two college-age children.

Brenda (Dennington) Rhodes (BA-82), Sterling, was named to the Colorado Association for Career and Technical Education Hall of Fame in July. Brenda is the department chair for Business and Cosmetology and business professor at Northeastern Junior College. She has been instrumental in career and technical education through her work as a high school educator and Future Business Leader of America sponsor as well as at the collegiate level in fostering relationships with area high school business programs.

Albert Thompson (EdD-82), Parker, received the American Association of Physics Teachers' 2015 Homer L. Dodge Citation for Distinguished Service. Albert has been actively involved in the Colorado-Wyoming section of AAPT and is the founding

Alumnus Helps Create Droid Toy from New *Star Wars* Movie

UNC alumnus Adam Wilson (BS-10), co-created a toy version of a droid from the new *Star Wars* that flew off store shelves when it debuted in September.

The smart phone-controlled toy is the work of Sphero, the Boulder-based company Wilson co-founded soon after he graduated from UNC. Wilson, who serves as the company's chief software architect, was part of a three-person team that produced a prototype of the toy in four hours after Walt Disney Co. CEO Bob Iger showed them production photos of a droid character named BB-8 that appears in *Star Wars: Episode VII -The Force Awakens*.

The toy is based on Sphero's trademark product line, a small, battery-powered robotic ball controlled by a smart phone app.

Wilson was profiled in the spring/summer *Northern Vision*.



coordinator of the eMentor program. He retired from Ponderosa High School (Parker) in 2001 as a physics, physical science, astronomy and global science teacher. He and his wife Maureen enjoy traveling to Bainbridge Island, Wash., and Riverside, Calif., to visit their two sons.

Neil Williams (BS-83), Jacksonville, Fla., is a published author, children's author, poet and former U.S. Air Force captain. His professional employee/student training course, Diversity Leadership for Highest Team Achievement, is highlighted on employeeuniversity.com.

90s

Robyn (Bradsby) Roberts (BA-90), Omaha, Neb., received the 2015 Essential Piece Award from the Autism Society of Nebraska for her years of service in coordinating the largest fundraiser for the organization and for her service on the board of directors.

Jennifer Baublits (BAE-91), Florissant, graduated from Creighton University with a doctorate of education in interdisciplinary leadership studies.

Todd Garelick (BA-91) Tucson, Ariz., is principal of Mountain View High School in Tucson. After 15 years teaching high school economics, government, law enforcement, and coaching soccer, in 2007 Todd began his administrative career as assistant principal and athletic director at Ruidoso High School in New Mexico.

Forrest Swick (BS-91), Evans, was recognized for 20 years of service to UNC and named Classified Employee of the Year. Forrest earned Certified Information Systems Security Professional (CISSP) certification and celebrated his 10,000th day being married to Kelly (Strait) (BA-90).

Jalyn Webb (BA-92), Loveland, is managing director at Midtown Arts Center in Fort Collins. A 20-year performer and vocal coach, Jalyn has appeared on stage at Midtown as well as Union Colony Dinner Theatre, Little Theatre of the Rockies, Greeley Stampede Troupe, Greeley Philharmonic and Starkey Theatrical. She previously worked as a sales consultant for Vera Bradley and district manager for Brighton Collectibles.

Greg Cheek (MA-93) wrote *Three Points of Contact* about his journey from homeless teen through a stage III cancer diagnosis to help readers on any path to manage and conquer life's obstacles. Published July 2015, *Create Space*

'06 Grad Aaron Young Becomes 25th UNC Alum to Bask in the Bright Lights of Broadway

Aaron Young, a 2006 graduate of UNC's Musical Theatre program, is playing the role of Sasha in a Broadway revival of the classic musical "Fiddler on the Roof" that opened Nov. 12 in the Broadway Theatre.

Although it's Young's first role on the Great White Way, he's performed in numerous regional theater productions throughout the United States, including UNC's Little Theatre of the Rockies. He's also performed and traveled with two different professional singing groups: "The Unexpected Boys" and "Who Loves You? A Musical Tribute to Frankie Valli and the Four Seasons."

Young is the 25th UNC alumnus to appear in a Broadway play in the past 25 years.

➤ To see the list of the 25 and the 53 productions they've appeared in, go to unco.edu/news/?8321.



Mike Kuczala (MME-93), Wyomissing, Pa., published his second book, *Training in Motion: How to Use Movement to Create Engaging and Effective Learning*. The book is for corporate trainers and explains how movement enhances learning and introduces a unique and effective way to energize an audience and increase retention through simple body-focused techniques. Published June 2015, *AMACOM*

Tracey Bean (BA-97), Fort Collins, teaches at Poudre (Fort Collins) School District and attended Honeywell Space Educator camp in Alabama in June. To learn about her experience, go to her blog traceyteacher.weebly.com.

Amy Bulger (BA-98), Stevensville, Mont., is assistant editor of *Bugle* magazine, the publication of the Rocky Mountain Elk Foundation in Missoula, Montana. Amy previously served as a writer and editor for Colorado Parks and Wildlife.

Kevin Wright (BA-98), Alamosa, wrote *Search and Rescue in Colorado's Sangre de Cristos*, to share information that could help "peak baggers" reduce their risk in the Sangres, educate the public about about the realities faced by small, rural mountain SAR teams and to entertain anyone curious about true first responder stories. Kevin is the former president, lead trainer and field team lead of the Alamosa Volunteer Search and Rescue team. Published November 2015, *Johnson Books*

Michelle Johnstone (MA-99, EdD-10), is the superintendent of schools for Dallas (Oregon) School District. She previously served as superintendent at Brush School District and as an elementary principal at St. Vrain (Longmont)

School District and Greeley-Evans School District 6.

00s

Eric Fraass (MA-01), Las Cruces, N.M., is principal at Mayfield High School in Las Cruces. Eric previously served as director and assistant director of LCPS Human Resources, assistant principal at Highland Elementary and a teacher at Jornada Elementary and East Picacho Elementary schools.

Ronald Bakari (PhD-00), West Des Moines, Iowa, received the International Education Administrators Fulbright Award in 2013.

Stephanie Coon (BA-01), Greenbelt, Md., is the public liaison for the National Declassification Center.

Kurt Gartner (DA-01), Manhattan, Kan., is the interim director of Kansas State University's School of Music, Theatre and Dance. He has served as associate director since the school was established in 2012, overseeing the music program. Kurt teaches applied percussion and percussion methods and directs the percussion ensemble, keyboard percussion quartets and the Latin Jazz Ensemble. Prior to joining the K-State music faculty in 1999, he served as associate professor of bands at Purdue University.

Chad McEvoy (EdD-02), Syracuse, N.Y., is the chair of the Department of Kinesiology and Physical Education at Northern Illinois University. Chad previously served as professor of sport management and graduate program in

the Department of Sport Management at Syracuse University's David B. Falk College of Sport and Human Dynamics.

Kaylene Elliott (BS-04) Dundee, Mich., earned professional certification in the field of correctional health care in July. Through the United States Public Health Services, Kaylene is detailed to the Federal Correctional Institution in Milan, Michigan, working as the Quality Improvement/ Infection Prevention and Control nurse.

Thomas DeCesaro (BS-06), Pueblo, serves the city of Pueblo as a police officer and earned the Medal of Valor in 2012.

Catie Stibel (BS-07), Great Falls, Mont., has joined the Community Medical Center (Missoula) outpatient therapy department as a pediatric speech-language pathologist. Catie has a master's degree from Idaho State University and completed her clinical fellowship in southern California. She has worked with birth through geriatric populations, specializing in dysphagia, cognition, voice and communication.

Tim Cullen (MS-08), Golden, is the co-owner and CEO of Colorado Harvest Company, a medicinal and recreational marijuana firm with three stores in Denver and Aurora.

Megan Beckmann (BS-09, MS-12), Greeley, is a nurse practitioner with UCHHealth Urgent Care in Greeley. Megan is board certified in family medicine and cardiac medicine.

Mary Hart (BS-09), Maud, Texas, is taking a break from her career to help her husband who has health complications due to chemical exposure while serving as a Marine in the Gulf War.

10s

Cody Havard (PhD-11), Collierville, Tenn., was named the 2015 Emerging Scholar in Sports Marketing by the Sports and Special Event Marketing Special Interest Group (SIG) of the American Marketing Association for his research on how rivalry impacts sport fans. Cody has developed the Sport Rivalry Fan Perception Scale (SRFPS) to measure fan perceptions of rival teams, and Glory Out of Reflected Failure (GORFing) to describe the joy fans get when their rival loses to someone other than their favorite team.

Brienna (Vicek) Rogers (BA-11) and James Rogers (BA-07), State College, Pa., both earned master's degrees in Theatre Design and Technology from Penn State in August. James won the 2015 national award for theatre technology at the USITT Conference in Cincinnati.

Sarah Farrell (BA-12), Colorado Springs, is serving an 11-month term as a Team Leader in FEMA Corps. Based in the Pacific Region campus in Sacramento, Calif., Sarah completed eight weeks of specialized training and will serve on disaster site projects throughout the United States.

Daniel Bazemore (BS-15), Colorado Springs, was commissioned in December by the Air Force ROTC as a second lieutenant in the United States Air Force.

Amanda Cunningham (BS-15), Loveland, hiked the 2,160 mile Appalachian Trail. Inspired by patients at Rocky Mountain Cancer Rehabilitation Center, where she worked as an intern, she traveled the trail by herself in 98 days. Amanda is working as a caregiver for an ALS patient and coaching Girls on the Run.

Stephanie Hines (BS-15), Greeley, was commissioned in May by the Air Force ROTC as a second lieutenant in the United States Air Force.

Allyson Snyder (BA-15), Thornton, was commissioned in May by the Air Force ROTC as a second lieutenant in the United States Air Force.

Calvin Webster (BS-15), Greeley, was named to the Aims Community College Foundation board of directors. He is director of marketing/business development for Northern Colorado Credit Union.

The following alumni of the School of Theatre Arts and Dance advanced their careers by being cast in productions, hired for technical or teaching positions or earning awards from April through October 2015.

Beth Malone (BA-96) returned to Broadway in April in *Fun Home* and was nominated for a Tony Award for Best Actress. She also performed on the Tony's telecast on June 7.

Ryan Grassmeyer (BA-06) filmed another guest starring role on the Nickelodeon TV series *Henry Danger* and booked a guest star role on Will Arnett's Netflix series *Flaked*.

Mailbag

Twenty-two years ago, as a student in the College of Performing and Visual Arts, I thought little about my future beyond UNC. There was a job lined up with the Denver Center for the Performing Arts as a sound designer but, through a series of events, I was hired at Slaterpaul Architects instead. I eventually became a licensed architect in Colorado, which brought me back to UNC 13 years later as the project architect for the Carter Hall window replacement project.

Despite modifications to Carter Hall over the years, the windows had never been replaced. They were well beyond their expected life, exhibiting signs of deterioration as well as lacking energy efficiency. University leadership takes the treatment of the oldest building on campus seriously. Enter Slaterpaul | Hord Coplan Macht of Denver. The company researched replacement windows that wouldn't change the building's exterior appearance. One of the most noticeable changes to the building can be seen while walking along Cranford Park as those in the building regularly open the new windows to allow in the fresh Greeley air.

It is with a great sense of pride that I was able to touch in a very small way the campus that provided me with an educational basis for my life's experience.

—Chris "Toph" Skulley (BA-93), Denver

 To read more and to see a photo of Carter Hall with its new windows, visit unco.edu/uncomagazine

Jason Watson (BA-97) joined the Broadway cast of the long-running hit musical *Mama Mia* on April 6.

Jake Corcoran (BA-15) has been cast in the national touring production of *Bullets Over Broadway*. The show is set to tour to the Lincoln Center in Fort Collins this season.

Nikki Tomlinson (BA-02) has a recurring guest star role on the new NBC series *Game of Silence*.

Anthony Reimer (BA-05) filmed a guest star role on NBC's TV series *The Blacklist*.

Steve Hornbrook (BA-78) Reno, Nev., completed a production of *Damn Yankees* with the Atlanta Lyric Theatre. This was Steve's eighth production with The Lyric and the 125th Equity production of his career.

In Memory

1930s

Ruth (Gunderson) Latham (LC-35, BA-36)
Dorothy M. Johnson (LC-37, BA-40)

1940s

Albert H. Harbaugh (BA-40)
Kenneth S. Rice (AB-42)
Marjorie L. Christiansen (BA-43)
Charlotte (Akey) Whittenburg (BA-44)
Helen (Kirk) Hopper (BA-45)
Joseph R. Klune (BA-47, MA-55)
Claude J. Laughlin (AB-48, MA-48)
Richard G. Longenecker (MA-49)
James P. Miller (BA-49, MA-54)
Margarete Schuette (MA-49)

1950s

Charles W. Holmes (BA-50, MA-64)
Joy E. Kinney (BA-50)
Arnold V. Kinsey (BA-50)
Eula M. Stovall (BA-50)
Donald Carlisle (BA-51)
Eugene A. Diggs (BA-51, EdD-63)
Richard B. Kenagy (BA-51, MA-57)
Dorothy A. Miller (BS-51)
Betty J. Wilkinson (BA-51, MA-68)
Mary E. Breidenbach (BA-52)
Betty (Riley) Kugler (MA-52)
D. Rea Scudder (AB-52, MA-62, EdS-66)
Kenneth R. Muske (MA-53)
William D. Umstattd (MA-55)
Alton B. Barbour (BA-56)
Mary (Benke) Chrisman (BA-56)
Shirley (Smith) Bowser (BA-57)
Robert E. Estu (BA-56, MA-57)
Reuben "Art" Giesick (BA-56)
Charles L. Greenly (BA-56, MA-57)
Ruth (Nelson) Ledall (BA-56)
Rodney M. Borstad (BA-58, EdD-61)

Marilyn Goeldner (MA-58)
Philip M. Hibbard (MA-58)
Betty McWilliams (BA-58, BS-89)
Maile Sagen (BA-58)
Shirley (Christian) King (BA-59)
Joel D. Peck (BA-59)
Gordon B. Scheele (BA-59, MA-60)

1960s

Nellie M. Denning (BA-60, MA-67)
Barbara A. Hathaway (BA-60, MA-63)
John E. Hennessy Jr. (BA-60)
James W. Irons (MA-60)
David C. Rasmussen (MA-60)
Robert F. Wilkens (MA-60, EdD-68)
Elyse (Deffke) Bliss (MA-61)
Jerry W. Dedon (BA-61, MA-65)
M. Orville Johnson (EdD-61)
Arthur G. Margheim (MA-61)
Guy L. Ready (BA-61)
Julianne Westfall (BA-61)
Joe C. Bullard (MA-63)
Lorna R. Kerschner (BA-63)
Georgeann Law (BA-63)
Ralph H. Mann (BA-63)
Ann Boyum (BA-64)
Ruth E. Grasmick (MA-64)
Sandra K. Pence (BA-64, MA-65)
Nancy (Parker) Abrahams (BA-65)
William "Dub" Findley (MA-65, EdD-67)
Barbara A. Kusulas (BA-65)
Louis E. Smith (EdD-65)
Andrew J. Whelchel (BA-65)
Warrack Willson (BA-65)
Julie (Pivonka) Chiniquy (BA-66)
Grace J. Cole (BA-66)
Bill D. Hircok (MA-66)
William F. O'Zee (EdD-66)
Ronald E. Prascher (MA-66, EdD-75)
Donna F. Saltzman (BA-67, MM-78)
Susan K. Tindall (BA-67)



Ah, Well I Remember...

BRU-INN MEMORIES

It was just a small building, attached to a larger building, where you could meet for a cup of sludge coffee or a Coke or even a meal, if you had enough money to pay for a burger or hot dog. From 1916 to 1972 it was the social center of campus. "Meet you at The Bru" were the code words of the day. We'd meet there after class, or usually in the evenings to, in those days, play cards. It's where I learned to play "Hearts." Sometimes, if we had a major inconvenience, like a class, we would leave, then return later and pick up our place in the game like we'd never left. It seemed to continue - that one game of Hearts - through my years at CSC.

—Mike Peters (BA-68)

There would be a special crowd in the morning to coordinate with your morning classes. There would be another crowd at lunch and afternoon. You tried to circulate around the Inn and say "Hi" to everyone. It was the place to meet friends, make new friends, and get in on the latest gossip and buzz going on on Campus.

—Carolyn White Wallisch, (BA-61, MA-65)

Bru-Inn: Just recalling the name evokes so many memories. "I'll meet you at Bru before the test and we can cram for an hour. Or, after the test and we can cry together and compare answers." Best of all was the information that was passed along: "so-and-so" usually comes to Bru after fourth periods on Monday and Wednesday. What a "surprise" it was to run into him!

—Patty Ahern Beaver, (BA-64)

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Louis K. Bodecker (EdD-68)
 Louis C. Eberhard (MS-68)
 Nancy J. Mock (MA-68)
 Melville W. Loewen (MA-69)

1970s

Charles A. Becker (MA-70)
 Donna L. Chadd (BA-70)
 Anthony J. DeNovellis (BA-70)
 Gary D. Peterson (MA-70)
 Jared L. Rosburg (BA-70, MA-71)
 Martin L. Johnson (BS-71)
 William H. Stempson (BS-71)
 Judith B. Dean (MA-72)
 John V. Dunado (BA-72, MA-73)
 Mary T. Held (BA-72)
 Janice (Bruntz) Christie (BA-73, MA-79)
 Larry "Doug" Premer (BA-73, MA-77)
 Vicki L. Heisler (BA-74)
 Randy W. May (BA-74)
 Virginia C. Swanson (MA-74)
 Raymond D. Bennett (MA-75)
 Mary B. Kite (MA-75)
 Mary L. McNeill (MA-75)
 Ruth H. Ross (MA-76)
 Dudley W. Smith (EdD-76)
 James S. Craig (MA-77)
 Frederick H. Wagner IV (MS-77)
 James E. "Ted" Harrigan (BA-78)
 Charlotte McBride (BA-78)
 Dale W. Mathias (MA-78)

1980s

Mickey Cook (BA-80)
 Charles M. Levan (MA-80)
 Karen L. Pelzer (BA-80)
 William A. Semper (MA-80)
 Robert Garber (MA-81)
 Charles M. Lewis (MA-81)
 William R. O'Neil (MA-81)
 E. James Quigley (EdD-81)
 Jon F. Thomass (BA-81)
 Kenneth T. Cartmell (BS-82)
 Melissa (Wood) Hunt (BA-82, MA-86)
 Ronald E. Miller (EdD-84)
 Judith A. Stock (PhD-84)
 William M. Berens (MS-85)
 Joan (Sword) Beemer (BAE-86)
 Judith (Martin) Steward (BS-86)
 Paul Schuette (BS-89)

1990s

Lillian E. Wade (MA-94)
 Steven N. Haun (MM-97)

2000s

Kristin E. McLain (BS-00)
 Dorothy A. Wheeler (MA-03)
 Kimberly W. Bellingrath (MA-05)
 Deidre (Strauch) Vickers (BS-05)
 Nathan F. Fehl (BA-06)
 Mark C. Avery (BS-08)
 Matthew M. Sotelo (BS-09)

TRIBUTES

Oliver "Bud" Kolstoe, former UNC faculty member, passed away in April. A veteran of the 8th Air Force during World War II, Bud was recognized for many successful bombing missions, and for his valor and service. During his 19 years at UNC, he served as the chairman of the Department of Special Education and as acting dean of the College of Education. Bud wrote several textbooks and co-authored many others, and he lectured in the U.S. and abroad. He was appointed to the National Advisory Council on Vocational Education and was named Scholar of the Year at UNC. Emeritus faculty status was granted in 1984.

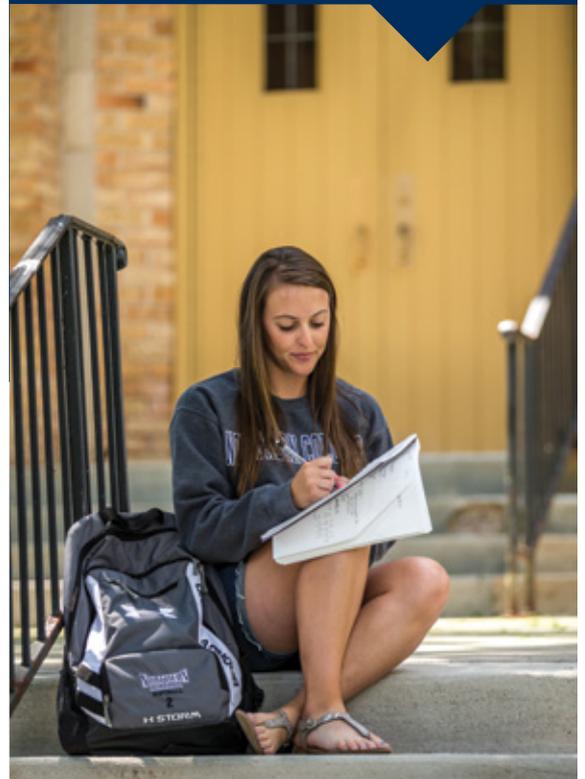
George Fay, former UNC professor of anthropology, passed away in January. He graduated from Joplin Junior College, University of Missouri, University of Michigan and University of New Mexico, and was a proud band member at the University of Missouri and the University of Michigan. George taught at Southern State University (Arkansas), University of Wisconsin-Oshkosh and at UNC beginning in 1966. Emeritus Faculty status was granted in 1982.

Gordon Sawatzky, former professor of psychiatric nursing at UNC, passed away in April. He received his nursing education at Yale University and the University of Colorado. He taught at CU for two years and at UNC for 20 years, retiring as emeritus professor in 1985. George participated in the Retired Senior Volunteer Program, served on the boards of the Greeley Transitional House and the Weld County Food Bank and was a member of the Colorado Nurses Association and the National League for Nursing.

Rex R. Schweers Jr. (BA-55, MA-60), former professor of mathematics at UNC, passed away in May. Rex was an instructor and mission pilot in the U.S. Air Force from 1955-1959 and served in the Air Force reserves. He continued to remain active in AFROTC and led and participated in a number of reunions over the years. He began teaching in the mathematics department at UNC in 1960 and retired as Professor Emeritus in 1994. Memorial contributions may be directed to the UNC Foundation for the Schweers Family Memorial Award for mathematics student scholarships.

Lloyd A. Norton (BA-59, MA-63), passed away in May. Lloyd was hired as a speech and theater instructor at UNC in 1963. He

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developed the See Saw Theater for the deaf at UNC and also started and was the director of Experimental Theater at UNC, which led to the small theater at Gray Hall being named Norton Theatre in his honor. Lloyd was a member of Alpha Psi Omega and the American Association of Community Theater. He directed nearly 200 shows at UNC and retired as Professor Emeritus in 1995.

Don Brown, UNC professor from 1969-1985, passed away in September. Don also taught high school in Oregon and California and was a professor at the State University of New York and Biola University. Following retirement he opened a reading clinic to help adults and children with disabilities learn to read and write.



Last Look

PHOTO BY WOODY MYERS

The UNC landscape from classrooms to the world beyond.

THE PLOT THICKENS

UNC and Greeley have grown together, a community and a campus integrally linked. Dig into the past of one, and you'll likely find the other. That shared history is embodied (so to speak) in Greeley's Linn Grove Cemetery. The city's original cemetery was on Inspiration Point, which is where the University Center is located. The bodies first buried there were moved to Linn Grove (a few blocks east of campus) in 1882. At least (the story goes) the city said they were pretty sure they found all of the bodies buried on the hill. Though they've moved the graves, the connection to UNC remains (sorry) through many who were buried there, including:

JARED BRUSH: Instrumental in securing the State Normal School in Greeley, Brush came to Colorado in 1859 for the gold rush, but eventually settled with his brothers to farm land near present-day Johnstown. After one of his brothers was killed by Indians, the other brother bought Jared out. He became a state legislator and lieutenant governor under two governors. Brush, Colorado bears his name.

LORETTA CHAPPELOW: A graduate of Colorado State College of Education, Chappelow taught in the Greeley-Evans School district for 46 years before she retired. Chappelow School in Evans is named after her.

PATRICK HAGGERTY: Haggerty was born in Denver and played basketball and baseball for the Bears in the 1940s and early 50s. He played baseball for the Detroit Tigers before teaching and coaching in Denver. He refereed for the NFL from 1965 to 1992, officiating in three Super Bowls. He's in the Colorado Sports Hall of Fame and was nominated for the NFL Hall of Fame.

EDITH HEATH: A graduate of Colorado State Normal School, Heath came to Greeley as a child in 1880. She was a teacher for 43 years, and Greeley's Heath Middle School bears her name.

J.M.B. PETRIKIN: A president of Greeley's First National Bank, Petrikin owned Inspiration Point where the University Center now stands.

RICHARD MONFORT: The older brother of Ken Monfort, namesake of UNC's College of Business, Richard was a navigator on a bomber in World War II. He was killed in action when his plane was shot down in 1944, and was buried in a French cemetery among thousands of graves. After the war, his family tried unsuccessfully to bring Richard's body home. In 1948, Kenny, then 20, flew to France with his roommate (the future governor of Colorado, Roy Romer). After bicycling through the graveyard for 15 minutes, they found Richard's grave. Richard's body was flown back to America, where he was buried at Linn Grove in the family plot. Colorado Rockies

co-owner and UNC graduate Dick Monfort was named after Richard.

ZACHARIAH XENOPHON SNYDER: The president of the State Normal School, now UNC, from 1891-1915. Snyder was a strong supporter of O.T. Jackson in starting Dearfield, the African American colony east of Kersey. He's the only former UNC president who doesn't have a building named for him, though his wife Maggie does. She was well-known by students, and Snyder Hall was named for her.

OLIVER TROXEL: A Professor of School Administration and also an administrator at UNC for 29 years, Troxel formulated athletic policies that many schools and colleges adopted.

—Mike Peters



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1620 Reservoir Road
Greeley, CO 80631-6900

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