

COLORADO STATE

A Magazine for Alumni and Friends

SPRING 2012

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A Bold New Era

New Athletic Director, New Coaches,
and a Whole New Attitude

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Super Bowl CEO

and CSU's Top Chef



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Sunny Palm Springs

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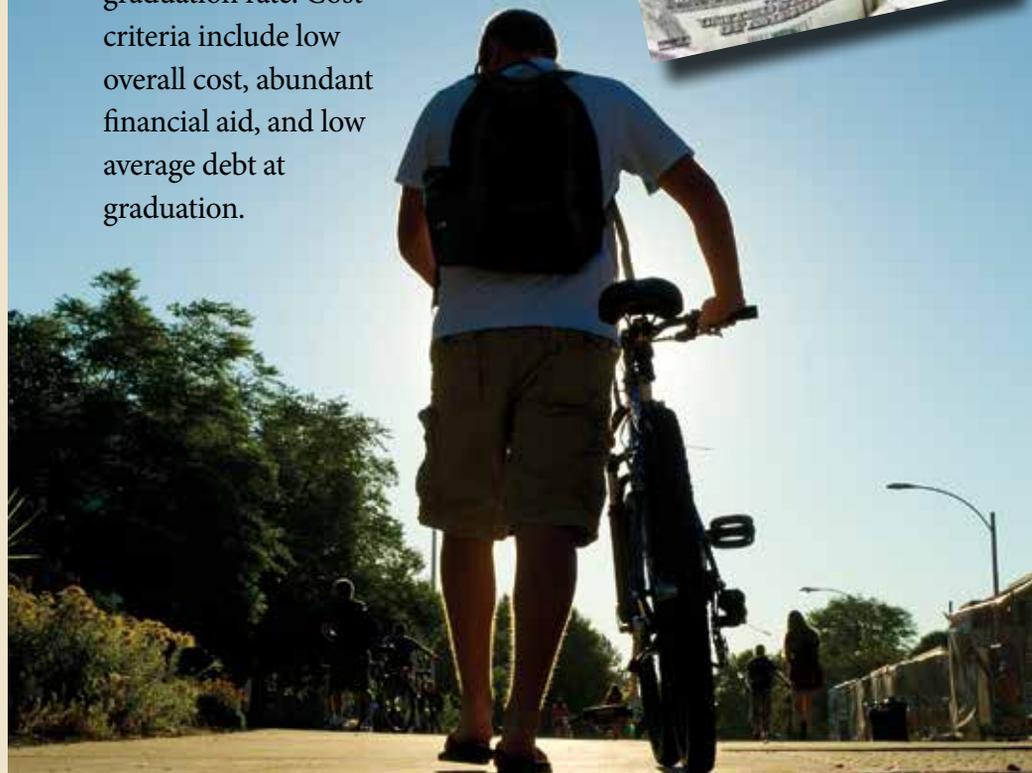
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CSU A BEST VALUE

Colorado State University has been named to *Kiplinger's Personal Finance* magazine's list of "Top 100 Best Values" in public colleges for 2011-12. The ranking cites four-year schools that combine outstanding education with economic value.

"As states cut funding for higher education and tuition continues to climb, the word 'value' is more significant than ever," says Jane Bennett Clark, senior editor at *Kiplinger's Personal Finance*. "This year's top 100 public schools deliver strong academics at reasonable prices. We applaud these institutions for tightening their belts without compromising quality."

This year, *Kiplinger's* revamped the rankings to give more weight to academic value, such as the percentage of students who return for sophomore year and the four-year graduation rate. Cost criteria include low overall cost, abundant financial aid, and low average debt at graduation.



CSU'S OWN 'TOP CHEF'

Our interviewer catches up with Chef Garrett Overlee for some quick Q&A about his new job, what makes a great chef, and yes, grilled cheese sandwiches.

Q&A Cooking is a pop culture trend du jour, with audiences across the nation devouring a buffet of shows like “Top Chef” and “Iron Chef” America. An entirely new industry has sprouted up around food with magazines, television networks, and even feature-length films focusing on gastronomic personalities and pursuits.

Colorado State University’s own “top chef,” Garrett Overlee, was recently named the new instructional chef at the Aspen Grille, the University’s award-winning, student-run restaurant located in the Lory Student Center. Overlee is a 2005 graduate of CSU’s Restaurant and Resort Management Program who has returned to the University to help the next generation of chefs and restaurateurs get their start in the industry.

Why did you become a chef?

As a kid, I was a restaurant brat. Both of my grandfathers owned and worked in restaurants. And my first jobs with my aunt were in restaurants. I came to CSU as an open option student with no plan. When I found out CSU had a restaurant degree program, I immediately signed up.

What do you want CSU students to get out of working and learning from you at the Aspen Grille?

I want them to understand the bare minimum of what they need to know how to do – if the dishwasher doesn’t show up and they have to wash dishes or how to fix the grill if it catches on fire. In short, I hope they learn how to run a kitchen and a restaurant.

You are at home in your pajamas. What do you make for dinner?

A grilled cheese sandwich. I actually had that the other day. I think right now fancy grilled cheese sandwiches are kind of the trend. Sometimes when I’m at home I try to create one that I could charge customers \$8 for.



When you create a dish, what elements do you keep in mind?

Always keep the guests’ perception in mind so that we meet and then exceed their expectations whenever possible. It can be tricky because if you sell something like a grilled cheese sandwich and you make it too fancy, someone can say, “Well, this isn’t a grilled cheese as I know it.” But being able to make a grilled cheese, charge \$8-\$10 dollars for it and have them say, “That was phenomenal. I can’t make that at home, but I want to see if I can make that at home because I want it again.”

I’m noticing a theme of grilled cheese sandwiches...

Obsessed.



AMAZON FROG DISCOVERED

The diversity of frogs in the Amazon is much greater than previously recorded. CSU ecologist Chris Funk sampled specimens in six countries in the Amazon Basin and found an estimated 12 new species, including this tiny tree frog. To learn more, visit www.today.colostate.edu/story.aspx?id=6496.

RAM CHAMPIONS

Rams Sport Club Teams National Championships:

- 🏆 **Baseball 2004, 2005, 2006, 2008, 2009, 2010**
- 🏆 **Men's Lacrosse 1999, 2001, 2003, 2006**
- 🏆 **Men's Ice Hockey 1995**
- 🏆 **Men's Polo 1990, 1991, 1999**
- 🏆 **Women's Lacrosse 2008, 2010, 2011**
- 🏆 **Women's Soccer 1996, 1997, 1998, 1999**
- 🏆 **Disc Golf 2012**



KINGS OF THE DISC

The Rams Disc Golf sport club team captured the title at the National Collegiate Disc Golf Championships held in North Augusta, S.C. From left, CSU Rams Ezequiel Delatorre, Ryan Knuth, Austin Montgomery, and Jarrod Roan hoist the champions' trophy at the conclusion of the final round April 17. Roan also won the individual National Championship as the best finishing player in the singles division and was named first team All-American. Montgomery was also named first team All-American.

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for the future.



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Lory Student Center 50th Anniversary, Fall 2012

2012 marks five decades of student growth at CSU through the Lory Student Center. To commemorate, we plan three weeks of celebration this fall, ending in a gala during homecoming week 2012. Fifty glorious years of amazing memories, cherished moments and monumental events experienced through the eyes of students in the living room of the Colorado State University campus.

Looking back; Looking Forward

As we invite you to campus to share in the LSC's golden anniversary, we also invite you to share your memories of *the people, places, and programs housed within the building* via the LSC website. These stories may inspire themes for our golden celebration this fall. Simply visit www.sc.colostate.edu and take a moment to enter your fondest recollections *and enjoy a sneak peek of the revitalization*. We look forward to rekindling our connection, and to recognizing the good times we've shared at Colorado State.

For more information, connect with:

Alexis Kanda-Olmstead

Director of Lory Student Center Relations

970.491.8217

Alexis.Kanda-Olmstead@Colostate.edu

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What is your passion?



Whether it's to preserve the memory of a loved one, to recognize a job well done, to demonstrate deep humanitarian concerns, or support excellence in education, your charitable gift is a precious gem that needs to be protected and preserved. The best plans balance what you strive to accomplish for yourself, your family, and your charitable interests through your overall estate and financial plans, allowing you to pass on your philanthropic cause from generation to generation. The Office of Gift Planning at Colorado State University is here to help. We can provide you with the information you need to begin formulating a plan that will meet your financial needs, so that you may perpetuate your values beyond your lifetime.

"I am always a fan of the 'underdog,' and I want to support the 'we try harder' philosophy. So, I am very pleased to be able to make a legacy gift that provides scholarship aid in the areas I am most passionate about – athletics, natural sciences, veterinary cancer research, and libraries – and, at the same time, honors my parents and family. I hope that my gift will inspire the recipients of these scholarships to continue the tradition of giving by donating to Colorado State in their lifetimes as well."

– Kirk Hulbert

THE CAMPAIGN FOR
Colorado State University

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www.plannedgiving.colostate.edu.

We are available to consult confidentially with you and your financial planners and advisers.
Contact Marianne Blackwell at (970) 491-7862 or mblackwell@ua.colostate.edu or Bill Sheets at (970) 491-4679 or bsheets@ua.colostate.edu.

LITERARY LEGION

Colorado State University's renowned literary journal, *Colorado Review*, doesn't offer just great fiction, nonfiction, poetry, and book reviews.

"Publication in the journal often leads to bigger things in writers' professional lives – book publications, teaching positions, and tenure, for example," says Stephanie G'Schwind, editor of the *Review* and director of the English departments' Center for Literary Publishing. Stories, essays, and poems from the *Review* have recently been reprinted in *Best Travel Writing* and *Best Food Writing* and listed among the Notable Essays and Distinguished Stories lineup in the *Best American Essays* and *Best American Short Stories* series.

Writers around the world submit pieces for consideration, and everything from manuscript selection to copyediting and design is done on campus, says G'Schwind (B.A. '89, M.A. '01), who has been with the magazine since 1998 and editor since 2003. "The only thing we don't do is put ink on paper," she says.

In 2010, the *Review* received a National Endowment for the Arts grant that provided two-year subscriptions to 150 rural Colorado public libraries, many of which face funding cuts. "Additionally, many of these rural communities don't have independent or big franchise bookstores," G'Schwind says. "So some writers in these communities may be unaware there are literary journals like ours. And journals like *Colorado Review* are where writers often start their writing careers."

In 2011, the Center for Literary Publishing also received a two-year NEA grant to begin the Mountain West Poetry Series. The grant supports the publication of four poetry books by poets living in the Mountain West region.

The *Review* not only furthers writers' careers but teaches interns how to run a publication. Former intern Angie Hodapp ('10), contracts and royalties manager at the Nelson Literary Agency in



Denver, says her internship with the *Review* has helped her throughout her entire career – and not in the most expected ways.

“The internship prepared me to attend the Publishing Institute, an intensive program at the University of Denver,” she says. “My experience at the *Review* not only helped me get accepted to DPI, but it also helped me dazzle everyone during a very challenging copyediting course.”

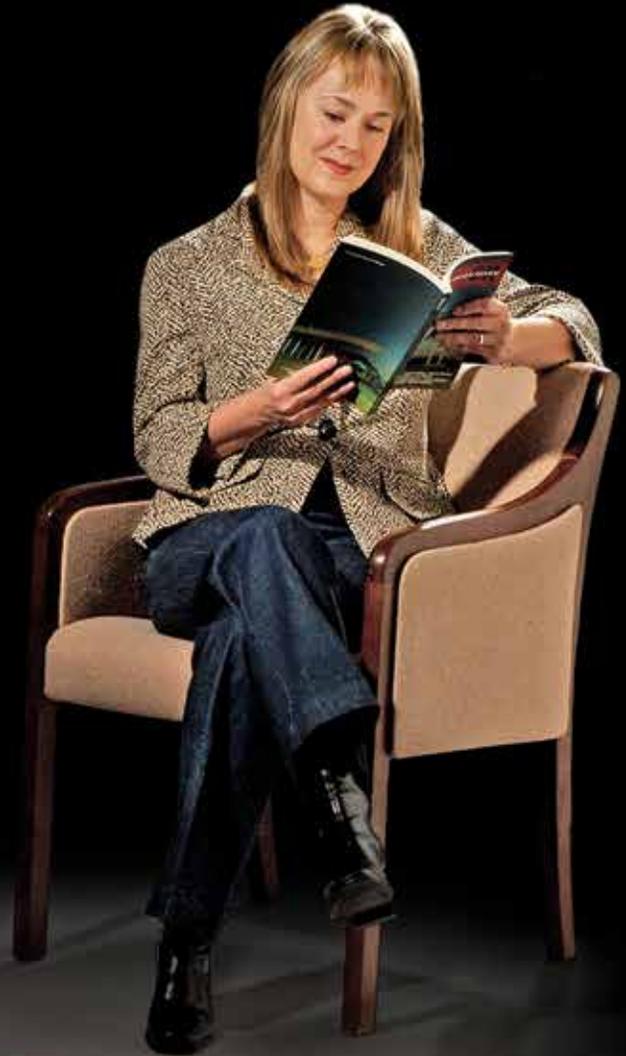
After graduating from DPI, Hodapp worked at a company that published teaching resources. “Besides all that tough copyediting stuff, I had to know how to turn a manuscript into a book,” she says. “I constantly called up the skills I learned at the *Review*.”

Author Robin Black had two stories first published in the *Review* before they were included in her story collection, *If I Loved You, I Would Tell You This*.

“Short story writers are more dependent on literary reviews than I can express, and *Colorado Review* is one of the very best ones anywhere,” she says.

Discounted yearly subscriptions of *Colorado Review* are available to CSU alumni, faculty, and staff. See coloradoreview.colostate.edu for details.

Stephanie G'Schwind, editor of the Colorado Review and director of the Center for Literary publishing, which has been featuring contemporary creative writing since 1956





CAMPUS VIEW

UNIVERSITY CALENDAR

Please join us at these events throughout the nation. Details can be found on these calendars: **Alumni:** www.alumni.colostate.edu **Athletics:** www.csurams.com

University Events: events.colostate.edu

June 2012

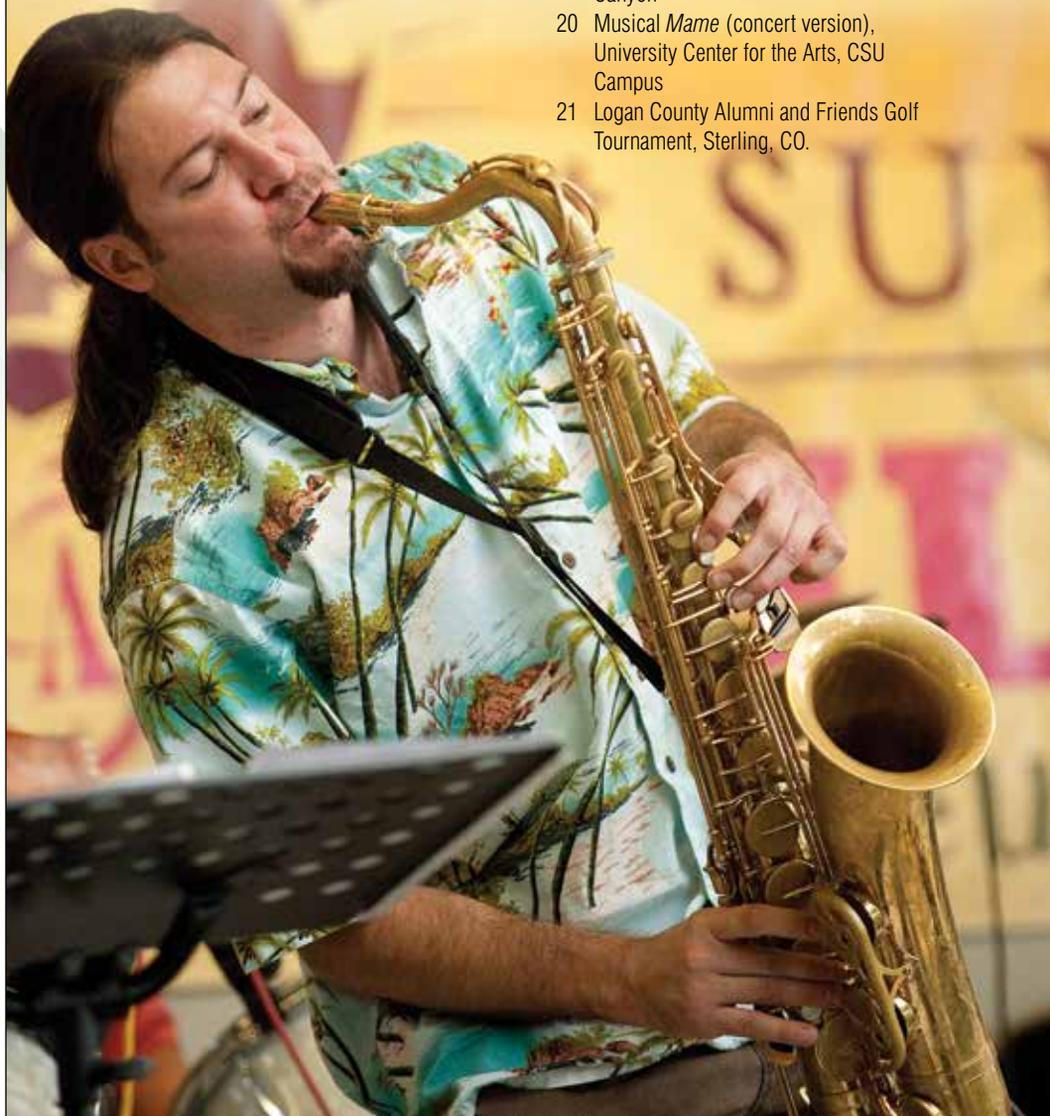
- 1 Morgan County Alumni and Friends Golf Tournament, Brush, CO.
- 1 Ram Club Appreciation Golf Tournament, Fort Collins
- 3 Alumni Association Member Benefit Event at the Museum of Nature and Science, Denver
- 5 Colorado Springs Professional Mixer
- 7-8 33rd Annual Lillian Fountain Smith Nutrition Conference, CSU Campus
- 9 Closing of the European Portrait Miniatures, University Art Museum, CSU Campus
- 12 All Colorado Career Fair, Denver
- 14 CSU Kickoff to Summer Picnic at Washington Park, Denver
- 14 Young Alumni Brewery Tour, Fort Collins
- 16 CSU Family Hike at Waterton Canyon, Denver
- 16 CSU Day at Spring Canyon Park, Fort Collins
- 16 Wildland Restoration Community Service Project at Hewlett Gulch, Poudre River Canyon
- 20 Musical *Mame* (concert version), University Center for the Arts, CSU Campus
- 21 Logan County Alumni and Friends Golf Tournament, Sterling, CO.

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- 26 Department of Art Faculty Exhibition (through Sept. 15), University Art Museum, CSU Campus
- 26 Selections from the Casebeer Collection (through Dec. 14), University Art Museum, CSU Campus
- 26 Hawaiian Quilts: God in Expression (through Aug. 2), Avenir Museum, CSU Campus

July 2012

- 3 Lagoon Concert, CSU Campus
- 6 - 8 CSU at Steamboat's Art in the Park, Steamboat Springs, CO.
- 10 Schmooze at Snooze Breakfast Networking, Fort Collins
- 11 Alumni Night Out at the Lagoon Concert, CSU Campus
- 14 CSU Hike, Denver
- 16 5th Annual CSU Livestock Judging Golf Tournament, Windsor, CO.
- 18 Lagoon Concert, CSU Campus
- 25 Lagoon Concert, CSU Campus
- 28 Rams on Tour: Denver History and Architecture, Denver
- 28 CSU Day at the Weld County Fair, Greeley, CO.

August 2012

- 1 CSU Day at the Boulder County Fair, Longmont, CO.

- 1 Alumni Night Out at the Trial Gardens, CSU Campus
- 1 Lagoon Concert, CSU Campus
- 2 Closing of Hawaiian Quilts, Avenir Museum, CSU Campus
- 4 CSU Day at the Larimer County Fair, Loveland, CO.
- 4 Student Send-Off (Denver, Colorado Springs, Albuquerque)
- 5 CAM Jam Family Fest, Denver
- 8 Lagoon Concert, CSU Campus
- 11 CSU 14er Climb
- 16 Ram Welcome, CSU Campus
- 16-18 Shakespeare at Sunset *The Comedy of Errors*, University Center for the Arts, CSU Campus
- 18 Rams at the Rockies, Denver
- 20 Fall Classes begin
- 20 CSU Fall Sports Kick-Off Luncheon, Fort Collins
- 22 Decade Dinner: 1960s, Denver
- 23-25 Shakespeare at Sunset *The Comedy of Errors*, University Center for the Arts, CSU Campus
- 25 CSU Day at the State Fair, Pueblo, CO.
- 29-3 CSU Evening at the Arts: *Book of Mormon*, Denver
- 30-31 Shakespeare at Sunset *The Comedy of Errors*, University Center for the Arts, CSU Campus
- 31 Rocky Mountain Showdown Ram Rally, Denver

Save the date: Homecoming and Family Weekend, Oct. 4 – 7, 2012



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- Colleen Meyer ('94), Life Member
Executive Director, CSU Alumni Association

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- helps us grow our student and alumni programming efforts,
- supports the outreach efforts of the Association, and
- enhances communication to keep alumni connected to Colorado State.

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Martin Shields' 2012 Snapshot
of CSU's Economic Impact

BEYOND THE NUMBERS

Generating Jobs, Boosting Income, and Fighting Unemployment in Colorado

13,140

Number of jobs CSU supports through direct employment and related spending.

\$403 million

Yearly household income generated in Colorado by CSU's direct and indirect employment impacts.

\$61 million

State and local sales taxes generated by people whose livings depend on CSU.

5.1 percent

Unemployment rate in Colorado for those with a four-year college degree. By comparison, the unemployment rate for those with only a high-school diploma or equivalent is 11.6 percent.

Graduating Tomorrow's High- Wage Earners and Taxpayers

80 percent

Portion of CSU students who are Colorado residents. Bottom line – more Colorado high-school students choose to enroll at CSU than any other college or university in Colorado.

99,000+

Number of CSU alumni who live and work in Colorado.

\$5.2 billion

Household income created annually in Colorado by CSU alumni, equivalent to 3.7 percent of the state's household income.

\$365 million

Personal income taxes and state sales taxes generated by CSU alumni in Colorado.

\$202 million

Local sales and property taxes generated annually by CSU alumni in Colorado.

Driving an Engine of Innovation

\$330 million

CSU's expenditures on research in 2010-11, fueling innovation in important and diverse sectors including agriculture, engineering, biophysics, veterinary medicine, chemistry, atmospheric science, and business.

20

Number of start-up companies CSU has created in the past five years, creating hundreds of private sector jobs.

277

Number of patents, patent filings, and patent disclosures that resulted from CSU research in 2011, driving innovation that is creating jobs and expansion in the private sector.

136

Number of technologies CSU has licensed to private enterprise since 2007.

CSU Economist uses math and statistics to address human problems

Martin Shields is going in 50 different directions. In-between his full-time job as a professor of economics at CSU, his role as director of the Regional Economics Institute within the Office of Vice President for Engagement and his numerous speaking engagements, he's trying to sell Girl Scout cookies for daughters Maya, 9, and Serena, 7.

The cookie boxes on the floor are a perfect introduction to Shields, who prefers to go beyond the spreadsheets and statistics to the people.

Since 2006, he has provided research, analysis, and strategies on employment, salaries, growing and declining sectors, and overall economic health of Northern Colorado and the state. His reports are carefully read by hundreds of decision-makers, as well as business and community groups. His 2011 report on signs of economic health in south-central and western Colorado despite two recent recessions was the subject of statewide media attention.

Shields, who is 46, said it was his dad who taught him to love sports and the numbers that went with them. "I loved looking at baseball box scores, and trying to recreate games from the statistics. I also had a pretty sizable collection of baseball cards, and I was fascinated by the information of performance they contained," he says. "Basically, my love of sports lent itself well to statistical analysis. And then I learned there are all sorts of cool stories in the numbers. I see my job today as using numbers and theory to tell stories about the economy."

As a youngster growing up outside of Detroit, he was good at math and planned for a career in automotive engineering. He started his undergraduate degree at a small engineering school in Flint, Mich., now known as Kettering University. He transferred to Michigan State University halfway through his sophomore year and double majored in international relations and economics before obtaining a master's from Penn State and

doctorate from the University of Wisconsin.

"I was much more interested in problems with human dimensions and the role of math and statistics in helping us address those problems," Shields says. "Basically, I wanted to explore what role, if any, policy can have in improving people's well-being. I believe that economic theory and statistics play an important role in shaping good policies."

While at CSU, Shields had the opportunity to take his family to Vietnam as part of an exchange program. He was impressed with their infrastructure and their entrepreneurial spirit – things that are helping their economy grow rapidly – but he was also keenly aware of their love of family.

"What amazed me the most was the absolute joy they find in children. We had our three daughters with us, and they were such a hit! Perfect strangers smiling wide when we came into a room. The genuine appreciation for a child that's not their own was fascinating to see. It made me realize how important the notion family is to the cultural fabric of other countries – not just taking care of your own family but that families are an important part of a larger society."





A Bold New Era

The University's Drive to Put Ram Athletics Programs on Top

BY TONY PHIFER

Since arriving on campus in 1991 as a wide-eyed freshman, Joel Cantalamessa has been a passionate follower of CSU athletics.

He has season tickets for football and basketball, and makes the trek from his home in south Denver for every home football game. He has attended several bowl games and travels to road games whenever possible.

He's a long-time Ram Club volunteer who actively recruits alumni throughout the Denver-metro area to support his alma mater. Heck, he's even gone WAY beyond the call of duty as a loyal fan, creating and running the popular CSU fan web site, RamNation, for the past 13 years.

In other words, he's as Green and Gold as it gets.

As devoted as he has been, however, Cantalamessa still shakes his head when thinking about the past few months of unprecedented change in the CSU athletics department. Starting in December, CSU has added a new director of



"I'm not the least bit interested in us competing for third or fourth place in the Mountain West...I want us competing for championships," says Jack Graham, who was hired Dec. 1 to take over as the Rams athletics director.

Volleyball has been one of the consistent bright spots in CSU athletics with 17 consecutive NCAA Tournament appearances.

athletics, a new football coach, and a new men's basketball coach.

Some might call the flurry of activity a period of upheaval. Cantalamessa takes a different tack.

"I've never been more excited about the future of CSU athletics than I am right now," he says.

The changes started at the top of the athletic department when CSU President Tony Frank hired Jack Graham to be director of athletics, replacing Paul Kowalczyk. Two days later, Graham fired football coach Steve Fairchild and began a search that ended with the hiring of Alabama offensive coordinator Jim McElwain.

The changes continued in the spring when men's basketball coach Tim Miles, days after leading the Rams to the first NCAA Tournament berth in nine years, departed for Nebraska. Graham moved quickly to find a successor, hiring Southern Mississippi coach Larry Eustachy.

This flurry of activity has been dubbed the dawn of a "Bold New Era" for CSU athletics. Frank, frustrated by recent struggles in the football program, said there's no reason CSU's athletic success can't parallel the University's status as a premier educational and research institution.

"We pride ourselves at CSU on the quality of our programs – and our research and education metrics place us among the very top universities in the nation when we account for size and funding," Frank says. "Why can't we follow this same model in athletics? Should we be willing to accept something less than excellence in one area when we never settle in others?"

That vision attracted him to Graham, who played quarterback for the Rams in 1974-75. Even though Graham had no experience working in collegiate athletics, he was a highly successful businessman who has great passion for CSU.

Like Frank, Graham is unwilling to settle for anything less than success, and he has a long list of projects he believes will transform CSU's athletic department.

"In five years I would like to see us become an athletics department that makes people say,

'they do everything really well at CSU,'" says Graham, 59. "I'm not in the least bit interested in competing for third or fourth place in the Mountain West or whatever conference we're in. I want us competing for championships, graduating our student-athletes at a very high rate, and producing high-caliber young men and women."

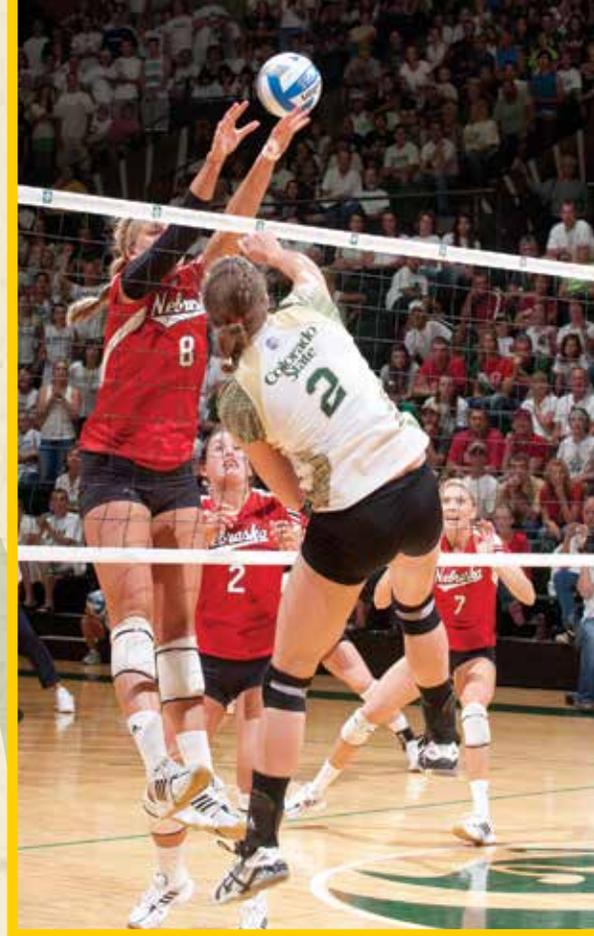
Graham's vision and passion for CSU are what caught the eye of Frank, who long has believed that a successful athletics program can help raise awareness about the University.

"I believe we can have clean programs that graduate student-athletes and win without breaking our funding models," he says. "I believe attaining this will cause us to have to dream big, work hard, and settle for nothing less than excellence. In turn, that will bring more attention to our University as a whole and expose potential students, our alumni, and donors to the great work being done at CSU."

Graham, who credits his CSU education with providing the foundation that led to a successful career in the insurance industry, says he was dismayed when he re-connected with the University in 2005. Volleyball, which has reached 17 consecutive NCAA Tournaments, was the only consistently successful program at CSU, while some others were barely competitive in the Mountain West.

Most disturbing, he says, was the football program. CSU failed to capitalize, he noted, on a long run of success from 1994-2005 when the Rams produced six conference championships, played in nine bowl games, and made occasional appearances in the Top 25. Since that time, CSU has a combined record of 23-50, including three consecutive 3-9 seasons.

"I don't want to be affiliated with a program that goes 3-9, 3-9, 3-9," Graham says. "Nobody does."





Graham's first bold move was to hire new head football coach Jim McElwain (above), the former offensive coordinator of the NCAA National Champion Alabama Crimson Tide.

Graham's primary focus has been the football program. Two days after being hired, he fired fourth-year coach Steve Fairchild and began searching for someone who could return CSU football to relevance.

He found his man in Jim McElwain, the offensive coordinator at Alabama. He convinced McElwain that leaving a program that has produced two national championships in three seasons for a program that had one winning record in the past eight years was a good career move.

McElwain, who turned down opportunities to coach at Memphis and Fresno State before accepting the CSU job, says he was

immediately impressed with Graham's commitment to success. He did not hesitate to sign on with a boss who had spent less than two weeks as an athletic director.

"Having been through a few interviews with different schools and different committees, you get a real feel for commitment and expectation – and I got a feeling that we had a chance to be successful here," says McElwain, who was hired Dec. 13. "The thing that stood out was his organization and the business model Jack had put together. That, combined with the commitment of Dr. Frank, was something I really wanted to be a part of."

Graham has made it clear that he intends to be successful in all sports. He says football, however, has to be the engine that drives that success.

"After watching another 3-9 season, I realized there was nothing going on that made me want to stand up and say, 'I'm proud to be a CSU Ram,'" he says. "You could see some bright spots, like volleyball, men's basketball, and men's golf, but at the end of the day, if you're not winning football games it's a problem."

Graham, despite his lack of experience in athletic administration, did not go into this job wearing blinders. He's aware that CSU trails its Mountain West peers in funding, ticket sales, and booster support, and that state funding is unlikely to increase. He recognizes that facilities for women's aquatic sports, tennis, softball, and track and field need to be upgraded, and he has embraced the project that will enhance Moby Arena.

The centerpiece of his vision, however, is an on-campus football stadium, which he believes will be a game-changer for CSU – athletically and academically. He grew up going to games at Stanford's on-campus stadium while his wife, Ginger, reveled in games at Arkansas, her alma mater.

"The game-day experience we get with Hughes Stadium is not even a shadow of what other universities experience," he says. "I take my family to games at Hughes and they say, 'This is not the experience we have when we go to games at Stanford or Arkansas.' I asked myself on a number of occasions what was missing, and it became clear to me that our stadium is in the wrong place. When you go to



a game at Hughes, you're not having a University experience – people drive past our campus and never stop.”

Graham's vision took an expected detour in late March when Tim Miles opted to leave to become men's basketball coach at Nebraska. Miles had just taken the Rams to their first NCAA Tournament appearance in nine years and had helped turn Moby Arena into a house of horrors for visiting teams.

Graham immediately began the process of finding a replacement for Miles, a fan favorite and District VII coach of the year after leading the Rams to a 20-12 record in his fifth season. Aiming to end the perception of CSU as a “stepping-stone school” for coaches, Graham interviewed numerous candidates before settling on Southern Mississippi coach Larry Eustachy.

In Eustachy, Graham found a highly regarded coach who has won conference championships at Idaho, Utah State, and Iowa State, and led Southern Mississippi to just its third NCAA Tournament appearance in school history in 2011-12. CSU, in contrast, has won two conference titles in the past 50 years.



The Rams lost men's basketball coach Tim Miles, who left shortly after leading the team to the NCAA tournament this season. Graham hired Larry Eustachy, (left) who has orchestrated three trips to the NCAA Tournament, including one run to the Elite Eight.

The good news for Eustachy is that the core of the 2011-12 team returns intact and will be bolstered by a pair of talented transfers. The Rams already are being projected as Mountain West title contenders with a great opportunity to return to the NCAA Tournament.

Eustachy, though, has far loftier goals for his new program.

“My plans are to take this program to the Final Four,” he says, without flinching. “I really believe that can happen.”

Even though hiring a new basketball coach just four months after taking the job was not on his agenda, Graham believes CSU now has the pieces in place to achieve greatness and unite alumni and fans across the country.

“I firmly believe that athletics can be the vehicle that brings more money and more notoriety to this University. If we can do that, all of the University can better engage with its alumni and supporters, and get them to donate to CSU,” he says. “We are the cog in that wheel, and I'm thrilled to have the opportunity to make that wheel run faster and more efficiently for the betterment of this University I love.”



The Students, Faculty, and Staff of CSU Say,

Thank You!



THE CAMPAIGN FOR
Colorado State University

JULY 1, 2005 – JUNE 30, 2012

Your Gifts Make a
Difference, See How!



*You Helped Us Reach
Our \$500 Million Goal ... Early!
Together, We Can Do Anything.*



It's Not Too Late to Give to the Campaign.

Donate before June 30 at www.campaign.colostate.edu/GIVE

Watch the Celebration: www.campaign.colostate.edu/Celebrate



THE CAMPAIGN FOR Colorado State University

The Journey Begins ...

2005

Our \$500 million goal was ambitious, but we had confidence that our supporters would see the value in contributing to Colorado State University. In spite of the worst economy in modern times, 91,785 of you met the challenge, and what an impact you've had ...

2005: First scholarship of campaign created – Sheri Linnell Scholarship in College of Applied Human Sciences.

\$197.6 million
Fiscal Year 05
CSU Foundation assets



2005: CSU alumnus Ed Warner, '68, and wife, Jacalyn Erickson, kick off campaign with \$30 million to name Warner College of Natural Resources, first named college at CSU.

15,372 scholarships
awarded during the campaign

2006

2006: In the first year, 25,000 donors contributed to the campaign. In August, the campaign hit the \$100 million mark.



2006: Sami Bedell, December 2006 graduate, pledges \$80,000 for scholarships in College of Liberal Arts, the largest gift ever by a student prior to graduation.



2007: Academic Village – first project on campus to integrate academic experience in a living environment – opens for Honors and engineering students; partially funded through private gifts.

2007

2007: Campaign Leadership Council formed

40%
of
alumni donors
gave their first gift to CSU

2007: 100th scholarship created – Study Abroad Scholarship, College of Liberal Arts.

Campaign Leadership Council:

Brett Anderson
Danette Anderson
Joe Berry
Joyce Berry
Margaret Bradbury
Tom Bradbury
Dave Edwards
Paula Edwards
Bob Everitt
Joyce Everitt
Larry Kendall
Pat Kendall

Kimberly Kent
Mark Kent
Joe Marcus
Carolyn Marcus
Myra Monfort-Runyan
William Runyan
Dick Robinson
Eddie Robinson
Ed Warner
Jacalyn Erickson



2008

More than 50,000 donors have given gifts to the campaign, totaling more than \$200 million.

17.6%
of living alumni
donated to the campaign

33,129
CSU alumni
donated to the campaign

\$135.3
million
Fiscal Year 05 CSU
Foundation endowment



2008: University Center for the Arts opens in renovated, historic Fort Collins High School. The facility serves to educate students and as a cultural gathering place for Northern Colorado.



2009: Through private and public support, numerous programs and initiatives created for the 1,000 student-veterans, leading to the repeat designation of CSU as a top military-friendly university.



\$60.5 million
raised for new need- and merit-based scholarships

2008: 200th scholarship created – Janet and Allan Eddy Family Scholarship, Student Affairs.

2009

Public announcement of Campaign for Colorado State University. Six weeks after announcement, \$300 million milestone reached.



2009: Joe Blake inaugurated as chancellor of Colorado State University System; Tony Frank inaugurated as president of CSU.

2008: Monfort Excellence Fund extended and continues tremendous impact on CSU students, faculty, and Northern Colorado community through scholarships for exceptional students, support of outstanding faculty, and public lectures by international leaders.



436 donors
gave
\$100,000
or more



67 donors
(individuals, corporations, foundations)
have each committed more than
\$1 Million

58%
were first-time





2009: Anderson Academic Center, Athletics Training Facility, and Indoor Practice Facility open.

Campaign donations came from all
50 states & 50 countries



2011: Every month for 28 years, Jennifer and John Kutzik gave to CSU. Their dedicated commitment represents importance of annual gifts.

2010: Campaign support for programs provides students with experiential learning opportunities.

16 chairs & professorships were created



2009: Student Support Grant created. A testament to power of collective giving, 659 donors have given more than \$250,000 to fund grants allowing students to finish degrees. Through 2011, 163 students received assistance.

2010

More than 75,000 donors have provided financial support to campaign.

2010: In April, number of planned giving donors doubles since beginning of campaign.



2010: CSU Denver Center opens to better engage 43,000-plus CSU alumni in Denver area as part of CSU's Denver Initiative.



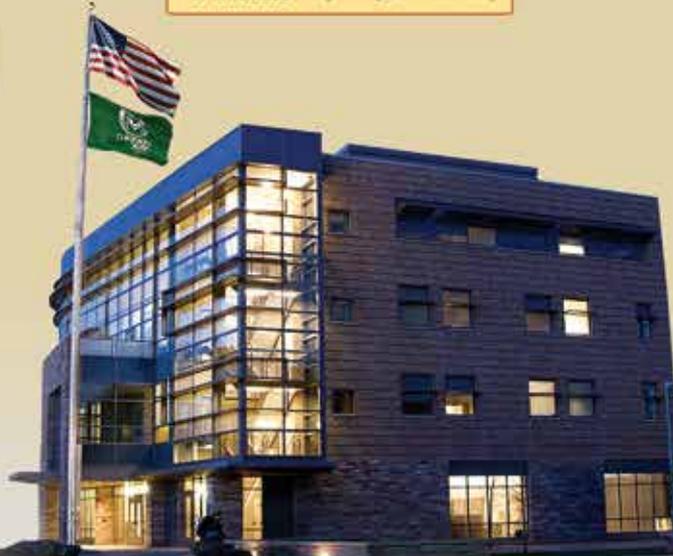
41 facilities were built or renovated

Engineering 2 Groundbreaking

2010: Commitment to Colorado launched to assure qualified Colorado students access to education at CSU, regardless of financial circumstances.

53,536 donors were first-time donors to CSU

53,536 donors to CSU



445 new
planned gift
donors

From July 1, 2000 through June 30, 2005, the University had 162 planned gift donors

2011

In March, campaign reaches \$400 million mark. Nine months later, thanks to 88,676 donors, CSU hits \$500 million goal – six months ahead of schedule.

\$327
million

Fiscal Year 11
CSU Foundation assets

2011: 485th scholarship created – University Distinguished Professors Scholarship – through donations from CSU University Distinguished Professors.



2011: Fostering Success Program created. Private donations help meet needs of CSU students who have aged out of foster care and lack family support.



91,785
donors

contributed to the campaign



2011: Adrianna Nickell, 2008 graduate and schoolteacher from Fort Morgan, donates \$25 to University Fund, which puts campaign over \$500 million mark.

\$221.2
million

Fiscal Year 11 CSU
Foundation endowment

13,351
CSU alumni
gave their first gift to CSU

Our Future is Bright ...

You helped us meet our \$500 million goal six months early. Thank you for your investment in Colorado State University. Your gifts have impacted students, faculty, programs, and the face of our campus, but we're not done yet. Together, we can do anything!

2012

Sweetwater SALTWATER

Researchers unravel the mystery behind the rise of salinity threatening agriculture in the farm-rich Arkansas River Valley.

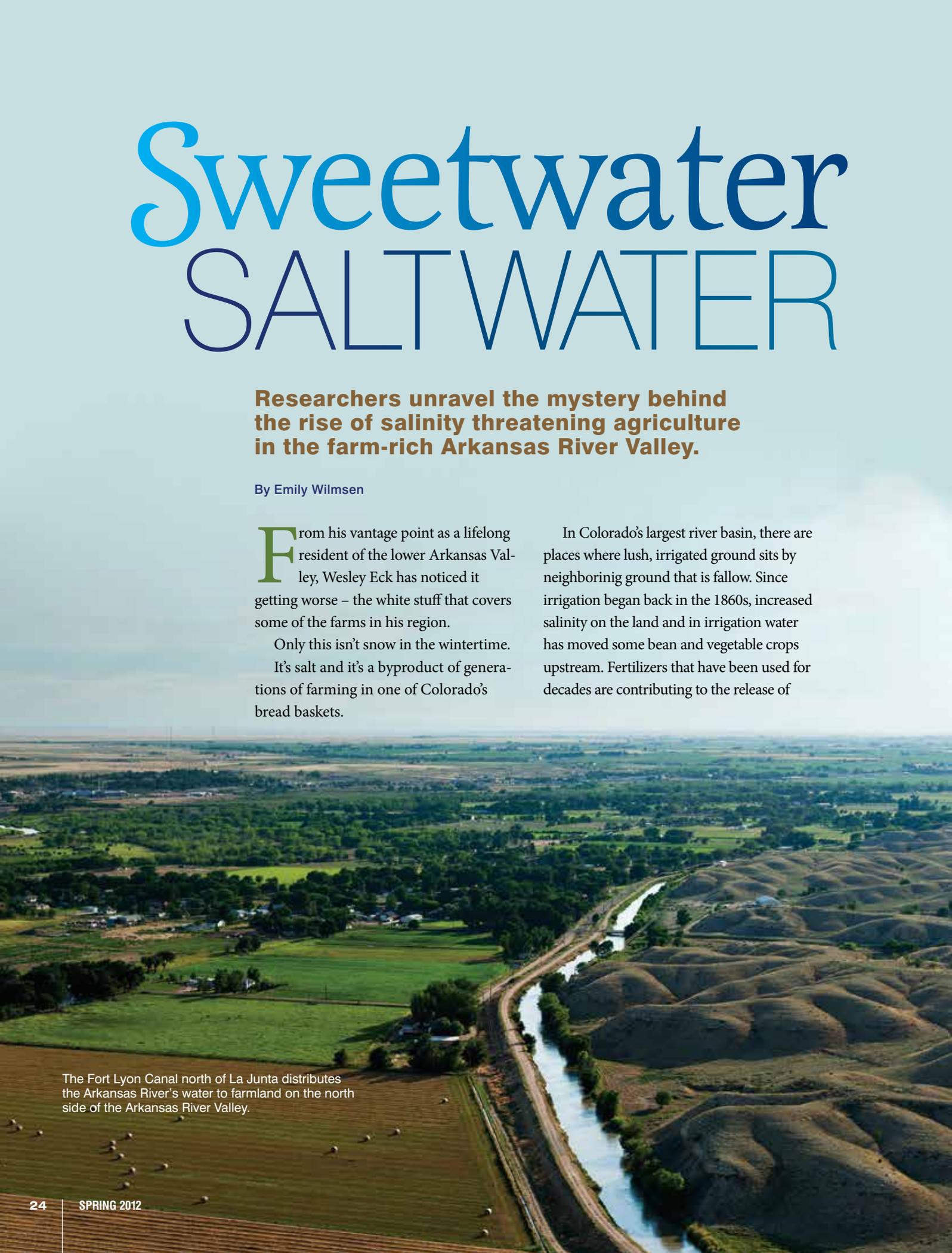
By Emily Wilmsen

From his vantage point as a lifelong resident of the lower Arkansas Valley, Wesley Eck has noticed it getting worse – the white stuff that covers some of the farms in his region.

Only this isn't snow in the wintertime.

It's salt and it's a byproduct of generations of farming in one of Colorado's bread baskets.

In Colorado's largest river basin, there are places where lush, irrigated ground sits by neighboring ground that is fallow. Since irrigation began back in the 1860s, increased salinity on the land and in irrigation water has moved some bean and vegetable crops upstream. Fertilizers that have been used for decades are contributing to the release of



The Fort Lyon Canal north of La Junta distributes the Arkansas River's water to farmland on the north side of the Arkansas River Valley.

selenium into the river – a possible future threat to aquatic life and water quality.

The lower Arkansas River Basin is in need of a little care and understanding, CSU civil engineers are discovering.

Led by professors Tim Gates and Luis Garcia, of some 40 scientists from CSU and partner organizations have spent the past 13 years studying the lower Arkansas River Basin, where more than 1,000 miles of large irrigation canals feed 270,000 acres of productive agricultural land. Research began in 1999 after Jim Valiant, a CSU Extension agent who lives in the valley, approached CSU's civil and environmental engineering department about production issues, water transfer, salinity, and the overall health of the valley, which extends from the mountains into Kansas.

The lower Arkansas River Basin is in need of a little care and understanding.

The valley is a significant contributor to Colorado's food supply and is known for its production of vegetables, hay, corn, and melons. The conditions in the valley are changing, and therefore, there is a need to re-evaluate existing water management and farming techniques to avoid hurting its future, scientists say.

And Eck, who is director of the Fort Lyon Canal Company, agrees water quality may suffer in the future.

“Water quality hasn't become an issue yet with the state or anybody else, but I can see in the

future,” he says. “Maybe in the future we won't even be able to irrigate with the water anymore. It's going to be a hungry time when we get to that point, I guess.”

A Vicious Cycle

In intensely irrigated areas such as the Arkansas River Valley, water from the river is applied to crops but often too much water is applied. Excess water then percolates down below crop roots into the groundwater and the groundwater table begins to rise, ultimately hurting crop productivity. Additionally, as evapotranspiration occurs (meaning the water evaporates through the soil and crop), solids – minerals and salts – are left behind. Also, high groundwater tables that spread out under adjacent naturally vegetated and fallow land lead to nonbeneficial evaporative loss of water.

Salt begins to build up in the soil, affecting crops but also leaching into groundwater and

interacting with rocks. Water carrying nitrate and oxygen dissolves more salt out of the subsurface marine shale and also drives minerals such as selenium – a mineral regulated by the Environmental Protection Agency – out of the rock.

“Those minerals make their way to the river. You take the water out of the river again, and you can imagine this cycle where the concentration is getting worse and worse as you go down river, since the water is reused a number of times as it moves downstream,” Gates says. “You're moving salts and minerals into the river, which diminishes the quality of the river water used for irrigation. It's not good for the economy that is supported by the agricultural production of the valley, and



Civil engineering professors Tim Gates and Luis Garcia have led a team of researchers concentrating on the Arkansas River Valley for more than a decade.



Civil engineering graduate student Keith Morse collects a water sample from one of hundreds of wells the researchers monitor.

“We understand there are constraints, but the current system might need to be re-evaluated,” Garcia says. “We realize there’s a lot of history behind it, so for now, we need to work within the system, study ways to improve it within the existing framework, and examine if possible changes to the framework should be considered.”

CSU is in a unique position to make a difference, Hemphill says.

“The nice thing about CSU research and why groups like the Division of Water Resources use Colorado State University is because we’re unbiased,” Hemphill says. “We’re putting out there the data that we have collected and model results based on that data, and it’s a lot more easily defensible in water court.”

Undergraduate student Justin Kattnig evaluates the turbidity of a Fort Lyon Canal water sample.

you’re causing conditions in the river that threaten aquatic life.”

“There are all these interconnected issues,” says Garcia, who is department chair. “How do you manage the water system to preserve the bioenvironmental conditions that you want in the stream aquifer system and still maintain this highly productive agricultural area and the rural life that it sustains?”

“That’s why a land-grant university is a perfect vehicle to help,” he says. “We deal with so many aspects – economics, agroeconomics, engineering, and sociology. These changes to the irrigation, river, and groundwater system have a social impact to the fabric of these communities.”

More than 10 years of research has allowed CSU to monitor the valley under different conditions and to assemble computer models that can help predict future behavior of the river and the valley.

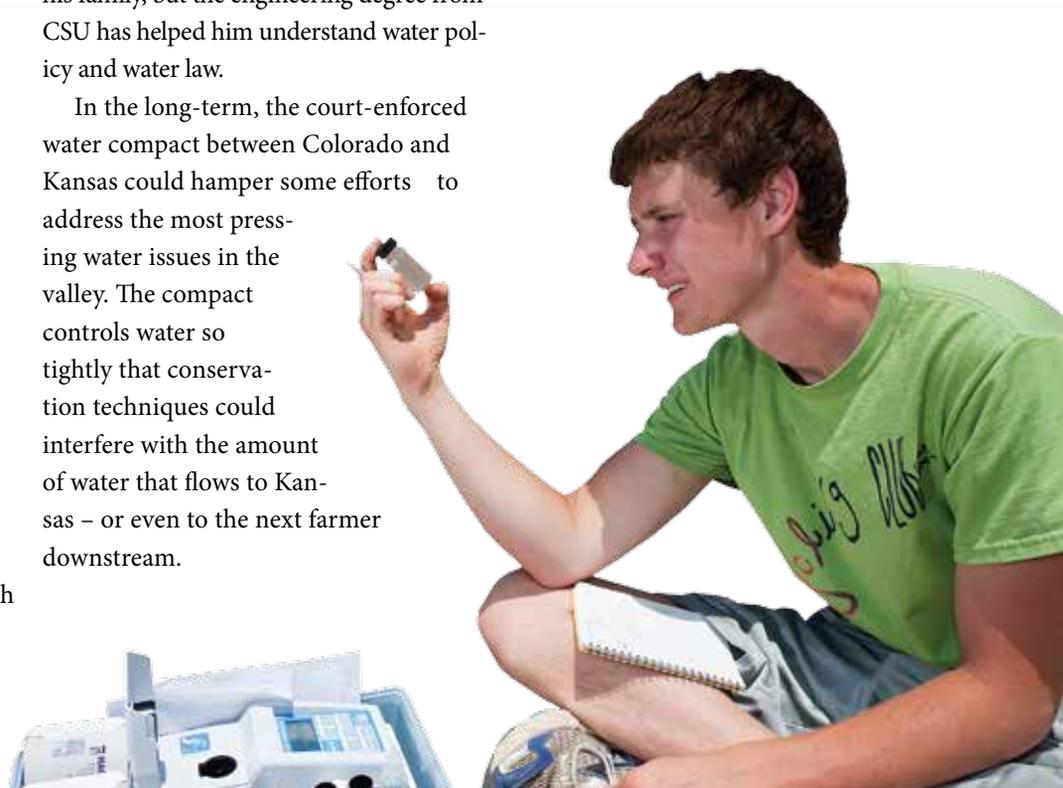
One of the students assisting that research is a native of the valley. Ryan Hemphill (‘06) moved back to his family’s farm in Hasty near John Martin Reservoir when he started doing research for his master’s degree in civil engineer-

ing. The family farms about 1,000 acres of irrigated alfalfa, corn, and wheat with about 250 cows.

The research isn’t life-changing – yet. “Farmers have an idea of where their inefficiencies lie,” Hemphill says. “What I would envision in the future is the state of Colorado using the data to suggest more accurate numbers in models.”

He adds that he learned farming from his family, but the engineering degree from CSU has helped him understand water policy and water law.

In the long-term, the court-enforced water compact between Colorado and Kansas could hamper some efforts to address the most pressing water issues in the valley. The compact controls water so tightly that conservation techniques could interfere with the amount of water that flows to Kansas – or even to the next farmer downstream.



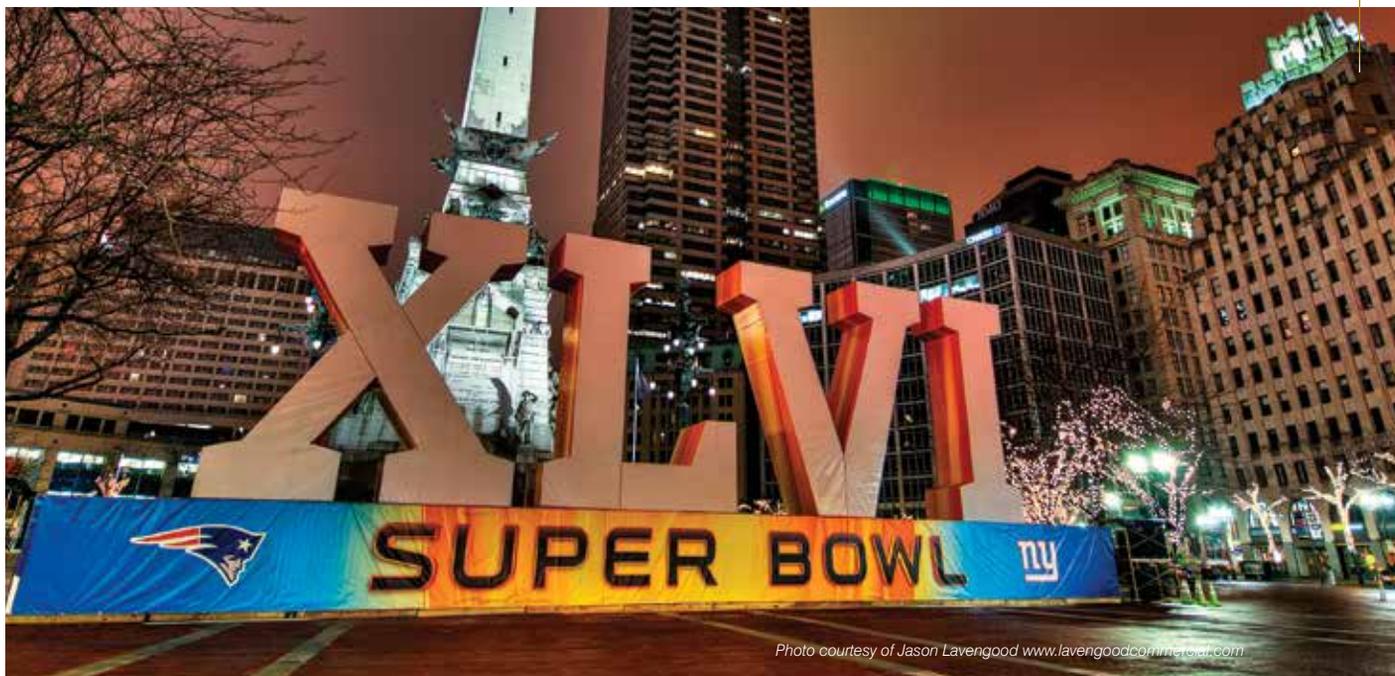


Photo courtesy of Jason Lavengood www.lavengoodcommercial.com

SUPER SUCCESS

Super CEO Allison Melangton ('83) hosted the party of the century, welcoming more than a million people at the nation's biggest athletic event.

Standing at the top of a tower in downtown Indianapolis, strapped into a harness and staring at 800 feet of zipline, it took all the courage Allison Melangton could muster to take the plunge.

BY TONY PHIFER

"I was a little scared making that first step, and I almost backed out," Melangton says. "But I'm glad I did it. I had a blast."

That zipline run was just one exhilarating moment in an incredible four-year journey for Melangton that was capped Feb. 5 by the hugely successful Super Bowl XLVI between the New York Giants and New England Patriots. Melangton was

president and CEO of the 2012 Indianapolis Super Bowl Host Committee, and pretty much everything – except the game itself – that took place leading up to this year's game was a result of more than four years of preparation by Melangton and an army of 8,000 volunteers that included 60 committees working with a \$28 million budget.

"I feel elated with how everything was executed," Melangton says. "Everybody in our community put their best foot forward, and it really showed. I knew we were 100 percent prepared – that was really important to me – and it came off beautifully."

Prepared? That's an understatement. Melangton, a 1983 CSU graduate who has spent the better part of 30 years in sports management, made sure that every little detail was addressed.

Things like snow removal. She had assembled an army of student volunteers and prepared them to shovel snow at the many venues. Their payment? Pizza.

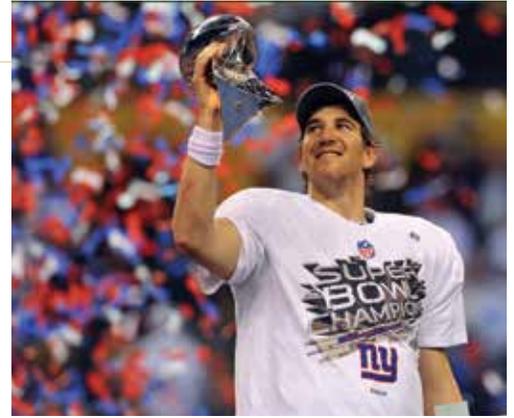
As it turns out, Indianapolis – just the third “cold weather” city to host the nation's largest sporting event – was blessed with unseasonably balmy weather that hovered in the upper 50s throughout game week. The three binders she had filled with weather contingency plans never left the shelf in her office.

The unexpected warmth lured thousands of fans each day to peruse the many facets – including the first zipline in Super Bowl history – to the downtown Super Bowl Village. By game time, more than

1.1 million fans had been through the village, and 265,000 had toured the NFL Experience. The previous record attendance for that exhibit, in sunny locales like Miami, New Orleans, and Tampa, was 200,000.

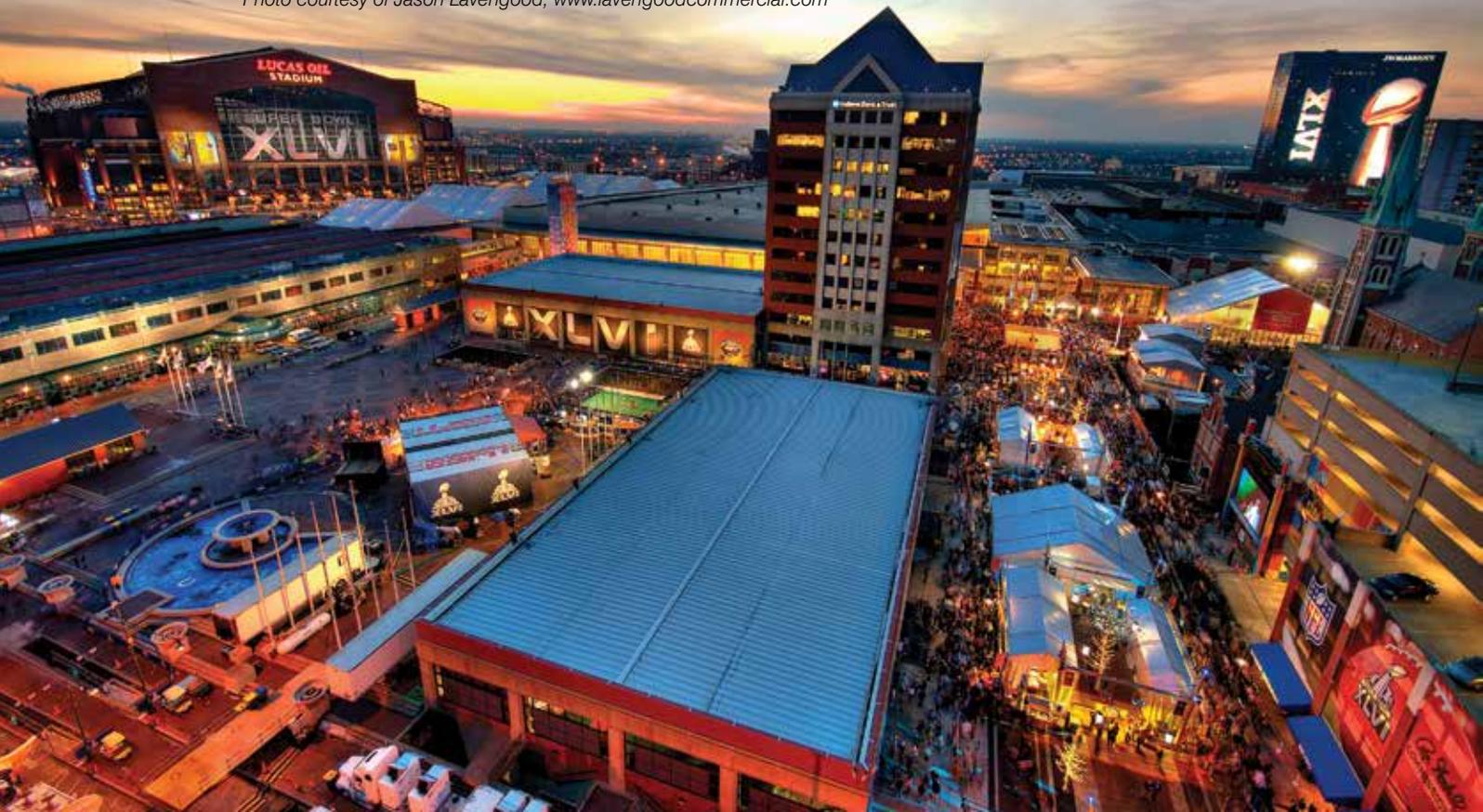
“At 3 p.m. on Jan. 27, I was standing with the mayor (Gregory Ballard) and Indiana Congressman Andre Carson at the ribbon cutting for the village,” she says. “The weather was stunning, and we had thousands of people crowding the downtown area. I will never forget that moment. Everything that I had dreamed about for four years, that's the way it was. It was magical, really.”

As a young student at CSU, Melangton never would have imagined herself running a Super Bowl. When she arrived in 1979 as a young gymnastics hopeful, she



New York Giants quarterback Eli Manning raises the Vince Lombardi Trophy. The Giants beat the New England Patriots 21-17. Photo by Getty Images

*Indianapolis Super Bowl Village.
Photo courtesy of Jason Lavengood, www.lavengoodcommercial.com*



had never before seen Colorado, let alone the CSU campus.

But when CSU dropped its women's gymnastics program following her freshman year, Melangton turned disappointment into opportunity. Sheila Walker, her coach at CSU, convinced her to help when the campus hosted the World Team Trials gymnastics meet, which brought many of the world's top gymnasts to Fort Collins.

Melangton Was Hooked.

Her experience earned her an internship with the U.S. Olympic Committee, and she later moved to Indianapolis when the Olympic Committee shifted its headquarters there from Colorado Springs. She quickly became a fixture in Indianapolis, which has transformed itself from a sleepy Midwestern city known for the Indianapolis 500 to a U.S. sports mecca that has hosted Final Fours and numerous national and international championships.

"I was part of a group of people that changed the city's history," she says. "It has been incredibly exciting."

Nothing, though, compared to hosting the Super Bowl. Melangton was chosen to help put together the bid to host America's biggest sporting event, then was selected in 2008 to oversee the entire operation after the NFL tabbed Indianapolis for the 2012 game.

"As a city, we could not have been more proud," says Scott Miller, president of the Indianapolis Chamber of Commerce. "Allison and her team did an unbelievable job of pulling it all off. She didn't just hit a home run, she hit a game-winning grand slam. We are incredibly fortunate to have her in our city."

Prior to the game, the NFL had been criticized for playing its signature event in

a city that lacked glitz and glamour. After the game, however, the reviews were unanimous in their enthusiasm for the city's effort, and many of the leading names in national sports media implored NFL Commissioner Roger Goodell to include Indianapolis in the regular Super Bowl rotation.

That, says Melangton, was the ultimate compliment. It's one thing to be asked to host one Super Bowl. Getting a second, when there's no beach in sight, is rare indeed.

"One of my favorite moments came when I was stopped by (veteran *Sports Illustrated* columnist) Peter King while walking to the game," she says. "He gave me a big hug and said, 'This has been great. Congratulations on everything.' That made me feel really good, like we had done our jobs and done them well."

"We learned so much that, if we do a second Super Bowl, it would be easier, so I would definitely say that at some point we will bid on another one."

In the meantime, Melangton and her 35-member staff have closed up shop and returned to their pre-Super Bowl lives. For Melangton, that means working with NBC Sports as a producer for its gymnastics coverage. This summer, she'll be in London working at her fifth Olympics.

Looking back, she says her time at CSU perfectly prepared her.

"I could not have had a better experience at CSU," she says. "I embraced every single minute of my four years there, and the people I met have been incredibly influential in my life."



Melangton with husband Tom Melangton at Super Bowl XLVI.

A SPACEMAN'S ODYSSEY





Alumnus Kjell Lindgren's journey to serve on the International Space Station continues the Colorado State tradition of contributing to the space program.



by Melinda Swenson

Shortly after astronaut candidate Kjell Lindgren (M.S. '96) submerged in the massive pool that is NASA's Neutral Buoyancy Laboratory, divers swam toward him. Using weights and foam, the divers made Lindgren's spacesuit neutrally buoyant to simulate a weightless work environment.

A short distance away through the watery atmosphere, Lindgren saw the International Space Station – not the one orbiting earth with about 1.5 billion miles on its odometer, but a replica.

"In the first few minutes in the pool, I marveled at how blessed I was to get to do this, what an amazing experience it was. A few minutes later, once we started our tasks, I marveled to myself how hard it was!"

Lindgren says that working in the pressurized spacesuit was a demanding task. With every move, grip, and tool activation, his hands and forearms soon became fatigued. He and his fellow astronaut candidates quickly learned to work as efficiently as possible.

Although Lindgren's spacewalk training in NASA's NBL with its abundance of technology and scientists might sound like a scene from a James Bond movie, it's business as usual for Lindgren.

"It's funny," he says. "As an engineering organization, NASA is very hardware-centric – spacecraft, rockets, satellites, etc. But my favorite thing about working in the space program is the people.

"I get to work with some of the best and brightest folks that the U.S. and its international partners have to offer – brilliant men and women who are passionate about what they do.

"I'd be a fool to see this as a personal achievement," Lindgren says. "I've been blessed with amazing teachers, instructors, friends, and mentors, and I'm confident that the team will sustain me on the path ahead."

In November 2011, Lindgren and his fellow astronaut candidates – members of NASA's 20th class since the original Mercury crew in 1959 – successfully completed their initial requirements and became active astronauts.

"I love our class nickname," Lindgren says. "We're alternately known as the 'Chimps' or the 'Chumps.' The first nickname is a nod to the central role chimpanzees have played in spaceflight."

You can sense the smile behind his next comment. "The name fits because we'll work for food and we figure we'll be 'hanging around' for a while before we get to fly."

The alternate name was proposed to take the newest members of the astronaut corps down a notch. "Chimps may have been a little too cool," Lindgren says, "But we wear both names with pride!"

The Chimps will wait four to eight years for missions aboard the International Space Station. At that time, their two- to three-day journeys will be made aboard Russian Soyuz spacecraft that will pursue, rendezvous, and dock with the space station.

"I look forward to being able to look back at our amazing planet," says Lindgren. "I'm told it's difficult to put the view into words. The earth is always changing – day, night, lights, smoke... weather."

A popular pastime of crewmembers is to take in the breathtaking views of Earth from the Cupola, a module with a 360-degree bay window. Since the station completes nearly 16 orbits of Earth a day, astronauts can theoretically see 15 sunrises and sunsets in 24 hours.

Top left: One of nearly 16 sunrises that can be seen from the International Space Station in a 24 hour period. Bottom left: Lindgren in the Neutral Buoyancy Laboratory at NASA's Johnson Space Center in Houston. Photo by NASA



Kjell Lindgren conducts a simulated spacewalk or EVA (Extra-vehicular Activity), and collects a geological sample as a part of Desert Rats 2011 – a project evaluating equipment and procedures for a proposed asteroid mission. Photo by NASA/Geeseman.

The orbital sunrises are spectacular. Chronicled by astronauts using high-definition cameras, images show the Earth first appearing as a deep-blue sphere beneath a starburst of light – then circled in lopsided fashion by a ring of molten orange that separates the planet from the black of space.

At night, the darkened Earth – with its pinpoints of light emanating from densely populated areas – is reminiscent of the mythical city of Atlantis suspended in a fathomless ocean.

Even though he's excited to board the space station, Lindgren talks about his journey (from his days as an undergrad at the U.S. Air Force Academy to graduate school at CSU and beyond) with appreciation.

"Colorado State's Dr. Alan Tucker – who sadly passed away in 2004 – and the rest of the physiology department faculty provided me with the fundamental research skills that I still use today.

"Through contacts that we had in the department, I was able to go out to the NASA Ames Research Center in Sunnyvale, Calif., to do my thesis research into cardiovascular countermeasures for spaceflight."

Professor Robert Gotshall, director of the graduate program when Lindgren attended CSU, remembers him as a young graduate student.

"I'm not surprised that Kjell has achieved his goal of being part of the astronaut corps," Gotshall says. "He was a dedicated student who made our jobs easier by performing high-quality research for his thesis. It was a pleasure serving on his committee."

Although Lindgren's academic career has been prodigious, including his master's at CSU, two additional master's, an M.D., a postdoctoral fellowship, and residencies in both emergency and aerospace medicine, Lindgren says his background was almost immaterial during astronaut candidate training.

"We're each hired first and foremost to become a flight-qualified astronaut," he says.

Now that he is mission-qualified, Lindgren is assigned to technical jobs in the astronaut office. He lends his medical expertise to the Extravehicular Branch, tracking crew health and injury prevention, works shifts in Mission Control as Capsule Communicator (or CapCom), and serves in the Medical Branch.

"Once assigned to a mission, I'll start mission-specific training, which will include travel to Star City, Russia, where we learn how to operate systems in the Russian Soyuz rocket and the Russian segment of the space station.

"I've interacted and worked with several Russian cosmonauts, and the folks we work with are incredibly friendly, supportive, professional, dedicated, and great to hang out with."

In the International Space Station, Lindgren will work as a crew medical officer dealing with any medical issues arising during the mission. He'll also be able to participate in all the various research projects taking place onboard.

"It's something I've dreamt of doing for as long as I can remember," he says. "I'm intrigued by the idea of going where few have gone before.

"Space represents a new frontier, uncharted territory, new possibilities. The mission of research and discovery on the ISS is important to continue so we can begin to follow the example set by the Apollo explorers and once again venture beyond low earth orbit to explore Earth's planetary neighbors."

"It's something I've dreamt of doing for as long as I can remember. I'm intrigued by the idea of going where few have gone before."

~Kjell Lindgren

FROM MERCURY TO THE INTERNATIONAL SPACE STATION

Kjell Lindgren's induction into NASA's 20th astronaut class brings CSU's involvement in the space community full circle. The late Walter (Wally) Schirra from the original Mercury crew worked at CSU between 1977 and 1982, serving as an adviser to the College of Engineering. In 1959, Schirra was chosen by NASA for Project Mercury, America's first effort to put humans in space. He was the only person to fly in all of America's first three space programs (Mercury, Gemini, and Apollo). Succeeding Schirra in the lineage of those at CSU who've contributed to the space program includes:

ASTRONAUT JAMES van HOFTEN (M.S. '68, Ph.D. '76) was a pilot with the U.S. Navy, flying F-4 Phantoms. In 1978 he was selected as an astronaut. After completing his training in 1979, he took a lead role in supporting the Space Shuttle entry and on-orbit guidance, navigation, flight control testing, and flight preparations. He was a mission specialist on two Space Shuttle missions.

ASTRONAUT MARY CLEAVE (B.S. '69) was a mission specialist on two Shuttle missions working on an ocean color sensor monitoring vegetation globally. On her second mission, Cleave and the rest of the crew deployed Magellan, the first planetary probe, mapping over 95 percent of the surface of Venus.

ASTRONAUT ROBERT W. PHILLIPS (B.S. '59 D.V.M. '61) Served on the CSU faculty from 1964-1984. He was trained for a Space Shuttle mission then spent three years at NASA HQ as Space Station chief scientist during the planning and development phases of the International Space Station. From 1994-2005, Phillips supported the NASA Life Science education and outreach program through speaking engagements. In November 2011, Springer published, *Grappling with Gravity: How Will Life Adapt to Living in Space?*

ASTRONAUT MARTIN J. FETTMAN (Ph.D. '82) held a faculty appointment in the College of Veterinary Medicine at Colorado State (1982-2006). He was the prime payload specialist for Spacelab Life Sciences-2 in 1992 and flew on the Space Shuttle Columbia in October, 1993, becoming the first veterinarian in space.

ASTRONAUT RON SEGA (Ph.D.) currently serves as vice president for energy and the environment at CSU. He became an astronaut in 1991 and qualified for assignment as a mission specialist on Space Shuttle flight crews.

From 1994-1995, he was NASA director of operations in Star City, Russia, which involved building an organization and infrastructure to support astronaut and cosmonaut mission and science training for flight on the Russian Space Station, Mir. Sega flew on the Shuttle Discovery, the first joint U.S./Russian Space Shuttle mission, and on the Shuttle Atlantis, which docked with Mir in 1996.

ASTRONAUT KENT ROMINGER (B.S. '78,) served as chief of the Astronaut Office Shuttle Operations Branch, Deputy Director, Flight Crew Operations, and Chief of the Astronaut Corps. A veteran of five space flights, Rominger logged more than 1,600 hours in space. He flew as pilot on three Shuttle missions and was the crew commander on two. The missions encompassed scientific experiments, deployment and retrieval of satellites, delivering logistics and supplies to the ISS, and the installation of a robotic arm.

TARA RUTTLEY (B.S. '98 M.S. '00), is the lead hardware engineer for the Health Maintenance System on the International Space Station. She leads a team of engineers whose job is to provide reliable medical equipment that will keep the astronauts healthy in orbit.

CASEY FARNELL (Ph.D. '07), a postdoctoral researcher working with Professor John Williams in CSU's Department of Mechanical Engineering, and other personnel at the Electric Propulsion and Plasma Engineering lab at CSU have delivered a specialized ion source to NASA that allows for ground testing and calibration of energetic particle detectors.

CODY FARNELL (Ph.D. '07), Casey Farnell's twin brother, also works as a postdoctoral researcher working with Professor John Williams in the Department of Mechanical Engineering. He's created a computer simulation that improves the performance of ion thruster's grids, which are used to accelerate ions to high speed to give a spacecraft its thrust.



Wally Schirra, one of the original seven U.S. astronauts, was a faculty advisor for the College of Engineering from 1977-1982. Shown here in his Mercury-era space suit, Schirra is the only person to fly in all of America's first three space programs (Mercury, Gemini, and Apollo). NASA Photo.



Alumni Profile
David Freed

From the *Collegian* to a Pulitzer

David Freed ('76) has been a repository of experience since graduating from CSU in technical journalism. He started out as a reporter for the *Collegian* and went on to have a colorful journalism career, principally at the *Los Angeles Times*, where he was an individual finalist for a Pulitzer Prize for Public Service.

Freed later shared a Pulitzer Prize for the paper's spot news coverage of the Rodney King riots, and he covered the O.J. Simpson trial for CBS News. He also knows about the military, having reported from Saudi Arabia, Kuwait, and Iraq during Operation Desert Storm.

What else does David Freed know? How about secrets? He holds an active security clearance from the Department of Defense. And flying his own plane – he's an instrument-rated pilot.

All this experience has kept Freed's writing chops firing. He's sold scripts to Hollywood and now writes for national publications including *The Atlantic* and the *Smithsonian's Air & Space* magazine. He's author of a humor book, and now he has a debut novel, the mystery-thriller, *Flat Spin* (Permanent Press).

Freed's exuberant novel, which mixes hard-edged sensibility with flashes of sardonic humor, is available through pre-orders at Amazon.com. Visit david-freed.com for more details on the author.



1940s

F. Gordon Comer, Jr. (B.S. '48, M.F. '49) celebrated his 90th birthday on Jan. 27, 2012. Comer directed the woodlands management division at the Kimberly Clark Corporation. He was inducted into the Alabama Forestry Hall of Fame.

Elwin L. Petersen ('42) worked for General Elector for 37 years and has been retired for 33 years. He has been married 70 years and has four children and eight grandchildren. He enjoyed his time at CSU and wants to say, "thank you for the education."

support efforts in space and missile defense. Brower served in excess of 30 years in federal government civil service.

Fred H. Wisely ('63) has recently retired as executive chairman of the board for World Technical Services Inc. Wisely was formerly the CEO and President of WTSI, which operates tactical aircraft ranges, satellite control stations, and ballistic missile detection radars throughout the world. He now resides in Colorado Springs, Colo. with his wife, Linda.

1950s

Claude D. Salomon* ('51) is looking forward to retiring after a long career with Proctor and Gamble, with which he worked assignments in Canada, Europe, and Mexico. He will retire eventually from work in Mexico.

1970s



Peggy A. Brown ('77), deputy commissioner of consumer affairs for the Colorado Division of Insurance, is the first person in the nation to successfully complete all three levels of a national training program for insurance regulators.

1960s

David M. Armstrong* ('66) retired recently from CU-Boulder, where he taught biology and environmental studies for 38 years. He is resident naturalist at Sylvan Dale Guest Ranch west of Loveland and continues research and writing on mammals of the Western U.S.

Martha A. Denney (M.Ed. '78) recently retired after more than 34 years with Colorado State University, having spent the last 29 years serving as the director of international education in the Office of International Programs.

James D. Brower* ('60) was added to the Space and Missile Defense Distinguished Civilians Wall of Fame, which honors past members of government organizations dedicated to

*indicates member of the Alumni Association



James G. Kennedy, M.D., M.B.A. ('72) was recently elected to the American Board of Family Medicine for a five-year term. He currently practices family medicine with his daughter in Winter Park, Colo.

Karen A. Lechowich (M.S.'72) was recognized for her support and guidance in the establishment and growth of the Chinese Americans in Dietetics and Nutrition Member Interest Group within the American Dietetic Association. She is the

executive administrator for Diversity, Alliances & International Relations at the association.



Sheila Palm ('73) received the Child Life Council Distinguished Service Award for 2011. She is currently the child life manager at Children's Hospitals and Clinics of Minnesota.

David Robinson ('77) and his wife, Joyce ('76), were invited by NASA as VIP guests to the recent launch of the new Mars Science

Laboratory. David was principal investigator of the launch analysis required by the Executive Office prior to launch of Curiosity.

Sharon Rushton (B.A. '72, M.S. '74) was elected for enshrinement into the National Freshwater Fishing Hall of Fame in 2011. Rushton also released a new book this year. *No Paved Road To Freedom* humanizes the impact of communist occupation in Romania after World War II. Based on a true story, it documents the courage of a young man who pays a high price for trying to escape the oppression.

Donald W. Viney ('77) recently edited a book published by SUNY Press: *Creative Experiencing: A Philosophy of Freedom*. Dr. Viney is a professor of philosophy at Pittsburg State University.



Circa 1941, at Student Union Fountain Room.

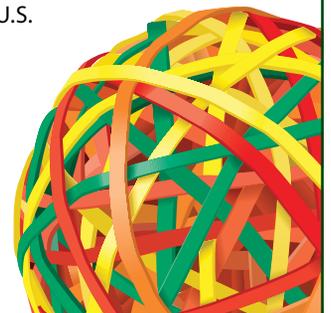


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Alumni Profile Kenneth Hester

Venerable Vet

Dr. Kenneth Jack Hester, born Aug. 26, 1913, and now 98 years old, graduated with his degree in veterinary medicine from Colorado A&M in 1936. Because of the Great Depression, jobs were scarce and he applied for government work following graduation. His first assignment was in Albuquerque, N.M., where he performed tuberculosis and Bang's disease testing on cattle, and then it was on to New Mexico and Minnesota. In 1938, he returned to Colorado to open his veterinary practice in Greeley with his wife, Lora May Viefhaus, working as his assistant. One of the highlights of his early career was the delivery of triplet calves, a very rare occurrence, born in June 1941.

In 1942, after several years in private practice, Hester was ordered to report for duty in the U.S. Army. He was stationed in El Paso, Texas, before being sent to California, and then on to Washington. He was discharged from the Army and returned to Greeley in 1945 where he resumed his practice, providing large animal veterinary services to the Northern Colorado region for the next 31 years.

In 1950, he was the first to recognize infectious bovine rhinotracheitis as a distinct entity, and an article crediting him appeared in the *American Journal of Veterinary Science*. Hester practiced until 1976 and enjoyed woodworking in his retirement, eventually becoming a well-known craftsman in the region. He and Lora May were together for 73 years until she passed away in 2007 at the age of 94.

David Wolf* (B.S. '72, B.S. '74) recently retired from the Bureau of Land Management after 36 years. During his career, he conducted some of the BLM's first wilderness studies in Idaho, authored the Statewide Wilderness Study Report for Nevada BLM, and was the BLM's associate district manager in Boise at the time of retirement. His wife, Karen (deceased), also attended CSU.

Mesonet, a statewide network of automated weather stations.

James L. Jackson ('84) was recently promoted by the National Park Service to chief ranger at the Jefferson National Expansion Memorial. His wife, **Arlene J. Jackson** ('83) is the chief of interpretation at nearby Ulysses S. Grant National Historic Site.

1980s



Jeff Blea (B.S. '89, D.V.M. '93) has recently appointed to the position of vice president of The American Association of Equine Practitioners. Blea will serve as the association's president in 2014.

Susan Richardson ('81) has written *Vision of the World Cashmere: Emily Dickinson's Colors* (Winterhawk Press). This study of Emily Dickinson's color poems not only covers all of the poet's themes but also emphasizes her disjunction with Victorian society.

Ronald Elliott (Ph.D. '81), PE, is serving on the board of trustees of the American Society of Agricultural and Biological Engineers. Professor Emeritus at Oklahoma State University, Elliott served as department head for nearly a decade in OSU's Department of Biosystems and Agricultural Engineering. Elliott is also co-founder of the Oklahoma



Robert McHargue (B.S. '85, D.V.M. '88) was promoted to full Colonel in the United States Army Veterinary Corps on Jan. 1, 2012. Still on active duty, McHargue will next report to the Public Health Command-West at Joint Base Lewis-McChord in Washington state as the director of technical services.

Joseph D. Mudd ('87) has joined the firm Reznick Group, a top-20 national CPA firm based in Bethesda, Md. as the national director of tax.

David Peters ('83) was recently promoted from a wildland urban interface/fire prevention specialist for the Bureau of Indian Affairs to their National Interagency Fire Center in Boise, Idaho, as a natural resources specialist – budget team leader.

Greg W. Romberg ('80) was welcomed to the Denver office of the Hursh Blackwell law firm as a senior advisor in the firm's governmental affairs group.

John Schmitt (M.Ed. '83) has created a yearly event in Wisconsin called Walk for Water, which raises funds to pay for fresh water wells. Schmitt leads teams that travel to Central American countries to drill these fresh water wells.



Heidi J. Sheahan (B.S. '87, D.V.M. '90) is a recipient of the 2011-2012 Don Low-CVMA Practitioner Fellowship. Sheahan's area of interest is small animal internal medicine.

1990s

Robin W. Allison (D.V.M. '96, Ph.D. '02) has been awarded the 2011 Regents Distinguished Teaching Award at Oklahoma State University. Allison joined the OSU faculty in 2004 and is currently an associate professor in the Center for Veterinary Health Sciences.

Jill Baron (Ph.D. '91) has been named president-elect of the Ecological Society of America. As a U.S. Geological Survey research ecologist, Baron has led national efforts to understand the consequences of nitrogen deposition and climate change on mountain ecosystems.

Sundar Christopher (Ph. D. '95) has written a book, *Navigating Graduate School and Beyond: A Career Guide for Graduate Students and A Must Read for Every Advisor*.

Chris L. Felton ('93) and his wife, Marlow, co-authored the book *Couples Money*, which discusses the financial dynamic of a partnership from the perspective of a married couple who work in the financial services industry.

Kristin Kuiken ('99) was elected to a four-year term for the Farmington, Mich. City Council in Nov. 2011.

Canaan Manley ('99) was recently promoted to manager in the Trim/Chassis Engineering Department at the Nissan North America factory in Canton, Miss.

Maj. Kristofer F. Padilla ('98) has been awarded a prestigious Mike Mansfield Fellowship. Padilla currently serves in the U.S. Air Force, serving most recently as an instructor pilot and chief of academics and simulators at Randolph Air Force Base in Texas.



CSU alumni in Los Angeles hike to the Hollywood sign. L to R: Nick Weber ('03), Kevin Kuhnen ('06), Karen Blust ('02), Jim Depsky, Sue Depsky ('80), and Matthew Hoppal ('11).

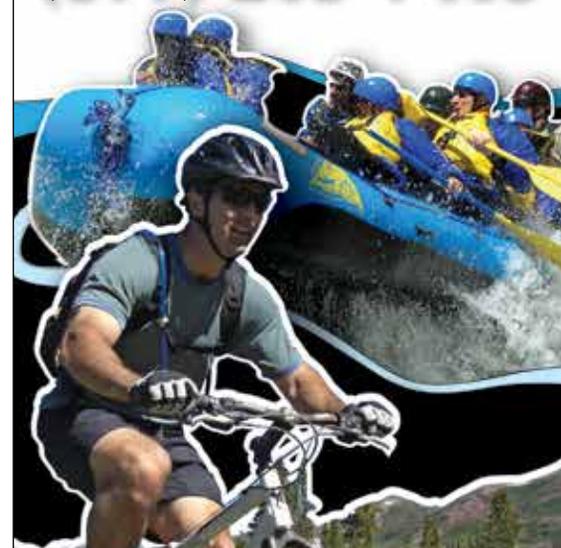
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Alumni Profile

Paul Skinner

Vines, Viticulture, and Vino



Paul Skinner's ('83) influence in the world of wine comes from the deep perspective of someone who is a soil scientist, agronomist, researcher, and innovator. After earning a B.S. in water resource management from the University of Wisconsin-Stevens Point, an M.S. in agronomy from CSU, and a Ph.D. in soil science from U.C. Davis, he began to investigate and develop new and improved technologies for data collection, analysis, and interpretation that removed a lot of the guesswork from vineyard management.

In 1994, he founded Terra Spase, a consulting service for vineyard owners and wineries based on the idea that deciding what vines to plant – and where to plant them – should be based on data, not just a feeling.

Terra Spase offers a variety of services related to soil and weather, including soil analysis and mapping, which allows viticulturists to farm in a precise way to optimize both fruit production and quality of grapes.

Skinner applies his wealth of education, professional scientific background, and his own intuitive sense of winemaking to create his own wine under the label, Sequum, (pronounced SEE-kwam), which is a soil science term describing the sequence of layers in a soil profile. Several of his varietals are grown on his two acre Kidd Ranch vineyard in St. Helena, Napa Valley, California.

As viticultural consultant to the Pride Mountain Vineyard in St. Helena, Skinner's expertise inspires how grapes are cultivated there. "Nobody knows Pride Mountain Vineyards as well as Paul," the owners say.

"There is no question that the fruit quality at Pride Mountain is special," Robert Parker, the leading U.S. wine critic, says.

Skinner enjoys fine tuning the production of his Sequum wines and continues to provide consultation to vineyards throughout the California wine country. He is also the lead consultant working on the development of a new high end vineyard project in northern China.

Jennifer Ritter ('94) was recently named director of music for the First Presbyterian Church in Pueblo, Colo. She is still actively involved in Pueblo's theater scene and played "Mama" Cass Eliot in a production by the Damon Runyan Repertory Theatre in November.

Claude Oakley (Ph.D. '11) was appointed faculty chair and assistant professor in the College of Business and Management at DeVry University in Georgia. In addition, he was recently appointed as accounting champion for the Atlanta Metro (of DeVry University).



Sonja Macys ('01) was elected to city council in Steamboat Springs, Colo.

Paul Stock published a new edited volume of *Food Systems Failure*, which includes a chapter contribution from CSU associate professor in sociology, Michael Carolan.

Shaunda Wenger's (M.S. '96) book, *Little Red Riding Hood, Into the Forest Again*, received the 2011 KART Kids Book List Award. She teaches high school science by day at Logan River Academy (in northern Utah). By night, she writes. www.shaundawenger.blogspot.com.

Allan E. Young (Ph.D. '04) was recently promoted to dean of Academic Affairs at the University College of the Cayman Islands (UCCI) George Town, after five years as chair of Teacher Education and Public Administration.

2000s

Kate Creel ('06) was crowned Miss Collegiate Colorado. She will compete in the Miss Collegiate America national competition in San Antonio, Texas in March.

Dan Zitting ('04) recently sold his software business to a large firm based in Vancouver. He was named a "top 40 under 40" by CPA Practice Advisor in 2011 and has been honored by various organizations over the last two years.

Sherry L. Hunt (Ph.D. '08) has been named the winner of the 2011 Gale A. Holloway Professional Development award by the American Society of Agricultural and Biological Engineers.

Faculty and Staff

James Kuiken ('00) joined the Science Applications International Corporation in Novi, Mich. as a project manager working on SmartGrid and SCADA systems.

Marie Campoli Stone was inducted into the 2011 Tappan Zee High School (Piermont, NY) Athletic Hall of Fame on Nov. 6, 2011. She is retired from teaching and is a freelance photographer in Barnegat Light, N.J. Stone coached women's gymnastics and taught health and physical education at CSU from 1969 to 1974.

IN MEMORIAM

1930s

E. Margaret Thompson ('39)
John M. Toliver ('34)
*Caroline W. Winn ('38)

1940s

*Robert E. Bement (B.S.
'40, Ph.D. '68)
Robert K. Butz ('48)
*Albert Chotvacs ('48)
Ronald J. Fenolia ('49)
*Ada B. Finkner ('43)
William S. Green (D.V.M. '43)
Ellen Harding ('41)
*Robert H. Hillen (B.S.
'42, B.S. '49)
Lloyd R. McCorkle ('48)
Beverly J. Miller ('45)
John M. Thielen ('49)
*Glenn Underwood ('41)
Charlotte J. Wermuth ('49)
*Catherine R. Wilson ('48)
*Oliver H. Woods II ('49)
Lois M. Wright ('48)

1950s

Alan E. Amen ('55)
N. A. Baer, Jr. ('52)
*Thelma F. Bement ('57)
Michael Blaser ('59, '60)
*Kenneth D. Brown ('50)
John F. Brozovich ('53)
*Alonzo E. Cady (B.S.
'56, D.V.M. '58)
*Gerald B. Conger (B.S.
'55, D.V.M. '57)
Maj. Wayne E. Downing ('57)
Theodore A. Farmer, D.V.M. ('50)
Donald L. Figurski (B.S.
'52, M.Agr. '59)
William B. Finley ('50)
Harry C. Goodell, Jr. (D.V.M. '51)
James E. Havens ('59)
*Raymond F. Hoff ('50)
Harold F. Holdych ('51)
Robert L. Means ('53)
Kenneth L. Melendy ('51)
George G. Morris ('53)
Norman T. Oppelt ('54)
Mary A. Potts ('58)
Gordon E. Praefke ('56)
*Patricia J. Rupert ('53)

Wayne W. Sandfort (B.S.
'48, M.S. '52)
*Lowell E. Sonnenberg ('53)
*Ivan I. Wescoatt, Sr. ('52)
Maurice A. Williams ('50)
*William Woolford ('52)

1960s

Vern H. Anderson, Jr.,
(B.S. '60, D.V.M. '68)
Michael F. Barron ('68)
Ivory J. Beloney (M.Ed. '60)
Ernest D. Cobb (M.S. '67)
Carolyn O. Dungan (M.Hec. '68)
Ernest P. Erleben ('64)
William A. Foster, Jr. ('61)
Eldon L. Gilmore (MAT '63)
*Robert Konishi (B.S.
'62, D.V.M. '64)
*Kay S. McDowell ('65)
*Ulysses McElyea, Jr.,
(D.V.M. '67, M.S. '68)
Lorraine I. Miles ('62)
*H. Lee Mitchell ('67)
Norris V. Owen (D.V.M.
'62, M.S. '64)
Bhupendra N. Patel (M.S. '69)
George W. Platt, D.V.M. (D.V.M. '62)
Walter A. Pleiman ('61)
Kirk W. Reimers ('60)
James W. Stockover ('63)
John A. Wallize, Jr. (M.S. '68)
*Lawrence G. White (B.S.
'61, M.S. '63)
Pamela J. Zimdahl (B.A.
'68, M.Ed. '89)

1970s

Forrest S. Anderson ('72)
Stephen T. Bard (Ph.D. '77)
Robert T. Boddy ('73)
James B. Carr, M.D. ('76)
M. LeRoy Davis (Ph.D. '73)
Jack P. Kuntz ('76)
Shaun M. McEllin (Ph.D. '78)
Nancy L. Michie ('76)
Farris S. Moss ('72)
Shrinivas K. Nayak (Ph.D. '73)
Jack Nichols ('71)
William E. Partridge ('72)
Sayyid A. Rahman ('71)

Marion H. Shaw-hunt (B.A.
'70, M.A. '72)
S. Taylor ('77)
Steven L. Wild ('77)

1980s

Brek D. Brost ('81)
Marguerite A. Broyles ('80)
Ruth E. Byrne ('85)
Paul B. Gleditsch (M.S. '87)
Barbara A. Hartung ('80)
Maj. Patrick McHargue,
USAF (Ret) ('86)
Richard T. McKeon, Jr. ('80)
Sharon J. Robinson ('84)
David L. Vice ('84)

1990s

John E. Brunmeier ('96)
Gary H. Clark (M.B.A. '91)
Seyhan T. Dwelis (M.A. '96)
Jeffrey W. Jarrett ('91)
Christopher J. Sciortino
(M.B.A. '92, M.S. '96)
Vicki L. Sweet (M.S. '96)
Charles A. Tocko (M.Ed. '93)

2000s

Sheryl L. Costello (M.S. '05)

Faculty & Staff

Juan Barraza
Maxine M. Benjamin (D.V.M.
'48, M.S. '53)
Gerald P. Benson
Norman D. Brammer
Roy M. Buchan ('67)
Dorothy W. Dolan
Richard L. Giessel
Dean Jaros
Alex R. Jarrett
Katherine McLeod
Lois I. Meyer
Jerry E. Oxford
Grace A. Roetker
J. Edward Schamberger ('54)
Dwight R. Smith
Jerry D. Vedvick

Attended

Floyd T. Baker
Robert E. Dobbins
Sharon Fritz
Ronald A. Gerencher
Jerrold D. Kohler
Scott D. Perriman
Robert C. Schiller, Jr.
John E. Tromer
Karen J. Wolf

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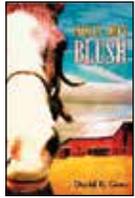
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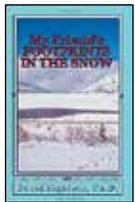


RAMSWRITE

Books written by alumni and CSU faculty and staff



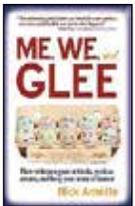
David Gross (B.S. '58, D.V.M. '60) describes his life after moving to a town near the confluence of the Yellowstone and Missouri Rivers in his new book, *Animals Don't Blush*.



David A. Sigafos (B.S. '65, '66) wrote *My Friend's Footprints in the Snow*, an inspirational true story about his snowmobile accident in the Colorado high country.



Leslie Goodwin ('77) has recently published a how-to book for everyone interested in buying, selling or appraising their heirlooms and collectibles. It is titled *ANTIQUE or Shabby Chic? Appraise and Sell Like a Pro!*



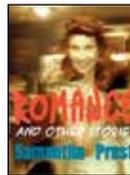
Nick Arnette (Maestas) ('80), keynote speaker and comedian, has written *Me, We and Glee: How to Have a Great Attitude, Work as a Team and Keep Your Sense of Humor*.



Pamela Sachs-Kapp (M.Ed. '81) recently published a new book, *Wings of Love*, a non-denominational spiritual allegory. *Wings of Love* tells the story of a soul coming into human form.



Amanda Adams (M.S. '10) will publish her book, *Heart Warriors: A Family Faces Congenital Heart Disease* in April.



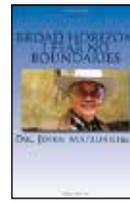
Samantha Prust (M.F.A. '99) recently published her short story collection, *Romance and Other Stories*. A portion of the proceeds from the sale of the book will go to the Dakota Language Preservation Project.



In *The Face of the Earth*, English professor **Sue Ellen Campbell** brings together insights from several sciences (specifically geology, biology, and climate science) and arts and humanities in an engaging and thoughtful series of essays.



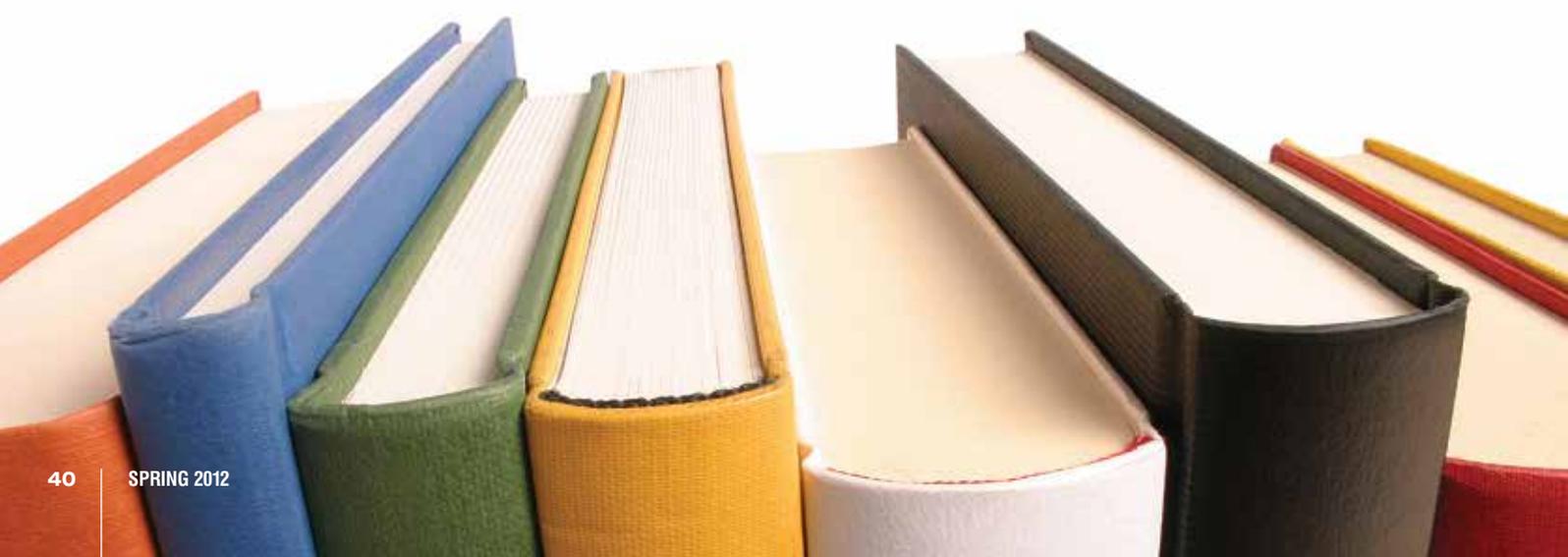
Evan P. Schneider ('01) wrote *A Simple Machine, Like the Lever* (Propellerbooks).



John Matsushima, (B.S. '43, M.S. '45) has written *Broad Horizon I Fear No Boundaries*. The autobiography details Dr. Matsushima's Japanese heritage, his teaching and research done at Colorado State University, and his international work with the cattle industry.



Matt Shoup ('03) wrote *Become an Award Winning Company*. He is owner of M&E Painting in Loveland, Colo.



Colorado State University students partnering with high school students in an effort to ...

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Brian Gurrola
Fort Collins High School senior
and aspiring health care professional

Keenan Bender
CSU rangeland ecology senior, marketing
director for *Determined Nation*, a positive and
progressive magazine for the CSU community

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