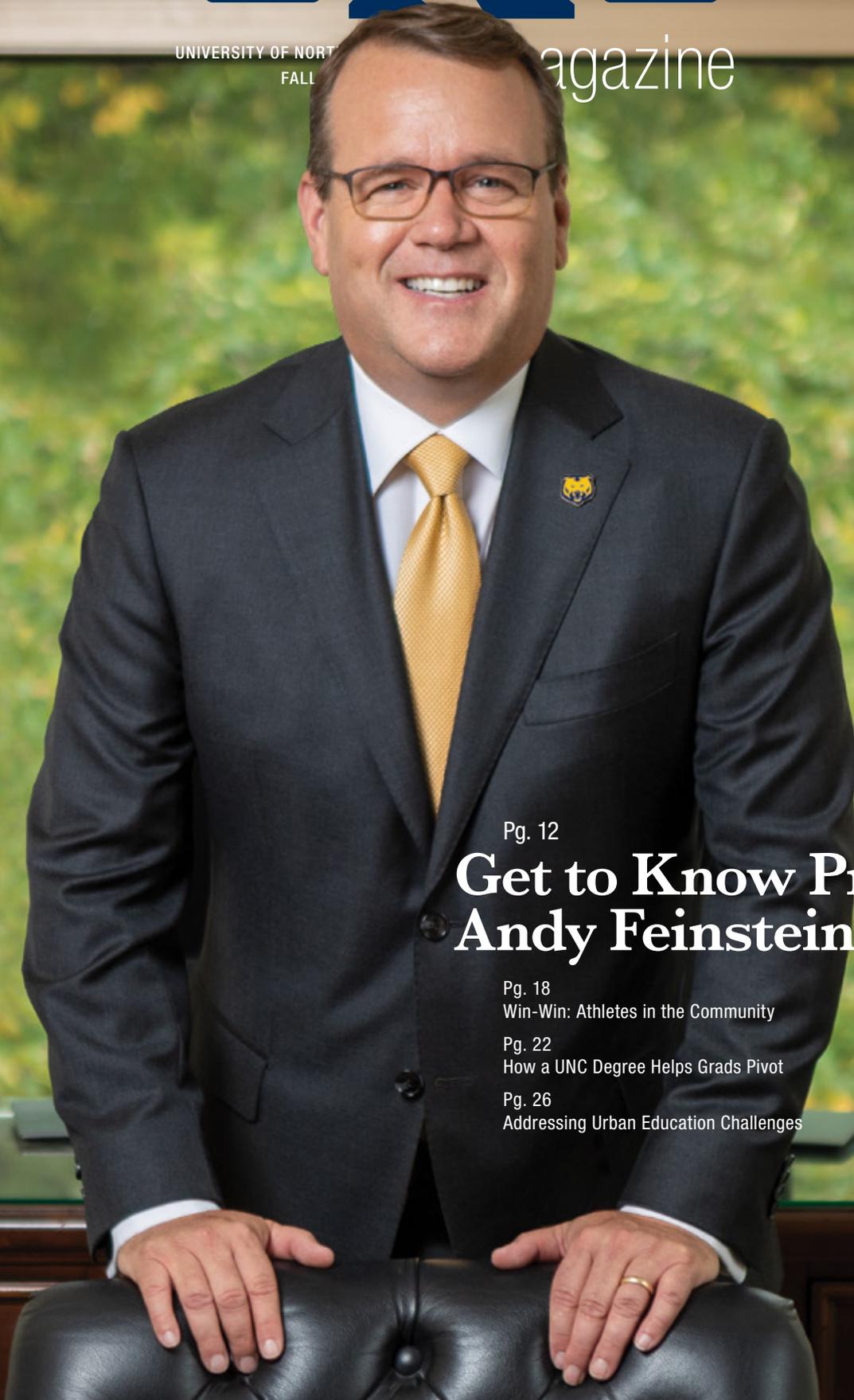


# UNC

UNIVERSITY OF NORTH  
FALL

Magazine



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# The View from Here

## EYE-TO-EYE WITH A CYCLOPS

Kelley Hema, freshman Environmental Earth Sciences major, peers into a slightly cloudy water sample, keeping an eye out for Cyclops copepods collected from a plankton tow on Carter Lake southwest of Loveland, Colo. The appropriately named zooplankton have one red eye spot. Hema and nine other students joined Professor of Earth Sciences Bill Hoyt and Associate Professor of Earth Sciences Joe Elkins at the lake as part of OCN 301, Physical and Chemical Oceanography. They worked together to come up

with different properties to measure and investigate, gathering water and sediment samples at varying depths.

“The purpose of the class is to give students hands-on experience investigating water quality and other water properties in the lakes and reservoirs of Colorado,” says Hoyt. “The projects and concepts in class and lab settings consider physical, chemical, geological and biological properties of lakes. Many of those processes and all of the equipment and measurements are the same as we would do in the ocean.”



**KELLEY HEMA**, Freshman,  
Environmental Earth Sciences

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UNC students in the Top Hop program worked with Jeff Crabtree, '05, of Crabtree Brewing in Greeley to develop beer from concept to market.

PHOTO BY WOODY MYERS

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### ON THE COVER

In his first six months as UNC's 13th president, Andy Feinstein traveled more than 1,200 miles to meet alumni and friends through Colorado and held multiple small-group gatherings with students, faculty and staff.

PHOTO BY WOODY MYERS

## Editor's Note

**⚠️ SETTING THE RECORD STRAIGHT**  
The Spring/Summer 2018 issue of *UNC Magazine* featured the class "Teaching Diverse Populations" on the back cover but listed the wrong professor as leading the class. The professor who teaches the course is Scott Douglas, Ph.D., who was also featured in the Spring/Summer 2016 issue of *UNC Magazine* in the article "Olympic Mettle." The editors apologize for the error.



**ANDREA ALT**, UNC Doctoral Student and Graduate Assistant, Mathematical Sciences

# I'm a Bear

## IN THE TOP 20 AT THE BOSTON MARATHON

**When I was 10, I signed up for the mile** during field day at my school because no one else wanted to do it. My mother asked, "Andrea, you know that's *four* laps around the track, right?" But I ran it anyway and won it. I even beat all the guys. I was in love from that day forward.

**I ran cross country on a scholarship for Bowling Green State University.** Eventually I came to UNC to work on a doctorate, and decided I wanted to run the marathon. So now I have two goals in life: I want to be a math professor, and I want to qualify for the Olympic trials in the marathon.

**The marathon was the next step for me.** I'd run many short, competitive races in my life. I like the challenge. The marathon is the divide between the really devoted runners and everyone else.

**In my first marathon, I struggled after mile 20,** like most people in that race, but I qualified for the Boston Marathon. The Boston *fraking* Marathon. Even when I was running all those short races in college, I'd dreamed of running Boston.

**Weather conditions in Boston were maybe the worst they'd ever been.** It was April 16, pouring rain, 30 mph winds, and 35 degrees. Race officials worried about people getting hypothermia. But I was used to running in gray falls and winters in Ohio, where I grew up, and I trained in Greeley all winter, where most mornings it's 20 degrees. I was surprised by how good I felt. I ran 2:50, my best time by eight minutes, and was the 17th woman across the finish line.

**I was only 13 seconds behind Molly Huddle.** She holds the American record in the 5K. The weather was the great equalizer — it really came down to who was mentally tough and willing to run, really run, in those conditions, and who felt good enough in that weather to do it.

**With Boston behind me, I ran the Chicago Marathon in October.** I hoped to run 2:44 to qualify for the Olympic trials, but missed it by just two minutes.

**I don't have a coach, and I don't really follow a training plan.** I just put one together based on all my experience in competitive running. It gives me flexibility that way. If I'm out for a run and I'm not feeling it, I will stop and try again the next day.

**The most challenging part about the training is the time commitment it requires:** two hours a day, and on the weekend it's longer than that. It's honestly my free time because I have school and teaching. It doesn't sound fun, but in some crazy way, I find it enjoyable.

**I'll sometimes put off grading or homework and go for a long run.** It's a quiet place to think about what's going on in my life. I run by myself. It's a lot of solo time. I joke and say my therapist is my pair of shoes.

**I just feel a sense of accomplishment after all my runs.** It means I've worked for the day. It's a stress reliever for me. When I'm at the good points of my run, there are times when I think I could do this all day long.

—As told to Dan England



## FIGHT CAPTAIN TEACHES UNC THESPIANS HOW TO FIGHT ON STAGE

UNC student Harper Guagliardo (left) taught other students how to fight on stage for the production *She Kills Monsters*, which was UNC's opening theater production of the fall 2018 semester. She received training from professional fight director Ava Kostia (right), who specializes in teaching others about stage combat. Guagliardo also codirected Greeley Central in that school's own production of *She Kills Monsters* in November.

## SOTO TAKES LEADERSHIP POSITION AT MATHEMATICAL ASSOCIATION

UNC Professor Hortensia (Tensia) Soto, Ph.D., took office in August 2018 as the associate secretary of the Mathematical Association of America, the world's largest community of mathematicians, students and enthusiasts. She'll lead two national meetings of the association each year. "My goal is to continue to bring new, inclusive and thought-provoking programming to the MAA's meetings," she said. Her first meeting as MAA associate secretary will be the Joint Mathematics Meetings from Jan. 16-19 in Baltimore.

## UNC PROFESSOR SELECTED FOR ANTARCTIC EXPEDITION

A global initiative called Homeward Bound has selected Professor of Meteorology Cindy Shellito, Ph.D., to join an international group of 80 female scientists on a three-week expedition to the Antarctic Peninsula. The expedition, departing

from Ushuaia, Argentina, on Dec. 31, aims to elevate the status of women in science and empower them to take a leadership role in issues related to climate change and sustainability. Shellito has studied climate change for nearly 25 years. "Warming is not a new thing for the earth," she said. "But it is new for us. We evolved, and our civilizations evolved, in some of the coolest climates of the past 65 million years. And now, our activities are warming the Earth at a rate that is much faster than anything we've seen in the geologic record."

## UNC STUDENT WINS BIG ON THE "PRICE IS RIGHT"

Senior Zack Arnegard received a nice payday in July after he appeared on an episode of the "Price is Right" in early June. Arnegard played the popular game Plinko and won \$11,000. He said he used the money to pay down his student debt and help cover the cost of completing his degree in Sports Coaching. "I grew up watching the show with my family, so to be a contestant was really a great experience," he said. Arnegard competed on the show during a spring break mission trip to Los Angeles.

*News Briefs cont. page 4*

# Funding Important Work

## UNC RECEIVES GRANTS TO ADDRESS TEACHER SHORTAGE

The Colorado Department of Higher Education has awarded nearly \$2 million to 17 collaborative projects throughout Colorado to recruit and retain more educators as part of the Plan Into Action Grant established earlier this year. Two programs at UNC were awarded two separate grants by the CDHE to address teacher shortages: The Center for Urban Education (CUE) Lowry Campus received a \$125,000 grant known as the "Growing Our Own for Urban Classrooms: The Paraprofessional-to-Teachers Pipeline" project to recruit, develop and retain a diverse teacher corps. (For more on the CUE, turn to page 26.) The Aspiring Teachers Program received a \$120,324 grant with the goal of making teaching careers more accessible to rural high school students through concurrent enrollment.

## TAKING A CLOSE LOOK AT EYE DEVELOPMENT

UNC Assistant Professor of Biology Andrea James, Ph.D., received the Knights Templar Eye Foundation Career Starter Grant to fund her research for one year with the option to renew. The \$65,000 grant will help fund her research on zebrafish eye development (specifically during choroid fissure closure), and will also go toward undergraduate researchers in her lab and other areas. She hopes her research can provide insights on human eye development and abnormalities with the goal of eventually eliminating blindness in young children.

News Briefs cont.

## SUPPORTING COMMUNITY-BASED LEARNING FOR YOUTH

The Campus Compact of the Mountain West — a community engagement organization of college and university presidents in Colorado and Wyoming — has awarded funding for a partnership between UNC and Greeley-Evans School District 6. They will work together as part of the K-H Civic Futures AmeriCorps Program, which will engage 70 AmeriCorps members focused on developing and supporting community-based learning for youth from kindergarten through graduate school, connecting academic content with real-world issues in a way that allows youth to be part of a solution for change.

“The Office of Engagement at UNC is proud to have been selected to participate in this initiative,” said UNC Professor Deborah Romero, Ph.D., who directs the Office of Engagement. “It will bring added resources and opportunities for our students to engage in high-impact projects that will shape their learning and experience at UNC, while also paying it forward with local youth and our partners to address civic learning and democracy.”

Through the Civic Futures program, K-12 and higher education institutions will strengthen pathways for civic learning and engagement, creating opportunities for youth to be meaningfully involved in their communities.

## SIGMA DELTA PI CHAPTER EARNS NATIONAL AWARD FOR 12TH CONSECUTIVE YEAR

UNC’s chapter of the National Collegiate Hispanic Honor Society was one of only 10 chapters nationwide to be named an “Honor Chapter” for outstanding activities in 2017-18. Each summer, the 615 chapters of Sigma Delta Pi across the U.S. are asked to submit an annual report detailing their numerous activities and projects from the academic year.



## UNC ATHLETIC HALL OF FAME INDUCTEES NAMED

Every two years, the UNC Athletic Hall of Fame recognizes the excellence of former players, coaches, teams and support staff. This year, Northern Colorado Athletics inducted five new members. The 22nd class features four former student-athletes and one coach from five different sports including (above L-R) Kelley Arnold, '13, (volleyball); Jack Maughan, '89, (wrestling, men’s and women’s golf and administration); Gordon Maddux, '53, (men’s gymnastics); Nancy Steffy, '78, (women’s basketball); and Devon Beitzel, '11, (men’s basketball). “I’m truly honored and humbled to join a very long tradition of Northern Colorado Athletics and the excellence they have and all the great people who are in the Hall of Fame. To join them is truly an honor,” Maughan said.

## MONFORT COLLEGE OF BUSINESS CELEBRATES 50 YEARS

In September, the Kenneth W. Monfort College of Business kicked off a yearlong celebration marking its 50th anniversary. Established as a school in 1968, then named a college in 1984, it was renamed in 1999 in honor of cattleman, benefactor and longtime Colorado statesman Kenneth W. Monfort. Five years later, the college became the first business college to receive the Malcolm Baldrige National Quality Award, the nation’s highest honor for quality and performance excellence in organizations. “Over those 50 years, more than 12,000 students have graduated and gone on to be successful in all kinds of business endeavors, here in Colorado, in other parts of the U.S., and in a variety of international locations,” said Paul M. Bobrowski, Ph.D., dean of the College.

## CLUB INDUCTED INTO COLORADO SPECIAL OLYMPICS HALL OF FAME

UNC’s Unified Athletics Club was inducted into the Special Olympics Colorado Hall of Fame in early October and was also recognized as the first-ever collegiate chapter to be named a Unified Championship School by Special Olympics Colorado. The Club’s inclusive sports, inclusive youth leadership opportunities and whole school engagement contributed to the honor. “The biggest reason the president of Special Olympics Colorado stated for our induction was not just our intramural leagues, but the club’s involvement in things like the ‘R-word’ campaign and other community outreach events,” said UNC student Kennidi Cobbley, who helped found the club. “We demonstrated that we are not just a UNC club but an organization actively participating in the community.”

News Briefs cont. page 6

# Syllabus

## “Everything is connected”: Studying English via food

CLAUDIA MILSTEAD, PH.D.  
Instructor of English

**“EVERYTHING IS CONNECTED, AND IT IS IMPOSSIBLE TO STUDY JUST ONE SUBJECT,”** Claudia Milstead tells her English 225 class.

Today, two of those interconnected subjects include curry and soy sauce, which each occupy a chapter of Sarah Lohman’s *Eight Flavors: The Untold Story of American Cuisine*.

The group discussion starts with students talking about their own experiences with curry. One student says it’s her favorite. Half the students admit they’ve never tried it. Then a surprising theme emerges: the ways that racism affects how a flavor like curry migrates onto the U.S. culinary scene. For example, one of the first chefs to bring Indian cuisine to America was impacted by a 1923 Supreme Court decision that revoked citizenship rights of naturalized non-white persons.

It’s a sensitive conversation for a class designed to teach research and writing skills through the topic of food. Milstead, a professor who came out of retirement because she missed the classroom, doesn’t flinch. She’s direct, with a knack for keeping the discussion moving. She walks among the diverse group of students, asking questions and inviting opinions about what makes a food “American.”

“When you live somewhere,” one student says, “you think about that place as being about you.”

But the students recognize that the world does not, in fact, revolve around them, and they appear comfortable working through the tension of how food and racism intersect. They face questions of cultural appropriation versus respecting and celebrating other cultures. They consider Milstead’s assertion that when one group of people oppresses another, they often choose to ridicule that culture’s food. And they wrestle with the ways we choose to label food.

**CLASS:** ENG 225: The Story of Food

**TAUGHT BY:** Claudia Milstead, Ph.D.

**COURSE DESCRIPTION:** “The Story of Food looks at various aspects of food: how food is grown, how it is prepared, how and why we eat it, and what it means to us on literal, cultural and emotional levels.”

**THE GOAL OF THE CLASS:** Students learn to make connections write clearly and do original research, all under the guise of learning about food.

**READING MATERIAL:** *Kitchen Confidential* by Anthony Bourdain; *Eight Flavors: The Untold Story of American Cuisine* by Sarah Lohman

“The more I think about it, no food is inherently American or not American,” one student says.

The conversation is lively, and by the end of class, everyone is still laughing at Milstead’s dry jokes. They’re munching on the black pepper-and-brown sugar cookies she made them from a recipe in Lohman’s book. By the end of the semester, they’ll be presenting their own original research about an interconnected, food-related question of their choice — maybe something to do with food and racism, or marketing, or travel, or prison meals. No matter the topic, they appear ready to make the connections Milstead tells them are always possible.

—Rebecca Dell



## Quote worthy

“How you have empathy, how you look at a society — that didn’t come from an MBA class, it didn’t come from Microsoft training, it came from UNC.



—Lewis Curtis '92  
Director, Microsoft Services  
Disaster Response and  
Humanitarian Services

➤ Read more on Curtis in “Pivot Perfect” on page 22.



Image Credit: “Ad Astra per Astra” Portrait of Mary Golda Ross, by America Meredith, acrylic on canvas, 2011, from the collection of the Smithsonian National Museum of the American Indian. Courtesy of the National Museum of the American Indian.

### GOOGLE DOODLE FEATURED LATE UNC ALUMNA

The Google Doodle featured on the popular search engine’s homepage on Aug. 8, 2018, celebrated the 110th birthday of Mary Golda Ross '38. A math prodigy, Ross was the first female and Native American engineer at Lockheed Aircraft Corporation, where she helped develop the rocket technology that launched the U.S. into space. Ross received a master’s degree in mathematics at UNC. “Math was more fun than anything else. It was always a game to me,” Ross once said. “I was the only female in my class. I sat on one side of the room and the guys on the other side of the room. I guess they didn’t want to associate with me. But I could hold my own with them and sometimes did better.”

Ross was a member of the Cherokee Nation, and taught math and science in rural Oklahoma during the Great Depression. Lockheed hired her in 1942. There, she worked on the Agena Rocket project and was one of the authors of the *NASA Planetary Flight Handbook Vol. III* about space travel to Mars and Venus. She died in 2008 at the age of 99.

### UNC REDUCES ENERGY CONSUMPTION AND COSTS

UNC has saved more than \$1.5 million in energy costs since 2016 through a campus-wide energy conservation program called powerED that rolled out in partnership with McKinstry, a national company that focuses on energy and operation efficiency in existing and new buildings. In total, UNC has reduced energy consumption by 27 percent including an 18 percent decrease of electricity use, 29 percent decrease of natural gas use and 12 percent decrease of water use. Also in the works is the installation of a solar project on Parsons Hall funded through the Colorado Department of Public Health and Environment’s Supplemental Environmental Projects Program. The system is expected to be operational in the spring and will produce close to 4.7 million kilowatt hours (kWh) of electricity with estimated savings of \$176,500 over the expected 20-year life of the system.

➤ For more UNC in the News stories, please visit [unco.edu/news/in-the-news](http://unco.edu/news/in-the-news)



Senior Corey Nakakura will take the lessons he's learned on the mound and in the classroom back to his home school in Hawaii.

COREY NAKAKURA '19, Accounting

GO BEARS!

PHOTO BY ROB TRUBIA

## WHAT IT TAKES TO MOVE FORWARD

**PLAYING BASEBALL HAS ALWAYS BEEN PART OF LIFE FOR COREY NAKAKURA.**

The senior Accounting major came to UNC with athletic honors that included playing on the All-Interscholastic League of Honolulu team and the Honolulu Star-Advertiser All-State team, was a two-time varsity captain at 'Iolani School and played travel ball for the Hawaii Rockies.

Nakakura began pitching around age nine, when “coach pitch” in games ends and kids are allowed to start pitching.

With his long history as a pitcher, it may not have been surprising that, in February 2017 at UNC, he sustained one of the most common injuries among pitchers: a tear in his ulnar collateral ligament. It's an injury that's taken more than a handful of pitchers out of the game.

For this injury, reconstruction surgery is known as Tommy John surgery, made famous by Tommy John, one of the most decorated left-hand pitchers in baseball history. It involves taking a tendon from somewhere else in your body (or someone else's) in order to repair the damaged tendon.

But the surgery isn't without controversy (in fact, Tommy John himself is speaking out against its common use on athletes 19 and under) and instead, Nakakura opted for a newer, more experimental surgery, one championed by former St. Louis Cardinals relief pitcher Seth Maness. This new technique

involves repairing the ligament with an internal brace. Nakakura underwent surgery in Loveland, with the support of his teammates and his dad, Kyle, who'd flown to Colorado from Honolulu.

The surgery was successful, and six months later, Nakakura was back on the pitcher's mound, knocking the dust off the catcher's gloves with fastballs and curveballs. Then, during a tough swing while at bat, Nakakura tore something else — this time his labrum, in his shoulder.

“I did not want another arm operation, because it was hard enough to come back from the elbow,” he says.

Instead, he rehabbed his shoulder and went back to ripping fastballs on the pitcher's mound for his junior year. That spring he earned WAC All-Academic honors, but with two injuries and a major surgery behind him, Nakakura took on a position as undergraduate team manager, and began looking ahead to his post-graduate plans. And they include baseball.

He's moving back to Honolulu with an offer from his former school, 'Iolani School in Honolulu, to coach full-time after he graduates. While he steps onto that familiar field, he'll also be preparing for a new one: studying to sit for his CPA exam.

“(My time at UNC) significantly helped me to grow as an individual, academically and physically. I had a really good time in Northern Colorado, and I'm kind of bummed out that my experiences here are coming to a close,” he says. “I'm extremely satisfied with my experiences at Northern Colorado. This place really set me up for success.”

—Jason Keller

NORTHERN  
VISION

**MARK EISWERTH, PH.D.**  
Associate Professor of Economics

As an economist, Mark Eiswerth studies how environmental resources — including Colorado's water — are allocated.

# Calm Water

**ECONOMICS PROFESSOR MARK EISWERTH SEEKS SOLUTIONS TO COMPLEX — AND SOMETIMES CONTENTIOUS — ENVIRONMENTAL ISSUES BY CONSIDERING HUMAN VALUES AND MOTIVES**

UNC Environmental Economics Professor Mark Eiswerth, Ph.D., is a fourth-generation Coloradan from a family that includes loggers and ranch cowboys (his grandfather was one of the first geophysicists in the West). As an economist and co-director of UNC's Environmental and Sustainability Studies program, he's acutely aware of how different values and interests affect quality of life and drive the economy.

Questions raised by the topic of environmental economics, which Eiswerth defines as “the study of how environmental resources are — and should be — allocated among competing demands,” make for engaged discourse in his classroom. Eiswerth poses environmental conundrums and then gives his students free rein to dissect, discuss, explore and debate the options.

“We talk about water in Colorado. We look at the forecasts. We look at some of the decisions being made,” Eiswerth says.

Concerns about water use and conservation in a state that averages 15.5 inches of rain a year are complicated by those environmental economics — competing demands between farmers and city dwellers, industrial users and recreationists. And it's not going to get easier. The Colorado Water Conservation Board predicts there will be a 20-percent shortfall by 2050 when the state's population is expected to reach 10 million.

As a water resource economist, is Eiswerth alarmed? Outwardly not.

He's concerned about the future, of course. But after nearly four decades of study, he's still upbeat, open-minded and confident about the next generation's problem-solving abilities — and he gives his students opportunities to practice.

“I try to teach them a little bit about how to facilitate a discussion among people with competing interests,” he says. “I say, ‘God willing, you guys are going to be around a lot longer than I am, so I want you to be able to do these things after I can't.’”

“It's important to learn how to be a citizen — or to be a stakeholder — that's the bottom line, because everybody drinks water. Everybody eats food. Everybody takes a shower.”

Eiswerth's doctoral research involved pollution impacts and pollution management decision-making. He looked at how to mitigate damages when, for instance, deciding between dumping waste in a landfill

or incinerating it. Neither is ideal. So how do you choose? It may not strictly be a monetary decision, he says. It's also about environmental values and doing the least harm.

In the 30 years since, Eiswerth has studied problems coast to coast, applying his analytical skills across issues from water pollution to habitat. There's an economic component to every conceivable problem, he says.

Sustainability experts grapple with big issues like how to cost-effectively secure, protect and allocate resources. But secondary impacts Eiswerth calls “externalities” occur whenever we produce or consume goods and services. One externality of cheap, plentiful city water might be that homeowners overwater their lawns. It's wasteful, of course, but it also could cause soil erosion or allow for pesticides and street pollution to enter waterways, degrading water quality for those downstream.

Eiswerth studies what economists call “payments for ecosystem services.” Financial incentives, such as payments for water-based ecosystem services (PWES), could be the carrots that motivate farmers, who control 80 percent of the state's water, to put in buffer strips around their fields to reduce runoff, or to limit pesticide applications, allowing them to return a higher quality of water to the stream.

Eiswerth points out that one positive externality of getting even a single producer on board might be that neighboring farmers become interested, too. And that's starting to happen. Worldwide, there are more than 400 such PWES programs in play, with several pilot projects in the U.S., including Colorado.

From a commodity perspective, water is interesting because its value depends on how it's acquired and how it's used. Cities, towns and developers are buying land with irrigation rights, then converting the water to municipal use. Utilities then set the price of water for residents, with some regulatory oversight.

“It's not a free-market system,” explains Eiswerth. “It's more of a regulated monopoly, so the price isn't determined fully by the laws of supply and demand.”

Admittedly, water law in Colorado is simple in theory and complex in practice. Colorado law specifies that once water is diverted away from agriculture, it can no longer be used to grow crops. Essentially, the farmland dries up — even in wet years when a city might have surplus water that it could lease back to farmers.

*Calm Water cont.*

And the oil and gas industry has its own set of environmental and economic concerns about water used in fracking operations. The water is disposed of by injecting it deep into wells since chemical additives make it unusable for other purposes.

“Something I ask my students when we talk about water law is, ‘Do you think it should be changed?’ People are really split about this, and it’s a hard thing to answer because it’s so complex. There are a lot of barriers to changing laws,” Eiswerth says.

“In the West, we have been working to develop various markets for water in order to allow for transfers and leases.”

What intrigues Eiswerth is how future economists will tackle such problems. He’s enthusiastic about his field and the opportunities it presents to future graduates.

“There’s a need for people who are trained to think about these issues — and who want to think about these issues — across space and across time. You can go to Washington, D.C., or you can stay right here and use [economics] in government, business, nonprofit,” he says.

With a bevy of students each semester to challenge him, he wholeheartedly believes in the next generation.

“My job is to figure out interesting ways to elicit other people’s values and preferences,” he says. “We all have ideas of what’s most important. I can’t play favorites in class. I’m happy if students go through class not sure exactly where I stand.”

It’s relaxed and respectful dialogue that allows people to see things in new ways. It opens the door to shifts in perspective.

“I’m not really looking to change minds,” he says. “I’m just trying to facilitate the process of discussion, discovery, and making wise collaborative decisions.”

—Betsy Lynch



PHOTO BY KATIE-LEIGH CORDER



## DECODING TOXINS IN SNAKE VENOM

Professor of Biology Stephen P. Mackessy, Ph.D., (above) worked with colleagues to identify two toxins in the venom of a species of snake that affect prey differently. The toxins, named sulditoxin and sulmotoxin 1 by the UNC researchers, were discovered in the Amazon Puffing Snake as part of Mackessy’s ongoing research exploring the evolution of venoms. Sulditoxin is “highly toxic” toward lizard prey but harmless to mammals, such as rodents. Sulmotoxin 1, on the other hand, is the opposite. “This is the first case in which a bimodal and contrasting pattern of toxicity has been shown for proteins in the venom of a single snake in relation to diet,” the study reported. In addition to venom evolution, Mackessy studies venoms for possible cancer treatment in humans.



Listen to a podcast with Mackessy as he goes into more detail about how he became interested in snake venom at <https://bit.ly/2USxZfh>



## LERACH STUDIES HOW DUST INFLUENCES THUNDERSTORMS

Associate Professor of Meteorology David Lerach, Ph.D., studies how dust — specifically dust from the Chihuahuan Desert in the Southwestern U.S. — potentially influenced an outbreak of tornadic thunderstorms in Texas. His research was published in July. In the computer-simulated storms outbreak, Lerach found that dust particles blown into the air absorbed sunlight and limited the ground’s ability to heat up during the day, thus producing a weaker line of thunderstorms characterized by weaker updrafts and less precipitation. Lerach’s future research will focus more on idealized thunderstorm scenarios in an attempt to isolate the atmospheric environments that are most and least susceptible to the influence of dust on storm severity using the model.



## STUDYING INVESTMENTS FOR WATERSHEDS

By 2060, around two-thirds of the world’s population will live in cities and will need sustainable drinking water. Environmental and Sustainability Studies Assistant Professor Chelsie Romulo, Ph.D., worked with her team to comb through data from The Nature Conservancy on investments made by cities to fund watershed services. For example, cities might invest in services that keep ecosystems in rural areas healthy in order to ensure clean drinking water in urban areas. They reported back to The Nature Conservancy on their findings in order to help the organization prioritize programs and recently published a paper on their research in the journal *Nature Communications*.

“This paper was the culmination of a very large interdisciplinary project,” Romulo says. “The idea being that if people who are drinking water in a city want to have clean water, then the best thing to do would be to actually pay for the people living in watersheds to do things that maintain a clean watershed.”



Listen to a podcast with Romulo as she explains the importance of these programs at [unco.edu/bear-in-mind](http://unco.edu/bear-in-mind) (episode 52)



PHOTO BY WOODY MYERS

Impact 

## More than Monopoly Money

### **THE STUDENT AND FOUNDATION FUND AT UNC GIVES FINANCE STUDENTS REAL- WORLD EXPERIENCE INVESTING AND MANAGING A PORTFOLIO ON BEHALF OF THE UNC FOUNDATION.**

Standing on the floor of Century Link Center in Omaha, Nebraska, taking in the bustling surroundings of the Berkshire Hathaway Annual Shareholders meeting, senior Business Administration student Erica Estes was captivated.

“It’s like the Super Bowl of the financial industry. There were people camped out there overnight just trying to get good seats,” Estes says. “We got to explore Omaha and be in the same room as Warren Buffet and Charlie Munger, so that was exciting. Even Bill Gates was there so, it was like, ‘Whoa, we feel really important.’”

Estes and four other UNC students had the opportunity to attend the exclusive annual meeting in May as a result of their work with the Student and Foundation Fund (SAFF).

“We hold B shares of Berkshire Hathaway in our portfolio, so that gave us passes to attend,” Estes says.

Every semester a small group of upper-level finance students are selected for the demanding SAFF class. Together the students manage two portfolios of real assets that are valued at more than \$2.5 million. It’s a tangible experience, made possible by an allocation from the UNC Foundation.

“It’s designed to be as real world as it can be — just like they’re a money manager,” says Rod Esch, president of the UNC Foundation.

Each student is assigned a specific sector to watch and evaluate all semester. Then, together as a class, they must decide where to invest.

“We evaluate their performance all the time, and we meet them face-to-face and have them present to us as one of our money managers,” Esch says. “They don’t just evaluate what investments to make. They establish and kind of institutionalize their structure and organization to operate like a money manager.”

A demanding experience, Estes admits, but one that’s helped her grow leaps and bounds as a business professional.

“I don’t think you get that experience in other classes. You do a simulation and it’s not real money, and the thing with SAFF is that you have a fiduciary responsibility to the university,” says Estes.

An experience, she says, that’s prepared her to work with a diverse team and make critical decisions after graduation. She recognizes the value of this opportunity — and treasures the donors who’ve made the experience possible.

“Just having that faith and allowing us students to figure out these career paths, and figuring out investing and finance, it is a huge opportunity,” Estes says, and she’s grateful that some of the earnings they acquire through SAFF can benefit other Bears too.

“It’s cool to know that what we do helps provide scholarships for other students at the university. It feels like I’m almost helping out my friends who receive these scholarships. I was a part of that, and it provides opportunities for other students to flourish.”

—Kaitlin Berry



**ON THE MOVE:** Among the first-year president's priorities is meeting with the university community. Andy is pictured here presenting to alumni and friends in Denver and, on the opposite page, meeting with them in Colorado Springs. He also stopped in Grand Junction, Sterling, and points in between, as part of his state tour in the fall.

PHOTO BY WOODY MYERS

# 'I'm Andy'

By Nate Haas '04

**Get to Know  
the First-Year  
President in  
This Q&A**

**A**ndy Feinstein was halfway through his favorite UNC day yet when he spotted the School of Music percussionists and a group of students dancing in front of Garden Theater on central campus.

He could have joined the crowd that was taking in the performance, which was part of UNC's annual Day of Music. Or paused for a moment to appreciate the scene before hurrying to the next stop on his jam-packed Homecoming Friday itinerary. Or just waved as he went past.

Instead, Andy flung off his suit jacket and joined the circle of dancers. There he was, UNC's bespectacled first-year president, in dress attire, learning the dance on the fly as the rhythms of African Gahu music pulsed from UNC's Percussion ensemble.

Since arriving on campus in July, UNC's new president, who introduces himself with a simple, "I'm Andy," has made it a priority to be engaged. His passion for students and their success is evident in his interactions with them.

Earlier that Homecoming Friday, after breakfast with a group of new freshmen, he'd delivered a speech to over 500 prospective students and their families. He then stayed around to visit and take selfies with student orientation leaders. Back at his office, he posed for photos with the sousaphone players who stopped by to serenade him before he headed to lunch with 30 alumni from the Class of 1968 who were on campus for their 50-year-reunion.

After an afternoon budget meeting, he joined his family to celebrate his father-in-law's 80th birthday at Roma Restaurant, where owner Jon Shaw had recently debuted the Fightin' Feinstein pizza that he'd asked Andy to help design not long after he arrived in Greeley. From there, Andy and his daughter, Rachel, joined students at the Homecoming bonfire, delighting them by blasting Billy Joel's "We Didn't Start the Fire" over the event's loudspeakers. As the crowd grew to some 200 students, they settled in for the annual Homecoming fireworks show.

His workday started at 7:30 a.m. and ended 14 hours later.

"When I got home, I was fully energized," he says. "It was a magical day for me.

"There was so much happiness on campus, so much engagement and involvement with people, and so many different facets of our university. I literally went from talking to students who were thinking about attending UNC to students who graduated 50 years ago, and everything in between. I thought to myself, 'this is a great university, and I am so fortunate to be part of it.'"

Since his arrival, Andy has traveled more than 8,000 miles, meeting with hundreds of alumni, faculty, staff, students and community members. Introducing him at the State of the University address in September, Faculty Senate Chair Stan Luger noted, "My bet is that President Feinstein has already met just about each and every one of you.

"With seemingly boundless energy, he has already reached out to the campus community by attending scores of events and countless meetings with every possible group on and off campus," Luger told the audience.

Despite that pace, as Andy neared the end of his first semester at UNC, he fielded questions from *UNC Magazine* about his foray into the presidency, university planning, his personal life, and the mantra, "rowing not drifting," that he is challenging campus to embrace.

### **Q: How has your first semester at UNC and as a first-time president been?**

**Andy:** It's been frenetic, intentionally so. I'm honored to be serving as UNC's president. It's hard work and there are long days, but I'm really enjoying getting to know people and learning more about UNC. I've traveled the state from Sterling on the Eastern Plains to Grand Junction on the Western Slope, and along the Front Range from Greeley to Colorado Springs. And it seems I'm in Denver at least once a week.

Closer to home, my goal has been to meet with as many students, faculty, staff and community members as possible. At the start of the semester, I hosted student breakfasts to hear firsthand what it's like to



PHOTO BY WOODY MYERS

### **ANDREW "ANDY" HALE FEINSTEIN**

**TITLE:** President (13th in UNC's 129-Year History)

**PREVIOUSLY:** Provost and senior vice president for academic affairs at San José State University (SJSU), one of the largest public universities in the Western United States, ranking in the top 200 universities in the nation for total research spending and a national leader in graduating students of color. Before arriving at SJSU in 2013, he was dean of the Collins College of Hospitality Management and the James A. Collins Distinguished Chair and professor at the California State Polytechnic University, Pomona. While dean, he also served as the chancellor-appointed director of Hospitality Management Education for the California State University system.

**CREDENTIALS:** Began his academic career as a professor at University of Nevada, Las Vegas, where he earned bachelor's and master's degrees in Hotel Administration. Also served at UNLV as chair of the Department of Food and Beverage Management, associate dean for Strategic Initiatives at the Harrah College of Hospitality, and senior advisor to the president.

His Ph.D. is in Man-Environment Relations from Pennsylvania State University, where he was also an academic computing fellow.

**PERSONAL:** Born in Cleveland, Ohio; grew up in Point Loma in San Diego, California.

**FAMILY:** Kerry, wife; Nicholas, son, 18; Rachel, daughter, 14; two cats, Clara and Bella.



### **SAVE THE DATE: FRIDAY, APRIL 12, 2019**

A traditional campus ceremony during a president's first year, called an investiture, will formally introduce Feinstein as UNC president. An open house of the Campus Commons will also be held following the investiture.

be a student at UNC. I've been to events at all of the cultural centers — which are incredible — and the students and staff who support those programs really welcomed me. I'm working to meet with every academic department by the end of the school year. I've made it to about 25 so far, and I have plans to branch out to other units across campus next semester.

There's this Midwest-friendly and welcoming vibe, laden with camaraderie. Aims President Leah Bornstein and Superintendent Deirdre Pilch, from District 6, have been great to me. So have Mayor John Gates and City Manager Roy Otto. The Greeley community is such an asset for UNC. The people here were one of the major reasons that my family and I were excited about becoming part of this community.

**Q: What other things are you seeing that make UNC special?**

**Andy:** This is a right-sized university. I can see that in the class sizes. I see it when I walk around campus and engage students in conversation. I recognize them and know many of their names already. That's harder to do at a campus of 35,000 students. At the same time, we have the diversity and complexity of a national research university: world-class faculty, groundbreaking research, Division I athletics, musical performances and plays, events, art exhibits, fundraising events and social activities. There's something happening on this campus every day.

There's also something special about our Normal School heritage. Faculty that I talk to genuinely care about teaching and learning. They also want to make sure we continue to value the teacher-scholar model that emphasizes the balance between teaching and research. The university is a part of the fabric of who faculty and staff are. They care deeply about this place in a way that is unique.

The same can be said of our students. They are the least entitled students I've ever met. But don't let that fool you. They also have an incredible sense of pride and civic responsibility. They care deeply about this university and want to make the world a better place.

**Q: You've been talking about student success since you arrived. What can you do as president to help students flourish?**

**Andy:** First, I'm trying to understand what I can do to ensure their success — in the classroom, and beyond. I've met with groups of freshmen, graduating seniors, transfer students, international students and graduate students to better understand their unique perspectives. These conversations have helped me understand the hurdles students have to overcome and what they appreciate about UNC. I'm asking them what should I be focused on as their president. One of the biggest things I've learned is that they want to be heard. And their insights and suggestions are valuable.

I understand the fundamentals of student success as it pertains to graduation and retention. There are some tried-and-true methodologies we need to pursue, including the ways

in which we advise our students, how we work with our K-12 community on college readiness, and ensuring students feel a sense of place on campus. Those are all important parts of student success. But each university is unique. I'm trying to understand the differences that make UNC special so we can customize our student success approach to best meet the needs of our students.

**Q: What are other challenges that you want to address?**

**Andy:** Students are applying to more universities. I am well versed in this because I have a senior in high school who is getting stacks of material from colleges and universities around the country and has applied to practically a dozen. I'm trying to understand how he's making that decision and what's important to him in choosing a university. We have to work on what makes UNC distinctive and unique in a competitive marketplace, understanding what differentiates this university from others and how we reinforce those values.

My son, Nick, is focused on what it feels like to be on campus. It's about this visceral, emotional reaction that students have when they first get here. Those first moments that students engage with the university are so important — that first letter or phone call or campus tour, who's leading it and what's being said. That's one of the reasons I'm so excited about the Campus Commons opening. It's going to be vitally important in showcasing this university and putting our best foot forward.

**Q: You've mentioned the challenge of addressing public concerns about rising costs and the value of higher education. Are you at a point yet where you can say how UNC is going to address this?**

**Andy:** We have to focus on student success, particularly retention and graduation rates. It's also about our academic portfolio. And of course, we have some work to do on the budget. I want to create a transparent and open environment that values shared governance and provides opportunities for the campus community to be part of addressing challenges. How do we seize on these challenges to become a stronger university? How do we change the way we work together to become more effective? How can we do an even better job of delivering on UNC's promise to our students?

**Q: What made you want to come to UNC despite the challenges you knew you would face?**

**Andy:** Challenges like the budget aren't novel to this university. What I was really looking for was a place that aligned with my values: access, diversity, valuing teaching as well as research, scholarship and creative works. I love the performing and visual arts, and I also think there is great value in athletics. There are a lot of amazing things going on at UNC. But what makes a job like this truly rewarding is knowing that you're helping students fulfill their dreams, and their families' dreams. Knowing that many of our students are the first in their families to go to college makes it even more rewarding.



PHOTO BY WOODY MYERS



PHOTO BY WOODY MYERS



PHOTO BY HUNTER WILSON

Top: Andy's tour stop in Denver included the steps of the Capitol with mascot Klawz. He's frequently in Denver to represent UNC. Left: In search of an office desk, Andy found one in storage with the help of Steven Abbath, UNC's custodial services manager. The desk had been used by UNC's third president, John Crabbe, 100 years ago, and now returns to work as Andy's desk in Carter Hall. Right: One of Andy's priorities is the successful conclusion of the Campaign for UNC. In August he met with campaign donors at an event hosted by alumni John '84, pictured, and Angela '89 Schmidt.



PHOTO BY WOODY MYERS



PHOTO BY HUNTER WILSON



PHOTO BY HUNTER WILSON

Top: The friendly Greeley vibe appealed to the Feinsteins: Andy loves to cook, and he and Kerry enjoy sharing meals at a table that welcomes all. “When we moved into our house, we went around our neighborhood delivering cookies my daughter, Rachel, made. It took the entire afternoon because everyone was so friendly and wanted to talk,” Andy says. Left: A hospitality expert, Andy helped with move-in day as students arrived on campus for Fall semester. Right: Andy’s interests include playing disc golf. “When I got here, I joined a group of students for a round on the nine-hole course,” he says.

**LEADING THE CHARGE:** Andy joins students to bring out the football team during a home game.

**Q: Did you always know you wanted to be a university president?**

**Andy:** No, I started out, at a very young age, wanting to be a chef. That came from watching my mom, Elaine, cook for my friends. When you cook for people, you connect with them in a real, visceral way. I discovered in elementary school that I was very good at math and went to a middle school specializing in math, science and computers, where I fell in love with technology. For many years thereafter, I focused on finding ways to combine hospitality, technology and my analytical skills. This led me to my first career path of appraising hotels.

When I graduated from UNLV, I went to work appraising hotels for a large Certified Public Accountant firm in Los Angeles. I took the job in part because they offered me what I thought was a huge amount of money, but I quickly hated it. There was absolutely no work-life balance. I once had more than 100 billable hours in a week. I sought advice from my faculty mentor at UNLV, John Stefanelli, and he encouraged me to come back to earn a master's degree.

As a graduate teaching assistant at UNLV, I taught two classes each semester. It was an incredible experience to go from being an undergraduate student to having the faculty members I had looked up to treat me as a peer. I also found immense satisfaction in working with students and sharing my industry experiences. By the time I finished my degree, I knew that I wanted to become a faculty member.

Instead of going straight from UNLV to Penn State, my wife Kerry and I married and moved into a tiny apartment in the heart of San Francisco. The internet was just in its infancy — that was 1995 — and I created a start-up company that designed websites for the hospitality industry. After a year, I still hadn't figured out the business model for making money on websites. I also knew that if I didn't go on to get my Ph.D. then, I would end up chasing the dollar for the rest of my career.

After earning a doctorate at Penn State as an Academic Computing Fellow, where I studied under Stuart Mann, an expert in Operations Research, I was offered a position as a faculty member at UNLV. Fortuitously, Stuart had been named the new dean of UNLV's College of Hospitality and John Stefanelli was chair of the Department of Food and Beverage Management. When John chose to step down, I became chair and was able to give back to the people I cared so much about — faculty members I'd known since I was a student. It was rewarding to shape and support the department. After my time as department chair, I became associate dean for strategic initiatives, working on planning, new program development and fundraising. I had an opportunity to become the senior advisor to the president, and being part of the president's cabinet made me realize that I wanted to lead a university. The president at the time, David Ashley, gave me the good advice that I needed to start by becoming a dean.

After five years as dean of the Collins College of Hospitality Management at Cal Poly Pomona, one of the top hospitality management programs in the country, I accepted a position as deputy provost at San Jose State University, where I became provost in January 2014. Four years later, I applied to be UNC's president.

**Q: What else do you want people to know about you?**

**Andy:** I want people to know how fortunate I am to be here. Many times, I walk across campus thinking: "Wow. I am president of the University



PHOTO BY BRIAN SMITH

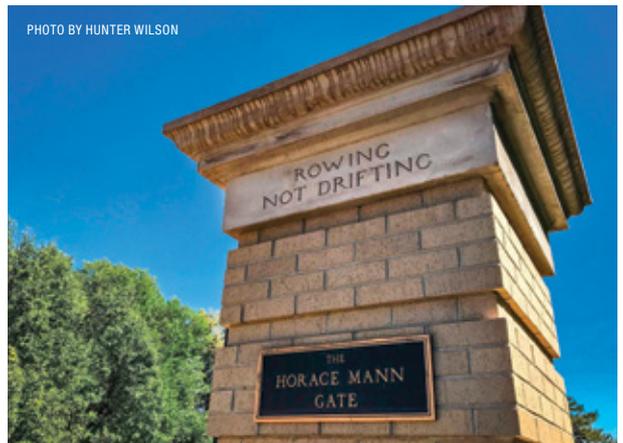


PHOTO BY HUNTER WILSON

'ROWING NOT DRIFTING' is inscribed on the 10th Avenue Horace Mann Gate, a gift from the Class of 1910. Andy appreciates the sentiment and history attached to the gate, and sees the motto as a metaphor for the teamwork needed to advance the university. "We need to be intentional and collaborate to achieve a common goal," he says.

of Northern Colorado." And I want to remember every moment of this experience. We all have goals and aspirations in life, and when we actually achieve them, I think it's important to stop and absorb what's happening and appreciate it as much as we possibly can. But I'm just getting started. Step one was to get the job. Now I have to be a successful president.

I also want people to know how much I love and appreciate my family. I am so fortunate to have an incredible team that supports me. Moving through the ranks of the academy has taken us to Pennsylvania, Nevada, California and now Colorado. Kerry and I are living in our 12th house. Nick and Rachel have lived in three states. Nick had the chance to stay in California for his senior year of high school, but he chose to come to Colorado. I guess you could say he has an adventurous spirit. I'm not sure where he gets that. **UNC**

 View video and read the transcript of Feinstein's State of the University address at [unco.edu/president](http://unco.edu/president)

# SPORTING NEW BRIDGES

By Rebecca Dell  
Photography by Woody Myers

Soccer Without Borders Greeley is one of the bridges that helps Greeley's refugee and immigrant population adjust to U.S. life. And thanks to a partnership with UNC, it's also one of the ways that UNC students-athletes cross the bridge from high school to college.

It's a warm, sunny September afternoon on some loosely defined fields near the Greeley Mall. A high school marching band practices nearby. A few young soccer coaches drag out portable nets and bags of soccer balls. Kids trickle in for practice. They're here for Soccer Without Borders (SWB), an international nonprofit built around soccer, education and community.

On the girls' field, Niyat, an 11-year-old from Eritrea, and Thang, a 12-year-old from Burma, chat easily together. They both started playing soccer in the past couple years. Both are oldest siblings, and they agree that it's a lot of work and a lot of expectation. Another girl, Luluya, shows up.

Like many middle school girls, they're excited about things like ice cream and the rare chance to try on make-up. They're thoughtful and observant. They love their SWB family.

"We've experienced new things while we were here," says Luluya, who also rattles off a slam-style poem she wrote as evidence of her future as a poet.

The girls also recognize the value of putting in work to build new skills — players join the organization with all different levels of soccer experience.

"It makes us try, and it makes us know why there's a point to trying," Luluya.

Over on the boys' field, the team starts running a shooting drill. Teddy, a 12-year-old from Ethiopia, and Mohamed, an 11-year-old from Malaysia, step out of the drills to talk for a few minutes. They're polite and good-humored; Mohamed plans to get his Ph.D. and become an orthopedic spine surgeon. Both have been playing soccer for years and speak multiple languages. SWB has the same draw for them that team sports have for any kid.

"You get to go to games, you get to have fun, try everything with your teammates," Teddy says. "And score goals."

And, every summer, they get to help incoming UNC student-athletes learn how to coach and mentor.



Zach Kilimann, '16 (center, in light blue), poses with a group of immigrant and refugee soccer players in Greeley at a field day organized by UNC student-athletes. The soccer players are part of Soccer Without Borders, a nonprofit that "uses soccer as a vehicle for positive change" for newcomers as they and their families acclimate to the U.S. The UNC student-athletes were part of the Summer Bridge program, which uses summer coursework and leadership training to prepare recent high school graduates and transfer athletes for academic and life success at UNC and beyond.



Watch a short film "Playing for Chance" on SWB and the powerful work they are involved with, at <https://youtu.be/l6oqj2ansig>



Back when he was a sophomore at UNC, Zach Kilimann, '16, was looking for a job and a way to get involved. He saw an ad for SWB Greeley and, with years of soccer experience on his resume, rode his bike over one day. A group of Greeley's refugee and immigrant kids immediately asked him if he was their new coach.

No, he remembers saying.

He continued to say no each practice for the next couple months, until one day, his answer changed to yes. After graduating with a degree in Political Science, he went on to a staff position with SWB. Today, he's the senior program coordinator for SWB Greeley, and his personal life mirrors his commitment to the refugee families of Greeley — he and his wife, Shawna Kilimann '15, a first-grade teacher, consistently engage with the kids in and around their apartment complex, playing soccer, baking cookies and reading books.

SWB is flexible based on the community it's designed to serve. There are programs in Baltimore, Boston, Oakland, Seattle and cities throughout Colorado. In Greeley, soccer and other activities help students



Soccer Without Borders athletes, including Mohamed (left) and Teddy, participate in a deep cross-cultural experience every time they step on the field. All of the players speak at least English and their native language, at varying levels.

practice English, make friends and navigate U.S. culture. Ninety-five percent of SWB participants across the U.S. graduate from high school. And families build relationships with Soccer Without Borders staff, who serve as a safe resource for questions about adjusting to life in the U.S.

“It’s sort of bridging the gaps that exist in our present reality,” Kilimann says. “Those questions can only come once the families feel safe and once the kids feel at home. And so soccer provides a home where previously there wasn’t a home for them.”



Each summer for the past eight years or so, the UNC football and wrestling coaches have had their incoming players participate in a UNC Summer Bridge program, which allows them to get a certain number of summer practice hours, per NCAA rules.

Back when Coach Earnest Collins started at UNC, Jimmy Henderson, the Associate Athletic Director for Academic Success, was tasked with running the program. From the beginning, he and his team were determined to make the program more than just a tool to get athletes in the gym. They started researching other campus’ success stories and found a compelling one at Oregon State, where Athletics had tried using the typical summer classes as part of a summer bridge — English, math — but found that the content wasn’t engaging. What really got student-athletes invested, they found, was including a multicultural element.

So Angela Henderson, Ph.D., a Sociology professor at UNC, made the initial connection with SWB Greeley through one of her students, Abby Smith, the former program coordinator.

The combination of multicultural classroom and service learning content was a hit. The Athletic Department’s fall first-year GPA went from 2.47 to 3.1 in the first five years of the program, Jimmy says. But perhaps one of the best indicators of the program’s success was more human: a text message Jimmy keeps on his phone from a former UNC football player, Samad Hinds (profiled in the spring 2018 UNC Magazine), who graduated with his master’s from UNC. The text includes two photos: one of Samad with a Soccer Without Borders participant during his Summer Bridge, and one of the two when they serendipitously met after Samad graduated.

The Summer Bridge and SWB partnership may look slightly different every year — 2018 included three field days on UNC’s campus, run by the Summer Bridge participants, and the academic component of the Summer Bridge included a library research course and an interdisciplinary course called “Coming of Age” — but the impact on the UNC players is the same.

“One of the comments we typically get is it was a different experience primarily because throughout their life, they had been mentored by somebody,” Jimmy Henderson says. “This was the first time they were mentoring somebody.”

“One of my large hopes from the partnership is to see these players have a transformed perspective on their capacity to impact others,” Kilimann says.

Before this summer’s program, Kilimann and his team took the players to visit some of the SWB families. It helps them gain a better sense of the community they’ve just become a part of.

“We immediately foster a sort of joy in living in Greeley,” Kilimann says.



Those visits impacted Jaren Mitchell, a first-year wide receiver from Carrollton, Texas, who joined the Bears after a last-minute coaching change at the university where he originally planned to attend. He says visiting some of the families in their homes was eye opening — both to realize who was part of his new community, and to see their happiness despite despite the challenges they face. It forced him to consider how he would react in similar circumstances — a sentiment that Trish Jolly, the Anthropology professor who teaches the “Coming of Age” course, says has been shared before.



UNC athletes share a game with SWB participants, while also building relationships. “One of my large hopes from the partnership is to see these [UNC] players have a transformed perspective on their capacity to impact others,” says Kilimann, Soccer Without Borders Greeley senior program coordinator.



A key feature of Soccer Without Borders is community — a key part of which takes place in a circle each practice, when coaches work on team-related concepts and provide a space for youth to have their voices heard. The UNC athletes, likewise, circled up with the students during their summer field days.

For Jolly, who grew up with a soccer-obsessed family in Bolivia, starting with the Summer Bridge program five years ago represented a bridge of her own; she shares with her students that she used to roll her eyes at athletes until she got to know them by teaching them. She saw their transparency, how well they connected to the class material, how they didn't fit her stereotypes. Her unique upbringing, experiences and focus on pedagogy has proven to be a perfect fit for teaching student-athletes.

Jolly had been a talented pianist since the age of four, and she planned on a career playing piano. But when a drunk driver caused an injury that made her lose sensation in part of her left hand, she had to drastically change her plans and manage a devastating blow to her identity. So she can relate to the fragility of a career — even a college one — in sports.

“How do you foster your whole self?” she asks her students. “Have you allowed yourself to explore other angles? Because it's a win-win. If you go on to be smashingly successful, you'll be smashingly successful, super awesome, well-rounded. If athletics doesn't come through for you, you've developed this other side of yourself fully.”

“Coming of Age” also deals with topics such as sexual assault, and Jolly says that sharing her personal experiences from Bolivia open doors for honest conversations about the sexual assault problem in America, the stereotypes that fall on them as football players and wrestlers, and what they can do to effect change.

Mitchell remembers “real-life conversations” from her class, having discussions he'd never had with a teacher before. He says the Summer Bridge program — with its academics and the time it allowed him on the field — prepared him mentally and physically for the fall semester.

“The first day of classes, you're working with high school students,” Henderson says. “But by the last day of classes, you're working with college students.”



And for Mitchell, the SWB field days were just a lot of fun. His main concern is that he doesn't want to drop the new connections he formed with the community. As Kilimann says, you can't just say “yes” to a kid once — you need to build a bridge, and then keep traveling with the kid when they get to the other side. **UNC**



UNC football player Jaren Mitchell (top) says the UNC and SWB athletes created bonds with one another during the three Fridays they spent together, so he wants to keep working with them. About the Summer Bridge, he says, “I felt like it helped me grow, not just as like a student, but as a person.”

In 2018, UNC's Office of Community and Civic Engagement launched UNC Engage, an online portal allowing community organizations to post volunteer openings for UNC students. Soccer Without Borders is one of the organizations profiled on UNC Engage, offering students the chance to connect with and serve the refugee population in Greeley.

 [unco.edu/community-civic-engagement/community-partners/unc-engage.aspx](https://unco.edu/community-civic-engagement/community-partners/unc-engage.aspx)



# PIVOT

How four UNC alumni have taken their careers in unexpected directions with the help of degrees that went deeper than job skills.

**H**ave you ever heard of a History major working for Microsoft? An English major traveling the world? A Chemistry major in management? According to a series of surveys and reports from the Association of American Colleges and Universities, 40 percent of recent college graduates hold jobs that aren't directly related to their college major, and UNC grads are no exception.

“The idea that college is here to prepare you for the world of work has been heightened since the recession,” says UNC Director of Career Services Renée Welch. She says that a job is a side effect of higher education. Welch, who has a master's degree in College Student Personnel from Miami University in Oxford, Ohio, and a bachelor's in Chemistry from Millikin University in Illinois, said that it was an internship in a clinical lab that led her to a moment of growth—and a change of heart.

“I did an internship through the National Science Foundation with research in a physical chemistry lab, and realized I didn't like it,” she says. “I started to identify that for myself, I would prefer a work environment where I could be interpersonally connected to other people.”

This, Welch says, is what she believes to be part of the real purpose of higher education—experiences that help students understand themselves and what they'd like to do after they graduate. According to Welch, college gives students not just the skills for the job market, but the experiences to help them know where to best apply their skills.

Finding that path—no matter where it takes you—is part of a UNC education that goes beyond skills to experiences. It's an education that serves you well throughout life and allows you to “pivot” from one field to another, as these UNC alumni discovered along their career paths.

Denise Burgess '82, Owner, Burgess Services

# PERFECT

## A Journalist's Skills as a Business Owner

When you first walk into the office of Burgess Services, a Denver Construction firm, you're directed toward a waiting room with two chairs, divided by a small table stacked with magazines. Take a closer look, and you'll see that the covers show the portrait of a tall woman with an easy, self-assured smile. The magazines are stamped with mastheads such as *ColoradoBiz*, *Altitude*, *Construction and Design*, *Business Altitude* — all prominent business magazines in Colorado and beyond.

Denise Burgess, owner of Burgess Services, appears on the covers of those business journals. The 2017 Chair of the Denver Chamber of Commerce, she is also a UNC Journalism alumna.

She speaks with exuberance, confidence, and a Zen-like peace that she's picked up through experience and from her father, Clyde Burgess, who started Burgess Services in 1974.

In her daily work in the construction world, Denise approaches complex discussions among clients, engineers, water specialists, crew managers and more, like a journalist. She listens with interest, asking concise questions and stripping back the excess language to make sure everyone is on the same page. Her style is personable and casual, yet professional — something she says her upbringing and her undergraduate education at UNC helped instill in her.

When Denise was at UNC, the journalism program was housed in Kepner Hall, with business and journalism professors using the same classrooms.

"All of my friends were business students, so that really kind of got me into the mindset that 'I want to take these classes,'" she says.

Denise says most professors fostered an environment of conversation and friendliness, and it was a culture that enabled her to grow her communication skills, keys to her growth as an entrepreneur and business leader.

"The best thing about a UNC education is that it allows you to pivot," she says. "And this is a great thing for an entrepreneur, because you can have a journalism degree and successfully run a construction company."

After graduating in 1982, she interned at Denver's Colorado History Museum and soon became a full-time employee, then worked in sales for a California radio station.

When she moved back to Colorado, she helped market Burgess Services, eventually joining the business in 1994. She worked alongside her dad, picking up his business sense and

interpersonal skills, as well as a certificate in construction management from the University of Denver. As the business grew, Denise took on more responsibility for the company. After Clyde passed away in 2002, Denise carried his work forward and expanded it to include national contracts and awards. Her father's sense of wisdom and grace was something she never lost, even when her managers quit after her father's passing, saying that a woman couldn't run a construction company.

"I understood. It was difficult, and they had other job offers on the table," she says.

Though she describes those days as pure panic, she saw longtime competitors and partner firms coming together and asking how they could help her — not as a business move, but as an act of kindness.

"I had people come up to me at my father's funeral — people I'd never even met — and they'd thank me because my father had done something kind for them," she says.

Her father didn't just build construction projects, he built relationships and a business — and he helped Denise build on her UNC education. If her journalism degree taught her about transparency, communications and adaptability, it was her father who guided her along the way.

That's reflected in the awards and publications she's been honored by, the business going on 44 years of growth, and her volunteer work with young women of color in the STEM field. And that confident exuberance? It comes in part from knowing that no matter which path she follows, she will always have the skills she needs to meet challenges head-on.

## Making a Difference through Disaster Relief

While most people have probably heard of Microsoft, they may not have heard of its Disaster Response and Humanitarian Services Department.

Lewis Curtis, the department's director and a 1992 UNC History grad, says the department's work is "about helping agencies in their time of need, for free."

Lewis, whose department has led more than 170 missions in 31 countries, says that "when agencies are in despair, when they're suffering, we bring in all engineering resources and talent and software and capabilities to help them reduce human suffering, to help them stabilize the area, as fast as possible."

In April 2015, after an earthquake in Nepal killed nearly 9,000 people, Lewis's team worked to help rebuild the country's



Lewis Curtis '92, Director, Microsoft Services  
Disaster Response and Humanitarian Services

PHOTO BY ANDREW WARREN

school system, developing a tracking system that helped them determine which children were orphaned and which administrators and teachers were affected, as well as identifying facilities and vehicles that were destroyed.

It's one example of the far-reaching work his department does. So how did someone with a degree in history find himself so deeply involved in disaster relief?

Lewis chose to study history because he wanted to improve his reading and writing skills. And he did. But what he gained beyond that was something unexpected. "At UNC, it wasn't about getting the technical skills to get a job," he says. "It was about learning how to think, and learning how to live and explore and how you invent the role you're called on in life. And that's what UNC was wonderful about."

His professors were a big factor in expanding his understanding as he studied for his degree, he says. "I'd get into those history classes where professors tell you, 'It's not about the answers that you try to regurgitate, it's the questions you choose to answer that make a difference in history, and how you look at the world, and how you make a difference in this world. And (it's about) those questions that will guide your decisions.'"

That depth of exploration and critical thinking is something that has impacted Lewis's career. Directing disaster relief efforts for Microsoft in some of the world's most deprived and desolated disaster zones takes critical thinking, planning, communicating and, most of all, empathy.

"I had a professor who pushed me to do a research project. I did research on Kurdish refugees and flew out to Ontario to spend time with Kurdish refugees from the mustard gas attacks during my Christmas break. It was incredibly moving," he says. "The empathy and understanding from that experience, it has helped me to this day. How you have empathy, how you look at a society — that didn't come from an MBA class, it didn't come from Microsoft training, it came from UNC."

Lewis's work has taken him around the globe, whether his team was working with the World Health Organization to respond to the Ebola outbreak, helping after Hurricanes Harvey, Irma and Maria, or analyzing information for how to get resources for Syrian refugees for the largest refugee camp in Jordan.

"Look at the students at UNC. They're givers, they're helpers, they're people who want to do something for the world, and they want to be teachers, they want to be social workers. UNC is a whole school of givers," he says. "How can you not be inspired by that?"

## Finding Home (and Careers) in a Backpack

When Rose Hedberg graduated from UNC in 2014 with a degree in English, she had one question: "What happens next?"

She knew she wanted to write for a living but didn't know how to get started. She also wanted to travel, inspired by a semester abroad in Ireland her junior year. But she felt adrift after she graduated.

"It's not quite the guarantee after graduation that others experienced. I wasn't limited to just one thing like nursing or teaching," she says of her humanities degree. "Theoretically, I possessed a skillset for any field. I needed to narrow my pursuits to one."

For three years, she worked for a local publication then moved on to work at Romas. Then she and her now-husband, Thomas Brath, 2014 UNC Theatre Arts alumnus, made a life shift.

In 2016, Rose and Thomas sold most of their belongings, packed what remained into two 65-liter backpacks, bought one-way tickets to South America, and planned to write about and photograph their travels along the way.

Their backpacking tour of South America, New Zealand, Asia and Europe, was set to last a year before they returned to the states. But the 12-month mark came and went, and they still hadn't come home. That's because "home" became an 8-by-8 foot shed in New Zealand for three months, a yurt in Colombia, tents in Peru, as well as vans, motorhomes, hostels and homestays.

"We've made a home out of the world because we know our needs, our comforts, and we know the importance of engaging with the community. Colorado will always be where we're from, but for us, home doesn't have to be confined to one place," Hedberg says.

At the moment, she and Thomas are living in Da Nang, Vietnam. She works at The American



Rose Hedberg '14, and Thomas Brath '14, Founders, [scratchmypack.com](http://scratchmypack.com)

Clockwise, photo 1: Hedberg and Brath nearing the top of the Santa Cruz Trek pass in Huaraz, Peru. Photo 2: The couple at Peak of Mt. Roy in Wanaka, New Zealand, where they lived for six months. Photo 3: The Dragon Bridge in Da Nang, Vietnam, and the current home to Hedberg and Brath. The bridge connects the two parts of the city over the Han River. *Photography by Thomas Brath, [scratchmypack.com](http://scratchmypack.com).*

University there as associate director of communications. Thomas teaches at an international school nearby.

“Having my bachelor’s degree was pivotal, she says. If I didn’t have my degree, I don’t think I would have ever been a candidate for hire. Working in a university, people want to understand that you’ve gone through the educational process. That you can understand the system.”

The American University in Vietnam is also where Rose and Thomas met three other UNC alumni, most notably Maynard Yutzy.

Yutzy first went abroad in 1968 and has spent his life teaching in Japan, China, Guam, and all over the United States. Now, he’s the vice principal of The American University’s attached elementary school and holds a master’s in education from UNC.

“Be honest with yourself, be introspective and listen to your emotions. Keep expanding your experiences and you’ll land on something you love,” Yutzy says.

It was his advice that helped Rose overcome challenges to writing.

“Being able to write fluidly was difficult before traveling” she says. “I knew that writing was easy if you were passionate about the subject, but I hadn’t discovered my love for storytelling and so writing in between college and traveling the world was awkward. My writing felt forced.”

When she found her passion in travel, the writing came easier, and just like her hike up the 15-thousand-foot Laguna 69 in Peru, she had finally reached the summit and could move in any direction.

“Leaving the USA was a mad dash for adventure, but it was also an unknown experiment in creativity. Our world trip was the ideal environment to flourish as a writer. On the road, inspiration was never lacking,” she says.

And for Rose and Thomas, that inspiration is reflected in their professional travel blog, [scratchmypack.com](http://scratchmypack.com), as well as in Rose’s own short stories. Thomas does freelance photography, capturing their life abroad, from mountain treks to mad dashes through cities. You can find much of his work illustrating Rose’s stories on their blog.

“I think I am definitely taking full advantage of doing things that make me happy,” Rose says, “some that might be ‘living the dream.’” **UNC**

➔ Read one of Rose’s essays at [medium.com/@roseahedberg/how-selling-everything-to-travel-transformed-me-as-a-writer-799de81d81a0](https://medium.com/@roseahedberg/how-selling-everything-to-travel-transformed-me-as-a-writer-799de81d81a0)

**Editor’s note:** Author Jason Keller worked for UNC’s Office of University Relations for more than a year until his graduation this December with a degree in Journalism. We will miss his outstanding writing skills and high energy initiative, and can’t wait to see where his path as a UNC alumnus will take him.

By Jaclyn Zubrzycki, Photography by Woody Myers

# REALITY CHECK

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**UNC'S CENTER FOR URBAN  
EDUCATION BUILDS BRIDGES  
WITH URBAN SCHOOLS**





CUE student Jennifer Ruiz works with gifted and talented students at a Denver elementary school.

2018-  
STAB

It was 1 p.m. on a Friday in October at the University of Northern Colorado's extended campus in Denver's Lowry neighborhood, and 24 students at the school's Center for Urban Education, or CUE, were making a transition that had by now become routine.

By morning, they were paraprofessionals: unlicensed teaching aides and classroom assistants working in Denver metro area schools.

By afternoon, they were undergraduate students, studying methods for teaching elementary school science, culturally responsive ways of working with students from different backgrounds, and more.

The students, many of them still wearing their schools' ID badges around their necks, were chatting in English and Spanish when Professor Frank Davila asked for their attention and laid out the plan for that afternoon's session of The Education of Mexican American Students. First, an outside speaker would present on current immigration issues. Then, the students would share lesson plans they had developed.

Davila also gave an update on a recent writing assignment: "I like how what you've written includes what you're learning from your students," he told the class.

This deep connection between the UNC students' education coursework, the school classrooms where they work, and the broader community contexts of urban schools is at the core of CUE's unique approach to teacher preparation.

At a time when teacher workforce diversity and teacher turnover in urban schools are concerns, CUE is filling a gap by offering a hands-on, immersive program for a diverse group of aspiring teachers.

CUE's students — nearly two-thirds of whom are people of color, and 90 percent of whom are first-generation college students — will have spent more than 3,000 hours in the classroom by the time they graduate. The state's requirement for an education degree is just 800 hours.

That time spent in schools makes a difference: CUE graduates leave the program well-grounded in the stresses and joys of working in urban schools. And in recent years, 100 percent of them have been hired as teachers by the time they graduate.



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CUE's immersive experience helps aspiring teachers prepare for the unique challenges of urban settings, and gives them more than 3,000 hours of classroom experience.

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Ruiz's own experiences learning English as a child have led her to minor in English as a Second Language.

In the 2017-18 school year, 50 CUE students work in Denver Public Schools, 15 in Aurora Public Schools, 20 in Cherry Creek, 15 in private schools, and the rest in other local districts, including Adams 12 and Littleton.

## HISTORY

Established in 2000 under the leadership of Irv Moskowitz, a former Denver Public Schools superintendent, CUE prepares teachers for the task of teaching in urban schools, which often serve students with diverse and complex backgrounds and needs.

The Center's current director, Rosanne Fulton, is a UNC alumna with decades of experience in urban school districts.

"The vision is to give people the working experience within the school and the opportunity to become teachers," she says. "It's a beautiful thing."

The Center currently enrolls 135 students focused on earning degrees in elementary education, special education, or early childhood education. Most earn a Culturally and Linguistically Diverse endorsement, which highlights their specific training in helping people transition to speaking English. The students also take liberal arts core classes through UNC's main campus in Greeley.

Aurora Principal Brian Duwe, one of the partner principals, said that high rates of teacher turnover in urban schools point to the need for programs like UNC's. In some Colorado districts, more than one in five teachers leave each year; in some schools, turnover rates are over 40 percent.

"I think about the sustainability," Duwe says. "By building that pipeline from within, starting as a para, progressing to student teaching and teaching, teachers will be more prepared and less overwhelmed. It sets them up for more success."

**IN SOME COLORADO DISTRICTS, MORE THAN ONE IN FIVE TEACHERS LEAVE EACH YEAR; IN SOME SCHOOLS, TURNOVER RATES ARE OVER 40 PERCENT.**

—Brian Duwe, Aurora principal

## DIVERSE LEARNERS

The diversity of the teaching force has been top of mind for many. Research indicates that if you're a student, having even one teacher who shares your race or ethnicity can help improve your academic outcomes. Yet in Denver Public Schools in 2017, for instance, about three-quarters of students were students of color, while 73 percent of teachers were white.

Denver is not alone: About 80 percent of public school teachers nationwide are white, while a majority of public school students are not.

Paraprofessionals, on the other hand, are more diverse. In 2016, 65 percent of DPS paraprofessionals were educators of color, the district's director of new teacher pathways and development told the education news site *Chalkbeat*.

That's why, in addition to teaching them about culturally responsive teaching practices, CUE focuses on supporting its majority-minority student body.

"Any number of our students didn't think they had the money or academic background to be successful in college," Fulton says. "We provide them support academically and work closely with resources at the larger campus in Greeley."

CUE also provides a career step for those who were already working as paras. While paraprofessionals perform an important role in classrooms, a search on the job site *Indeed.com* found that many in Colorado make less than \$13 an hour.

"For us to help students move from a paraprofessional to teacher earnings is huge," says Fulton.

## DIVERSIFYING THE TEACHING PROFESSION

Many CUE students come to the program having already worked in schools. One current student, for instance, was working in a school kitchen when she decided she wanted to teach.

In fact, just 27 percent of the school's students come right out of high school. The rest have some work or other education experience before they come to CUE.

That was true for Weston Bernal, a graduate who is now in his second year teaching second grade at Isabella Bird Community School in Denver.

Bernal had started but not completed an undergraduate degree more than 10 years ago. He spent much of his 20s working at Starbucks. As he progressed in his role there, he found that he loved training others. That got him thinking about finishing his education and becoming a teacher.

He now recommends the program to others. "The fact that it's here in Denver, working with this population—you get to work in classrooms ... more than what you would in another teacher prep program," he said.

And, with scholarships or grants, he said, "it's really doable" financially. That makes a difference in an era where the cost of higher education is increasing.

When Bernal thinks of the future, his concerns about his career path aren't about the stress of working in an urban school. He feels prepared for that. He's more concerned about the financial feasibility of teaching in a state where teachers' salaries have been ranked the least competitive in the nation.

"But what's so nice about the UNC program is that when I stepped into my role as a first-year teacher, I didn't feel like a first-year teacher," Bernal said. "I felt like someone who had a year or two under my belt."

Another highlight for Bernal: The program's diversity and its focus on preparing teachers to work with diverse students.

"Growing up in Greeley, there's a difference in the classrooms [in Denver] from a diversity perspective," he said. "In elementary school, I was one of a few Hispanic kids with a bunch of white kids. I wasn't necessarily able to identify with the people around me. Being in Denver, living in Denver, having a diverse community of people—what I've seen is, with diversity, you need specialized training, you need to understand culturally where people are coming from."

**"ANY NUMBER OF OUR STUDENTS DIDN'T THINK THEY HAD THE MONEY OR ACADEMIC BACKGROUND TO BE SUCCESSFUL IN COLLEGE."**

—Rosanne Fulton, CUE director

## A REALITY CHECK

In Davila's class in October, Jennifer Ruiz, a current CUE student, echoed Bernal's comments.

Ruiz is an immigrant from El Salvador with temporary protected status who moved to the U.S. as a four-year-old. She is minoring in English as a Second Language.

"To me that was so important because of my personal experience," she says. "I knew Spanish but had to learn English, and a lot of the ways they worked with me were awful."

She says as a young person, she was pulled out of the classroom regularly. When she finally learned English, she says, she was placed in her school's gifted and talented program. But before then, she says, "I felt they thought my language was a deficit rather than an asset. I knew what was going on, but I couldn't communicate."

At CUE, she says, "it's a very hands-on experience. You get to speak up, you get to be listened to, and you're accepted. It's diverse: Michele's from Peru, I'm from El Salvador, Nicole's from New Jersey."

Ruiz works with gifted and talented students at the Polaris at Ebert Elementary School in Denver.

She says working half days as a paraprofessional before coming to class made for long days, but the model of working while studying is helpful. "It's a reality check. In all of my classes, they're teaching me content but also how to deal with specific situations that I go through in the day." **UNC**

BLUE & GOLD



**JEFF CRABTREE '05**  
Crabtree Brewing Company



# Bear **Brewers**

UNC alumnus Jeff Crabtree shares his expertise — and brews some ah ha moments with UNC students.



UNC “Top Hops” students work with alumnus Jeff Crabtree, ’05, at his brewery, gaining hands-on experience in brews science from concept development to product marketing.

Photography by Woody Myers

**A**s a fifth-generation entrepreneur, UNC alumnus Jeff Crabtree ’05 (Business Economics) knew he wanted to open a brewery in Greeley even before he graduated.

“Not only was I graduating and going through all of my finals,” Crabtree says, “I was also signing leases and applying for federal and state approval to open a brewery.”

In May 2006, Crabtree established Greeley’s first production brewery, Crabtree Brewing Company, rooting craft beer firmly in the city scene. When city code for breweries changed from industrial to medium commercial in 2011 (a change which Crabtree endorsed), it paved the way for the city’s now vibrant brewing economy and made Greeley a destination for craft beer enthusiasts.

“You’re now able to go through seven different craft breweries in our town. It’s phenomenal. It’s great for our economy and our citizens,” Crabtree says.

Crabtree’s interests have always gravitated toward the intricacies of the manufacturing process, but when his consumers wanted a tasting room experience in the same facility where the beer is made, he evolved his business plan. Crabtree purchased and designed a new location for Crabtree Brewing as a family-friendly destination brewery, with an expanded tasting room and large living room, two beer gardens, a cherry orchard and a Zen garden.

“The most important thing is we’re a community brewery. This is Greeley’s brewery,” Crabtree said. “It’s important to be a part of your community, and we’ve had great relationships forged out of owning this business in Greeley. UNC is also a part of that community, and it’s helped me with relationships that I wouldn’t have received anywhere else. What I took from UNC that helped my career was phenomenal.”

A sponsor of UNC Athletics and the UNC Alumni Association tailgates, Crabtree believes in giving back. He reached out to students, working with Professor Michael Mosher of the UNC Brewing Science Program to develop the Top Hop program, which brings top UNC students into Crabtree’s brewery to learn to develop beer from concept to market.

This spring, four UNC students became the first Top Hops. They were responsible for developing a beer concept, creating the recipe, sourcing necessary ingredients, brewing, filtering, transferring and packaging the beer, designing the label concept, creating the release event, and more. The resulting brew, the Klawz Kollab, was then distributed for sale in local and regional liquor stores and restaurants, as well as at Bears home football games for the Alumni Association tailgate. A portion of Kollab proceeds also goes toward a scholarship for future UNC brewing science students.

“The experience I had with the first four students was unbelievable,” Crabtree says. “Doing this as a career, I’ve seen it all, but seeing it through their eyes was the ah ha moment ... to have them smell that wort and smell those hops, you could just see the hook. You could see the passion.”

—Amber Medina

*“We’re a community  
brewery. This is  
Greeley’s brewery.”*

—Jeff Crabtree



# Alumni Notes

Editor's note: Alumni News items are submitted by alumni and are not verified by the editors. While we welcome alumni news, *UNC Magazine* is not responsible for the information contained in these submissions.

Submit Alumni Notes online at [unco.edu/uncmagazine](http://unco.edu/uncmagazine)

Follow along on Twitter @UNCBearsAlumni for up-to-date alumni news and highlights

## 60s

**Ronald James "Ron" Newton** BA '61, Coppell, Texas, authored *Here's the Score*; an account of Ron's "struggles in the classroom, on the basketball court, and portrays his striving toward development of meaningful relationships." Ron and his wife, Mary Newton BA '61 graduated from UNC along with nine other family members.

**Carl Silber** BA '62, Colorado Springs, received The President's Volunteer of the Year Award at Peterson Air and Space Museum, Peterson AFB in Colorado Springs.

**James "Jim" Cantrell** MA '65, Bardstown, Ky., was among 15 artists selected to be included in the Manifest Gallery's 10<sup>th</sup> Annual NUDE Exhibition in Cincinnati, Ohio.

## 70s

**Kent Corkran** MA '73, BA '72, Beaverton, Ore., has worked for the U.S. Social Security Administration for 40 years as a Claims Representative, Claims Specialist, Management Support Specialist, Assistant District Manager, Claims Representative Instructor, and National Training Cadre Specialist, and is currently an Operations Supervisor.

**Gregory Michno** MA '73, Erie, had his 13<sup>th</sup> and 14<sup>th</sup> non-fiction American history books published in 2017: *The Three Battles of Sand Creek: In Blood, In Court, and as the End of History* (Savas Beatie); *Depredation and Deceit: The Making of the Jicarilla and Ute Wars in New Mexico* (University of Oklahoma Press).

**E. Michael Rosser** MA '73, Aurora, recently published *A History of Mortgage Banking in the West: Financing America's Dreams*, the first definite history of this \$14 trillion industry.

**Neil Best** MA '74, BA '70, Greeley, continues his career in public broadcasting as President and CEO of Community Radio for Northern Colorado dba KUNC-FM and the Colorado Sound, a music discovery station. Best is also a member of the Board of Directors of the Colorado Humanities Council and President of Western States Public

Radio, a consortium of public radio stations in 11 western states and Guam.

**Margaret E. Mizushima** BA '74, Wellington, has been named as a finalist for the RT Reviewers' Choice Best Book Award for her novel *Hunting Hour*, which is one of five finalists in the Mystery category. Mizushima also released *Burning Ridge* published by Crooked Lane Books in September 2018.

**Rick Robinson** MA '76, BA '74 Cheyenne, Wyo., was appointed by Governor Matt Mead to a three-year term on the Wyoming Mental Health Profession's Licensing Board. This board governs the licensure and certification of Wyoming mental health professionals in the fields of counseling, social work, addictions, and marriage and family therapy. Robinson was also a member of the 1972-1973 Swimming and Diving Team inducted into the UNC Athletics Hall of Fame, Class of 2014.

**Steven "Steve" Hornibrook** BA '78, Reno, Nev., appeared as Abner Dillon in City Springs Theater Company's grand opening production of *42<sup>nd</sup> Street* at the new 1,100 seat Byers Theater in Sandy Springs, Ga.

**Catherine Olin** BA '78, Canon City, retired after 30 years of teaching with 28 years spent in Canon City Schools.

**Mary E. "Beth" Carlberg** AB '79, Greeley, celebrated 35 years as a State of Colorado employee with 25 years in the Department of Transportation. Carlberg is also co-owner of Too Much Fun!, a DJ service with her husband, Neil; working alongside their sons, Nick and Kevin.

**Mary Jo Drew** BA '79, Loveland, has relocated back to her native Colorado after a 30-year absence

in pursuit of her career in blood banking and transfusion medicine.

## 80s

**Lynn Mestnick Johnson** BA '81, Lakewood, was nominated by President Trump and later confirmed by the Senate to lead the Administration for Children and Families at the Department of Health and Human Services.

**Marc LaChance** BME '83, Roanoke, Va., has accepted a position in the music department at Roanoke College in Salem, Va. LaChance will direct the Wind Ensemble and Jazz Ensemble.

**Mary Ellen Attridge** BA '84, Carlsbad, Calif., has retired after 30 years practicing criminal defense law in San Diego, Calif. Most recently, Attridge served as the Senior Supervising Attorney of the San Diego Alternate Public Defender. Featured in several national news stories, Attridge specialized in homicide defense, and was honored as the top criminal defense attorney for the State of California by California Attorneys for Criminal Justice in 1998. Additionally, she served as the President of the San Diego Criminal Defense Lawyers Club in 2016.

**Patrick M. Dennis** MA '84, Waterloo, Ont., Canada, is a retired Canadian Air Force colonel who recently wrote *Reluctant Warriors: Canadian Conscripts and the Great War* (University of British Columbia Press in co-operation with the Canadian War Museum, Sept. 2017).

**Edmund Kellerman** MA '89, Gainesville, Fla., was named 2017 Teacher of the Year from the Florida Communication Association. He was cited for innovation in the classroom and curricula,

### Who plays Tom Koracick on *Grey's Anatomy*?

UNC alumnus Greg Germann '78 is a familiar face in the television world and he has been an active actor for over three decades. He's known on *Grey's Anatomy* as Dr. Tom Koracick and while that role is huge, Germann is most recognizable from playing Richard Fish from *Ally McBeal*.

Read more via *Monster Critics* at <http://j.mp/2Pehvuz>



International Scholars Program to Tunisia and Fulbright Scholars Awards to Malaysia, research and publications, and 24 years of service to the University of Florida and Santa Fe College. Kellerman wishes to cite Dennis Warnemunde, retired UNC professor, and all Speech and Communication Studies professors as inspirational role models for his successful teaching, research, and service career.

## 90s

**Martin “Marty” Lamansky** MA '90, BA '80, Steamboat Springs, retired June 29 after 38 years teaching in the Steamboat Springs School District. Lamansky served as a classroom teacher, Assistant Principal, and the Director of Teaching for the Steamboat Springs School District.

**Tyson Miller** BA '95, Fort Collins, is the Chief Financial Officer for Hill Petroleum in the Greater Denver Area.

**Ken Reed** Ed.D. '95, Littleton, authored *The Sports Reformers: Working to Make the World of Sports a Better Place*.

**Carrie Anne Cavallo** BA '96, Long Beach Township, N.J., has been sworn in as president of the Brooklyn Women's Bar Association.

**Jennifer Briggs** BS '97, Windsor, was named a fellow with Rutgers University.

**Jennifer Kirkland** BA '99, Gypsum, is a 911 Operations Administrator for Vail Public Safety Communications Center.

**Justin Kirkland** BA '99, Gypsum, is the Fire Chief of the Gypsum Fire Protection District. Chief Kirkland was instrumental in saving homes in the El Jebel Mobile Home Park from the Lake Christine Fire in Basalt this summer. Kirkland was on the front line with a strike team and together they saved the mobile home park from the flames, which came right up to the houses before the strike team beat them back.

## 00s

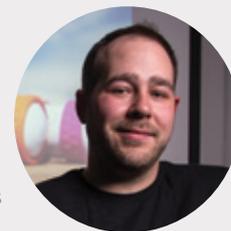
**Rosenna Bakari** Ph.D. '00, Colorado Springs, has written a memoir, *Too Much Love Is Not Enough* in which she discusses living as an adult survivor of childhood sexual abuse and why she decided to break her silence.

**Raychel (Maetz) Roy** BA '01, Superior, is back home in Colorado to help CU Boulder plan for their sesquicentennial fundraising campaign.

**Kurt Lewis** BA '02, Chicago, Ill., is the 2018 recipient of the “St. Peter the Rock” Award. The Archdiocese of Chicago's Office of Catholic Schools (OCS) presents this award annually to an employee who not only demonstrates outstanding service in their role, but personifies the educational and

## UNC Alumnus Adam Wilson Featured in new Microsoft ad

As Chief Creative Officer and co-founder of Sphero, Adam Wilson '10 has realized his childhood dream of building robots and is featured in Microsoft's new Surface Pro 6 spot.



➔ Check out the spot at <http://j.mp/2RLITSI>

Catholic mission of the OCS through their attitude and treatment of others.

**Charlie Jeffords** BA '03, and **Amber Jeffords** BA '03, Fountain, will celebrate 15 years of wedded bliss in July 2018. Both completed 12 and 14 years of teaching, respectively, at Fountain-Fort Carson High School in Colorado.

**Kathryn Skulley** Ph.D. '04, MA '93, BA '91, Westminster, works at Front Range Community College as the Assistant Director of Academic Services. Skulley was elected to the city of Westminster City Council in November 2017.

**Jonathan Allen** BM '05, North Liberty, Iowa, serves as a Lecturer of Trombone at the University of Iowa where he maintains a studio of more than 20 trombone students as well as serving as the Brass Area Head. In July 2018, Allen hosted the International Trombone Festival at the University of Iowa.

**Hannah J. Braun** BA '05, Pickerington, Ohio has written *Learn to Read Activity Book: 101 Fun Lessons to Teach Your Child to Read* and *Learn to Read for Kids with Dyslexia: 101 Games and Activities to Teach Your Child to Read*.

**Thomas Hayden** BA '05, Denver, was issued two patents from the U.S. Patent and Trademark Office for his creation of an earbud headphone adapter and ROCKZ!

**Cynthia Pohlson** BA '05, Colorado Springs, has been cast in a production of *The Crucible* at the Stray Dog Theatre in St. Louis.

**Aaron Young** BA '06, New York, N.Y., has been cast as the Prince in *Cinderella* at the Tuacahn Center for the Arts in Utah.

**Neyla M. Pekarek** MA '09, Denver, has been commissioned by the Denver Center of Performing Arts to create a new theater piece titled *Rattlesnake Kate* based on the true story of Kate McHale, who in 1925 fought off 125 rattlesnakes to save her 3-year-old child.

## 10s

**Tyler Ledon** BA '11, North Hollywood, Calif., has been cast in the Out of the Box production of *American Idiot* at Center Stage Theatre in Santa Barbara, Calif.

**Erika Vetter Fontana** BA '12, Fountain, has been accepted into the MFA Acting Program at the University of Washington.



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**Stephanie Darby** BS '13, Austin, Texas, has accepted an assistantship in the MRA Scenic Design Program at the University of Minnesota Twin Cities.

**Aisha Jackson** BA '13, New York, N.Y., became the first African-American Disney Princess when she appeared as Anna in the Broadway musical *Frozen* on March 28, 2018.

**Keith Lindgren** BA '13, Sioux City, Iowa, has been named the inaugural men's lacrosse head coach at Morningside University. He previously held the same position at Adams State as well as the University of Dallas.

**Andrew Russell** BA '13, Westminster, won Best Animated TV Show at the Teen Choice awards for *Lady Bug*, an animated TV show in which Russell voices the role of Luka.

**Emily Rae Batterson** BA '14, Gilbert, Ariz., is appearing in *Blackbird* at the Mendocino Theatre Company in Calif.

**Jake Corcoran** BA '15, Greeley, made his New York City debut in *Me and My Girl* as a part of City Center's 'Encores!' series in May.

**Lilian Brown** BA '16, Las Vegas, Nev., has been accepted into the MFA Acting Program at Ohio State University.

**Samantha "Sammie" Harroun** BA '16, Longmont, accepted a position as a K-5 Drama Teacher for Montclair Elementary School in Denver.

**Connor McRaith** BA '16, Burbank, Calif., cast as Brendan in *The Aspen Project*, which was shown as part of the Beverly Hills Film festival in April.

**Cameron Koshgam** BA '18, Frisco, Texas, has been accepted into the MFA acting program at the University of West Virginia.

**UNC DEPARTMENT OF AEROSPACE STUDIES/AIR FORCE ROTC COMMISSIONED FIVE GRADUATING CADETS AS SECOND LIEUTENANT IN THE UNITED STATES AIR FORCE:**

- Ascheleigh N. A. Downum BS '18
- Henry J. Hyde BS '18
- Miguel A. Rios BS '18
- Seamus M. Severance BA '18, BS '18
- Jacob W. Solseth BS '18

## Mailbag

### An excerpt from your letters:

I am proud to be a Bear! Both my parents attended UNC back in the 1960's and 1970's. My dad, James H. Smith, received his Master's in Education in the early 1970's. My mom, JoAnn Beran (Smith), attended UNC for coursework in the 1970's. My years at UNC were filled with learning and growing. I understood that I was supposed to be an educator, and my double major in Elementary and Middle School Education was a great first step. I have since completed a Master's in School Administration (1995) and a second Master's in Special Education in 2004. As of today, I have been in education for almost 29 years.

I currently teach special education, self-contained life skills for students in second through fifth grades in the North Thurston Public Schools in Lacey, Washington. I am also an adjunct professor at Centralia College where I am teaching prospective teachers general and special education skills and strategies. Living and working in the Great Northwest is exciting, and I do know I am making a difference for the learners with whom I work. Thank you UNC for giving me a great start!

—James M. Smith BAE '88, Olympia, Wash.



### SETTING THE RECORD STRAIGHT

Thank you for mentioning me in your alumni notes, but I would like to correct the record. After a successful career as an actor in NYC, appearing in four Broadway shows and four national tours, I have transitioned to costume supervising for which I won an Emmy for *Sex and the City*. Although I did not work on *War Paint*, I was the Costume Supervisor for *The Greatest Showman*.

—Mark Agnes BA '80, New York, NY

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# FROM THE VAULT

## VINCENT JACKSON TURNS PAGE ON PROLIFIC NFL CAREER

**This May, ESPN announced that Vincent Jackson officially retired from the NFL. Truth be told, Jackson had decided to quit football five months earlier.**



One of the best college and NFL wide receivers of his time, he had already plunged into life after football, fully ensconced as the full-time CEO of a real estate development and finance company he co-founded in 2008. He had stakes in seven restaurants nationwide. He'd started a nonprofit that honored his parents' former occupations, the Jackson in Action 83 Foundation, which provides support to military families.

That was, honestly, the life he always thought he'd have, as a businessman and

husband and father. Football was a last-second decision, albeit a good one.

At 35, Jackson is thankful for a 12-year career in the NFL, and even more thankful that his body doesn't show it after playing football since he was 14. He avoided major surgeries and concussions.

"I was fortunate, trust me," Jackson says. "I never took many major hits."

Satisfied with his NFL career, Jackson reflected on his journey. By the time scouts came to watch him his senior year, to see if there really was a small-college wide receiver who was as tall as a small forward, weighed about as much as a tight end and could run like a track star, Jackson knew he had a tough decision.

Nearing the end of his record-setting UNC career, he had to decide on earning a degree or taking a chance to play in the NFL. Some projected him being drafted in the second round, which held the prospect of a lucrative contract.

That's a no-brainer, right?

"No, I chewed over it with my parents for a long time," Jackson says.

Jackson had 15 credit hours left to earn a degree, and he worried that he wasn't representing what it meant to be a student-athlete. UNC meant a lot to him, as it was the only university to offer him an athletic scholarship, even if he had to play basketball as well to get a full ride. He loved being a part of a program that grew into a Division I school. It was organic, he says, and made him feel like a grassroots athlete, not the pampered players he met from large Division I schools at the Senior Bowl.

"Those players talked about not going to class very much," Jackson says. "But at UNC, it wasn't like I couldn't just show up to class. My professors had the same expectations of me that they did any other student."

Yet, Jackson loved football. It WAS fun. It was so fun, Jackson swears he didn't think about the money or the fame. He just wanted to play at the highest level and maybe prove that a small-school athlete could make it just as someone from, say, Alabama. So he told his parents that he was going to give the NFL a try.



Drafted in the second round by San Diego, Jackson would go on to Tampa Bay and finish with 540 catches and 9,080 yards with 57 touchdowns. He was one of the best receivers of the 2000s and made many fantasy football owners happy for his knack for big plays. He also, yes, made enough to set up his family for generations and became perhaps UNC's most famous football player.

Jackson later finished his degree at the University of South Florida. He always wished he could finish it at UNC, but the demands of football wouldn't allow him to travel to Greeley.

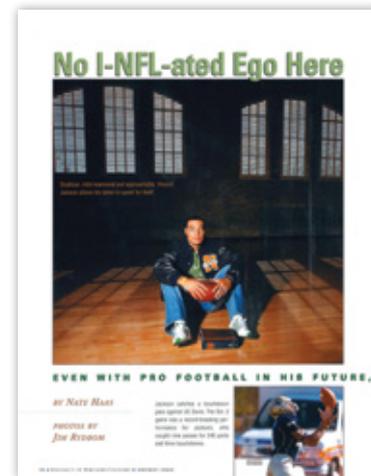
As he now mentors current and former players, one of the messages he emphasizes is preparing for life's next chapter while they're in the spotlight.

"You can network with any industry you want to be in," Jackson says. "People will want to talk to you. There's other options than coaching and broadcasting. Those are good options, but you can do anything you want, really."

Jackson was prepared, he says, because of his hard-working parents, who insisted he take a job while growing up if he wanted a new pair of basketball shoes. Jackson worked many jobs, including at Coyote's restaurant in Greeley (which inspired him to invest in restaurants), or busing at his parents' military base and housekeeping at a Super 8.

"I don't consider myself an expert," Jackson says, "but even as a player, I was evaluating projects and trying to understand the business. You need to start preparing for your life now because in the NFL, you never know when that's coming."

—Dan England; photos courtesy Vincent Jackson



 In 2005, the UNC alumni magazine featured Jackson. The article, "No I-NFL-ated Ego Here," is available at [unco.edu/unc-magazine](http://unco.edu/unc-magazine).

 Read about former UNC players, Dirk Johnson, Aaron Smith and Brad Pyatt, who've also since moved on from successful NFL careers at [unco.edu/unc-magazine](http://unco.edu/unc-magazine).

# In Memory

## 1940s

Jennie Oman LC '40  
 Audrey Curtis BA '43  
 Marjorie M. Bender BA '44  
 Leona D. Hefner MA '44, BA '40  
 Marjorie (Dudley) Reddick MA '47  
 Albert Joseph Buzbee BA '48

## 1950s

Joyce Arlene (Koeneke) McNey BA '51  
 Harold Robert Pfenning BA '51  
 Eugene "Gene" "Cooch" Caranci MA '52, BA '51  
 Philip McKee EuBanks Sr. BA '52  
 Dwayne Gene August Schramm MA '53  
 Wayne W. Howbert MA '54  
 William Bolitho BA '55  
 Harold Emil Krueger MA '55  
 F. Dean Lillie AB '55  
 Ferol Louise Miles BA '55  
 Orville Riddle MA '55, BA '50  
 James Darrell Bolin BA '56  
 Esther Maddox MA '56  
 Bernard "Bernie" Riggs BA '56  
 Louise I. Riggs BA '56  
 Effie Mae (Chamberlin) Beller MA '57  
 Earlynne "Lynne" Long BA '57  
 Josephine Theresa Mancuso MA '57  
 Richard Danton Grover BA '58  
 Robert James Ingebritson BA '58  
 Dorothy Marie Mandiloff BA '58  
 George E. Swafford Ed.D. '59  
 Lorraine B. Witt BA '59

## 1960s

Gene Russel Arehart BA '60  
 Ronald L. Vandegriff BA '60  
 Leonard Alan Hawley MA '61  
 Ronald M. Brown MA '62, BA '60  
 Larry Cromwell MA '62  
 Gladys Ann (Fujaros) Mathews BA '62  
 Alfred Eugene "Gene" Twomey Ed.D. '62, MA '54  
 Bonnie Jean (Stoll) Brethauer BA '63  
 Byron Owen Brookhart BA '63  
 Lyle D. Hettinger BA '63  
 Barbara Howell BA '63  
 Richard M. Kohl BA '63  
 Charles "Chuck" Buchanan McPherson BS '63  
 Ronald Clifton Bates MA '64  
 Bonnie R. (Colescott) Kohl BA '64  
 Dorothy Rod Bohan MA '65  
 Sylvia Minnick BA '65  
 Kaye Don Owens Ed.D. '65, MA '61  
 Geraldine "Jerry" Fornes BA '66  
 Lowell Earl Johnson MA '66  
 Eddie Ham Spence MA '66  
 Roy Edward Uhrig MA '78 BA '66  
 Lawrence D. "Larry" Allison BA '67  
 William "Frank" Hammond MA '68

Leroy I. Martinez MA '68  
 Gerald L. Oehm MA '68  
 Dwayne M. Perrigo BA '68  
 John Kevin "Jack" Dow BS '69  
 Marlo Rex Meakins MA '69, BA '65  
 Jill Marie Stofen-Fisher BA '69

## 1970s

Neil Bailey MA '70  
 Jean Ellen Harley BA '70  
 Maurine G. Summers BA '70  
 Cliff Fletcher BA '73  
 James Harvey Rickhoff MA '73  
 Suzanne (McLean) Giles BA '74  
 David Allen Gootee MA '74  
 Charles Kenneth Howerton BS '74  
 Dennis Jerome Hurianek MA '74, BA '69  
 Kay Lynn Price BA '74  
 Terry Anne (Takase) Shlaes BA '74  
 John Robert Stoneman BS '74  
 Eugene "Gene" Allison BA '76  
 Ella Kathryn Heitman MA '76  
 Donna (Tremaroli) Bender BS '77  
 Eva Mae (Slagle) King BA '77  
 Melinda R. (Miller) Krumm MA '77  
 Douglas Wilson Schott MA '77  
 Donald P. Steinbrecher BS '77  
 Roger S. Tumbaga MA '77  
 Rev. James Leslie "Jim" Kidd MA '78  
 George Ralph Olson MS '78  
 Roy Edward Uhrig MA '78, BA '66  
 Neil Argo MM '79  
 Edward Leslie Meaders BS '79

## 1980s

Terry Tyson MS '81  
 Roberta "Bobby" McKinley MA '82, AB '48  
 Scott Hardy BA '83  
 Rosemarie L. Millard MA '83  
 Peter N. Rhoad BA '83  
 Robert Dean Wing BS '83  
 Vernon Stanley "Stan" Moeller MS '84  
 Richard "Richie" Sanger BS '84  
 Gloriane Rose Crater BA '85  
 Sherri Marshall BS '85  
 James Mike Nachazel MA '85, BA '62  
 Kelly Michelle Yarish BA '86  
 Linda Cleland BA '89  
 Douglas B. Goodman MBA '87  
 Victor Zaragoza Ed.D. '87  
 Linda Cleland BS '89

## 1990s

Janie Livingston (Adams) Hoshijo BA '91  
 Larisa Ann Slauson BA '94  
 David A. Kieffer PSY '96  
 Michael J. Stanley BA '97  
 Loyd Griggs BA '98

## 2000s

Michael Shriner Goar MS '02

# TRIBUTES

**Marjorie "Marge" (Dudley) Reddick** MA '47 passed away at the age of 99 on June 9, 2018. Marjorie told this story about meeting her husband: "I met Glenn Reddick in the fall of 1946 in the library of Colorado State College of Education as we were both researching topics related to Far Eastern Religions. It seemed one of us had always checked out the book the other was looking for. That's how on a particular night we both came to the same book at the same time. And — as the movies used to say 'The rest is history.'" Marge was buried next to Glenn.

**Many years ago, my wife, Myra,** talked me into leaving everything behind in Texas and moving to Colorado so that she could pursue a master's degree in Special Education at UNC. It was one of only a few schools that offered a special program in teaching visually handicapped people in either a classroom setting or rehabilitation setting. She was very good at persuading. Since I had to tag along, I also decided to explore advanced educational opportunities at UNC. I enrolled in the Ed.D. program and specialized in Business Education — Organizational Development. Our experience at UNC was one of our greatest of all time. I will never forget that time in my life. The professors were great, the school was wonderful and the community outstanding. Myra went on to become an outstanding teacher, working with the visually handicapped/mentally challenged students. She had a special skill. I completed a career in healthcare management. Myra passed in 2017. She always talked about her great time at UNC, all the way to the end.

—Roscoe "Ric" Trout Ed.D. '76



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PHOTO BY ROB TRUBIA

## Last Look Striking Familiar Chords

**LAURA HULSEY HAS A RULE WHENEVER KEN SINGLETON, UNC'S DIRECTOR OF BANDS,** comes to see her in her office as UNC's degree compliance specialist: He has to sing the UNC fight song written by her father, Derryl Faber Goes.

Goes was a jazz musician who taught at UNC from 1965 to 1983, and Hulsey remembers him hunched over the piano, composing and arranging. He made a name for himself as a drummer and jazz composer. And he's best known for writing a march that he considered his finest work.

When Goes started at UNC in the 1960s, he was thrilled to be in charge of the marching band. A perfectionist, it took him years to finish the fight song. The former Navy band member knew what it meant to write a song that UNC would use to cheer on his beloved Bears.

"It was a big deal for him," Hulsey says. "It was something he was very proud of."

First copyrighted in 1971, then published in 1972, it was noted as the official football song of the Broncos at that time. Goes also played in the Bronco band.

Yet it didn't bother him when Ken Singleton, UNC's director of bands who began teaching here in 1985, rearranged the song for a huge band and added a "Go Bears" in the middle of it.

"I have well over 100 publications and arrangements," Singleton says, "and the fight song's been played more than any of them combined, probably."

Singleton acknowledges that band members like to add their own bits to a fight song, which sounds like sacrilege until you consider that bands will perform the fight song thousands of times. Singleton added a bit of the "Hallelujah" chorus and the "Stars and Stripes Forever" and Strauss' "Horn Concerto No. 1." It's all in the song's second half, and it sounds like the band's lost its mind, Singleton says. He even named it "Fite Song" to reflect its crazy nature.

But the tune, Singleton says, is Goes' all the way, and it's doubtful the average sports fan hears those additions at all. Before he died at age 82, UNC honored Goes at a basketball game. A humble man, he could barely speak, he was so honored.

And, each time the Fite Song fills a stadium or a basketball court, the Bears pay tribute to the man who composed it.

—Dan England



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