Private support of $228.6 million sets new record[1]

Scholarships, including one in Boulder for participants in precollegiate programs, that help students afford college. A new Colorado Springs program that inspires and prepares students to become K-12 teachers in technical disciplines. An innovative center for commodities to anchor a new downtown Denver business school building. Endowed chairs that support faculty excellence in women's health research, childhood dental medicine and adult diabetes on our medical campus.

These are among the more than 2,300 programs that more than 47,000 individuals, foundations and corporations supported this past year at the University of Colorado, which benefited from more than $228.6 million in private support for the 12-month period ending June 30, 2012. The preliminary numbers represent the highest fiscal-year total in CU history.

"I appreciate the confidence donors have in our great university, and the support they provide that makes us even greater," said CU President Bruce D. Benson. "Private support is increasingly important to CU's operations, and our donors help ensure that CU continues to provide teaching, research, health care and outreach of the highest caliber."

Nearly half the funds were donated through the University of Colorado Foundation, the university's development and investment management arm. Donors gave $110.1 million through the foundation, a 7.5 percent increase over last year and the foundation's second-highest single-year total ever.

The $228.6 million total also includes $118.5 million in private support booked directly through CU or the CU Real Estate Foundation. This aggregate total exceeds by 7 percent last year's then-record of $213.6 million in private support.

Gifts through the CU Foundation include $43.5 million toward the Anschutz Medical Campus, $45.5 million toward the University of Colorado Boulder, $7.6 million toward the University of Colorado Colorado Springs, $13.1 million toward the University of Colorado Denver, and just over $300,000 directed toward the CU system.

CU Denver enjoyed its most successful fundraising year ever, bolstered by three seven-figure commitments, including $5.5 million by J.P. Morgan Chase to name the J.P. Morgan Center for Commodities on the first floor of the new CU Denver Business School building.

"The strong support of our donors is a clear indication of the life-changing work occurring on each of CU's four campuses," said CU Foundation President and CEO Richard W. Lawrence. "We will continue to work hard to reinforce our donors' faith in our efforts."

Another positive fundraising development this year is a continued strong pipeline of bequest commitments made by donors. The foundation recorded more than $30 million in future estate commitments this year, and the total pipeline of provisions made by donors in their estate plans this year surpassed $190 million — nearly half of which has been committed in the last three years. Though not counted in aforementioned fundraising totals, these commitments indicate a strong likely future flow of gifts that will benefit CU for generations to come.

Donors are creating futures at CU by supporting:
Discovery and Innovation at CU Denver, where a $900,000 grant by the Merck Foundation supports an XSci research collaborative that explores how extraordinary physical experiences can make good teachers great. **Learning and Teaching** at CU-Boulder, where Roe Green ('70) endowed the first faculty chair for an arts program in CU history with a $2 million pledge establishing the Roe Green Chair in Theatre. **Community and Culture** at the Anschutz Medical Campus, where a $1 million commitment from the Bolanos Foundation will help establish a health clinic in Guatemala, in conjunction with efforts by faculty and students at the CU Center for Global Health. **Health and Wellness** at UCCS, where, thanks to a $4 million gift, the Lane Center for Academic Health Sciences will integrate clinical care, teaching, and research to benefit Pikes Peak region seniors athletes and others.
Benson reinforces that, because more than 98 percent of donors earmark their gifts for specific purposes, philanthropy does not replace the need for operational funds squeezed by declining state funding.

CU has raised more than 80 percent of its $1.5 billion goal for the Creating Futures campaign, which began in 2006 and was announced publicly in April 2011. Ongoing priorities for support for this campaign include: scholarships, endowed chairs and professorships; research programs; buildings and infrastructure; and academic support.

Endowments held by the CU Foundation were valued at approximately $773 million as of June 30, 2012. The CU Foundation's Long Term Investment Pool (LTIP), which includes the vast majority of these endowments, declined 0.9 percent in the trailing 12-month period, bettering the 2.5 percent decline of the LTIP's benchmark (this benchmark is based on the average performance of a fund with the LTIP's target asset allocation). Over the trailing five years, the LTIP has gained 9.7 percent, materially exceeding the benchmark's 1.3 percent decline.

Five questions for Ken Bickers[2]

[3]

It is August – still months away from the November general election – and while some Americans already have tuned out the political machinations and negative ads, Ken Bickers is in his element. The University of Colorado Boulder political science professor often is called on to offer expert commentary for the media as the campaign season progresses.

The presidential race gets most of the attention, but Bickers' research looks to the roots of candidate success. He likens his study of politics to that of a geologist interested in mountain formation.

"You can't look at it from the top of the mountain. You have to start where the rocks are being formed," he said.

Bickers didn't set out to be a political scientist. During undergraduate years at Texas Christian University, he enrolled in a dual-degree program in social science and engineering. But he became involved with issues of discrimination in the Greek system at the university, and that became a "life-changing experience." At the same time, he served as an intern in the Senate in Washington, D.C., where he saw how exciting politics could be. He considered his options, including going into politics as a staffer, but instead pursued graduate work and earned his Ph.D. at the University of Wisconsin-Madison.

After chairing the Department of Political Science for the past five years, he recently stepped down to focus on an internship program – CU in DC – that places students in jobs in Washington, D.C. He's switched offices, but his walls are still adorned with aviation-related photos. He earned his pilot's license some 20 years ago, and has flown a variety of aircraft, including a hot-air balloon.

"As chair, whenever I felt frustrations, I would think longingly about flying and look at the photos," he said. "It's a diversion on those days when I could use a break."

1. Some of your research looks at local campaigns and elections, including "first wins." What have you found?

The rationale for studying local campaigns and elections is because that is where politics starts. Nobody becomes president and decides that he or she will run for mayor. As a geologist, you can't look out from the mountain top and try to understand what's going on. You have to look at the layers of rocks and how they've been broken up and folded and twisted. In American politics, if you only focus on what happens in Washington, you miss the plate tectonics. Hundreds of thousands of people are making decisions every two years about running for office and organizing campaigns, raising money, and going out and asking people to support them. The vast majority of our politics exists in local communities, school districts, counties and state legislatures.

There is a “first win” debate among political scientists who are trying to explain how people win office then move on to other seats. Is it something about the experience of organizing a campaign or are they better at choosing the right time to run? The research out there mostly looks at congressional elections, but the problem is that by the time a person runs for Congress, it’s not their first win. We looked at the very beginning, at people’s first win for office. Mostly we found that people who won were better at making a probability estimate at what office to run for and then making a bid. The interesting part is that some people are recruited to run by another elected official who can transfer some of the knowledge about what’s going to work in a campaign. So that person’s success was not about their probability estimate, but about being recruited. It was a kind of tapping on the shoulder that puts people on the track for upward mobility.

Another thing we found is that if you are recruited by party officials, you should run, but you should run away. Your chances of success are terribly low because parties need to fill out the dance card so that every contest has someone from the party running. So if you’re being recruited by the party, and not by another elected official, it’s a sure sign you are being set up for failure.

2. As a swing state, Colorado is being bombarded with ads from presidential hopefuls. Can these 15-second or 30-second ads sway voters or do most people tune them out?

There is a huge amount of research on this, but the answer is not clear exactly because we don’t get to study this in a lab setting in a meaningful way. Typically, studies use a few exposures to an ad, not constant exposure. Constant exposure comes with many variables, including the competing candidate’s responses.

What has been found is that negative campaign ads have a slight mobilizing effect that tends to increase the turnout at the margins. Also, some research shows negative ads tend to suppress interest in politics, especially among independent voters. But no one can really say whether the ads have an effect on swaying the vote. Independents tend to be affected more by debates and last-minute appeals by candidates often on issues that are not central to what the campaign is about. So for most people, constant ads are just a complete annoyance. Truthfully, I don’t like to walk into a room with a TV unless I have my mute button. But no campaign is willing to take the risk that ads don’t matter: The more one side escalates, the more the other side feels like they have to reciprocate.

3. In the 2008 election, the youth vote played a significant role in President Obama’s election. What segment of the population is likely to play an important role in the general election this year? Does a victory ever come down to a campaign manager/PR machine or the party machine?

Students are still going to be important, but it may be their nonparticipation that makes a difference. Signs are that that cohort is much less interested in politics than they were four years ago. Nonparticipation is likely to have an impact on the outcome of the vote and that’s why Obama made a visit to the (CU Denver and CU-Boulder campuses) -- he’s worried about the student vote.

The minority vote is not one vote, but is actually multiple votes. Minorities in California, for instance, tend to be more liberal concerning social and economic issues, while minorities in Texas are liberal on economic issues but more conservative when it comes to social issues. The swing vote in some ways will be the white working class, which, although it is shrinking, still is three times as large as the Hispanic population. The white working class – those adults without college degrees – will play a huge role in states like Michigan, Wisconsin, Ohio, Indiana and Pennsylvania, which have lots of Electoral College votes.

The party machine can make a big difference if it’s doing the “get out the vote” thing. Of course, that backfired in 1984 when Walter Mondale worked hard to get union members to turn out. It worked; union voters went to the polls but they cast their votes for Ronald Reagan. The effect of campaign managers and the operation is overstated. It’s like football games. They are won or lost because of players. If you have a lousy coach, it might make a difference, but at the elite levels, all the coaches are good. The campaign manager and campaign itself becomes secondary to the candidate and the context in which they are running, such as whether or not the economy is strong.

4. What worries you about American politics? What do you find heartening?

It's the gridlock; I don't know what to make of it in the bigger scheme of things. It could be temporary. There was a period similar to what we're in now after World War II, where for 10 years, there was a stalemate between parties and lots of obstructionism. It was solved by elections, which reshaped both of the parties in such a way that it was possible to assemble majorities. But we've also had periods – one was from 1840-1860 – where there was no electoral resolution to the gridlock and that led to war. I don't know whether to be heartened and say this is what it's all about: You go through stalemates then the voters decide and we just need to let elections happen. Or, maybe the system is broken. Clearly, the problems out there are huge – the economy is stagnant and people's expectations far exceed what their current resources are going to permit.

5. What is an accomplishment(s) of which you are most proud?

I served as chair of the department for the past five years, and I think the department is stronger and better. There are people in the department who are intellectually curious and take teaching very seriously. I'm really proud that over the past five years, we've grown despite economic problems facing the university.

One of the things that made me think about going into this career was my Washington internship. This new program that we're developing and which I am now directing – CU in DC – is a year-round internship opportunity available for any major on all CU campuses. We've not had a year-round internship opportunity before for our students, and I think it will be as life-shaping for them as it was for me. There's no telling where those kids will end up. Some might end up as governors or senators or professors or social workers, but they'll all be interesting people as a result of having that experience. We've run pilot programs the past three summers, so this year, we're really getting it off the ground. We'll have a class of about 25 students in D.C. next fall. There will be all kinds of internships available on the Hill, at agencies and think tanks, at the Smithsonian and in science labs. We're also looking at some technology to bring DC to CU, allowing guest lecturers to come to our classrooms virtually.

CU medical pros proved 'exceptional' in wake of devastation[4]

The July 20 theater shootings in Aurora were followed by extraordinary efforts by medical professionals at the University of Colorado Hospital and the CU Anschutz Medical Campus, as well as public and private displays and offerings of support for the victims, their families and extended community.

"The University of Colorado community, particularly the CU Anschutz Medical Campus community, extends its deepest condolences to the victims, family and friends affected by (the) tragic shooting," university leaders said that day. "The expertise and professionalism in the response of the doctors, nurses, other health care professionals and counseling professionals at the University of Colorado Hospital has been exceptional. We also appreciate the work of all those throughout the campus who responded to the tragedy."

The statement was made by Michael Carrigan, chair, University of Colorado Board of Regents; Bruce D. Benson, University of Colorado president; Donald Elliman, chancellor, University of Colorado Denver l Anschutz Medical Campus; and Lilly Marks, vice president for health affairs, University of Colorado, executive vice chancellor, Anschutz Medical Campus.

Since learning that the shooting suspect is a former student of the Graduate School, the university has fully cooperated with all aspects of the investigation, including the court order that prohibits the university from releasing information. For more details, please see this statement by Elliman and Marks[5].

For information on giving blood in honor of the victims, click here[6]. To donate to the Aurora Victim Relief Fund, click here[7].

Obama praises ‘extraordinary effort’ of UCH staff[8]

Shooting victim Michael White Jr. shows where the bullet entered his shoulder during the Aurora movie theater shooting. White was treated at University of Colorado Hospital and was visited by President Obama on July 22.

President Barack Obama visited victims of the Aurora movie theater shootings and praised the "extraordinary effort" of the University of Colorado Hospital staff who treated the wounded.

Obama spent about 90 minutes at the hospital July 22, visiting patients in their rooms, meeting victims' families and delivering a live address to the nation from the Anschutz Outpatient Pavilion.

"I come to them not so much as a president as I do a father and as a husband," Obama said. "I think the reason stories like this have such an impact on us is because we can all understand what it would be like to have somebody we love taken away from us in this fashion, what it would be like and how it would impact us."

He said the entire country is thinking about the victims and that what will be remembered will be the "good people" who were impacted by the tragedy.

Victims of the July 20 shooting were taken to six area hospitals. UCH treated the most patients, 23.

"I had the chance, fortunately, to visit some folks who are going to be OK," Obama said, "thanks to the extraordinary efforts of the staff at this hospital. I just want to thank everybody who worked tirelessly here to deal with this tragedy."

He said that, for some of the patients, their conditions were dire even 24 hours before his visit. "Now, suddenly, their eyes are open and they're alert, they're talking. It reminds you that even in the darkest days, life continues and people are strong and bounce back."

He shared the story of Allie Young, 19, who is recovering at UCH. Young was shot in the neck and her best friend Stephanie Davies applied pressure to the wound with one hand and dialed 911 on her cell phone with the other. After the gunman left the theater, Stephanie helped carry Allie across two parking lots to an ambulance.

"I don't know how many people at any age would have the presence of mind that Stephanie did or the courage that Allie showed," Obama said. "It's worth spending most of our time reflecting on young Americans like Allie and Stephanie because they represent what's best in us, and they assure us that out of the darkness a brighter day is going to come."

Obama also stopped in the rooms of shooting victims Pierce O'Farrill and Michael White Jr., both listed in good condition on Sunday. White said he was in awe of the visit by the president.

"It was just really amazing," he said. "He was talking about how we're strong and how it was great to see how many people were coming up (into the hospital) and getting together. (He said) everybody is supporting us as a nation. It's a good feeling."

White attended the movie with his dad and girlfriend Farrah Soudani, who was in the intensive care unit at UCH. Michael White Sr., an Air Force veteran, applied pressure to Farrah's abdominal wounds and laid over her until, suddenly, the gunman left the theater. Meanwhile, Michael White Jr. had been shot in the shoulder with the bullet breaking a rib before exiting out his back.

"Knowing that she's actually recovering has helped me out a lot ... it's a big weight off," Michael White Jr. said.

Michael's father was likewise touched by Obama's visit. "He was like a real person -- he just talks to you like you and

him have been buddies for a long time," he said.

During his live address in the Anschutz Outpatient Pavilion, President Obama was flanked by Sen. Michael Bennet, U.S. Rep. Ed Perlmutter, Aurora Police chief Dan Oates, Gov. John Hickenlooper and Sen. Mark Udall.

Finalists announced for CU-Boulder vice chancellor for administration[10]

Kambiz Khalili

Louise Vale

Senior Associate Vice Chancellor for Budget and Finance Steven McNally on Tuesday announced two finalists for the position of vice chancellor for administration at the University of Colorado Boulder.

The search committee, chaired by McNally, has recommended Kambiz Khalili, interim assistant vice chancellor for student affairs and executive director of housing and dining services on the CU-Boulder campus, and Louise Vale, director of internal audit for the University of Colorado system, as the two finalists.

“The internal search has produced two high-quality candidates for the VCA post,” McNally said. “I look forward to their campus visits, and I thank the members of the search committee for their hard work in identifying two internal finalists.”

The search committee hosts open forums with the candidates this week in the University Memorial Center Aspen Rooms. The open forum with Khalili was Wednesday; the open forum with Vale will be from 2:45 to 3:45 p.m. today.

Khalili, who has been at CU-Boulder since 2003, is responsible for overseeing the University Memorial Center and the Environmental Center concurrent to his leadership role in Housing and Dining Services. While director of Housing and Dining Services he also has provided leadership for a number of capital construction projects, including the Williams Village North residence hall and the dining center in the Center for Community, both of which have received LEED Platinum ratings. Prior to his positions at CU-Boulder, Khalili worked at the University of Northern Colorado for 15 years, concluding with his position as director of University Housing and Dining Services.

Khalili has a bachelor’s degree in mathematics from the University of Northern Colorado and a master’s of business administration from Colorado State University.

Vale has served in various administrative, budget, finance and internal audit positions since joining the University of Colorado in 1990. Prior to her current position, she served as the associate vice chancellor for budget and operations at the University of Colorado Denver. In that position, units she supervised included police, emergency preparedness, electronic security, budget, the bookstore, printing, mailing services, food services, institutional research and fiscal policy and analysis. She also participated in the capital budgeting and planning of new buildings at the CU Anschutz Medical Campus.

Vale has a bachelor’s degree in comprehensive business management from the University of Nebraska-Kearney, a master’s degree in management from the University of Colorado Denver and is a Certified Fraud Examiner.

The position of vice chancellor for administration reports to Senior Vice Chancellor and Chief Financial Officer Kelly Fox, who will make the final hiring decision. Should neither internal candidate be selected following interviews, the search could then expand to a national search. The post of vice chancellor for administration has been held on interim basis by Jeffrey Lipton since August 2011.

New system policy changes take effect[13]

The Office of Policy and Efficiency (OPE) announces changes to 10 administrative policy statements (APS) from the areas of academic affairs, fiscal, and human resources, including four consolidated policies that have been rolled into fiscal procedures or other existing policies; five policy revisions; and one new policy concerning special tuition status requirements for students.

The changes, approved by President Bruce Benson, took effect July 20. Overall, the changes have reduced the total number of system APSs from 92 to 89.

For more detailed information, go to http://www.cu.edu/policies/aps-changes.html[14].

New
8012 – Special Tuition Status
Consolidated into Other Policies
5027 – Annual Merit Adjustments for Faculty (see APS 5008) 8007 – In-State Tuition Status for Students Who are Honorably Discharged from the Military (see APS 8012) 8008 – In-State Tuition for Students Who Move to Colorado as the Result of an Economic Development Incentive (see APS 8012)
Rolled Into New Fiscal Procedures
4023 – Honoraria
Revisions
1016 – Procedures for Allocating Sponsored Project Funding on More Than One Campus 1024 – Approval of Sabbatical Assignments 5008 – Performance Ratings for Faculty 4024– Travel Authorization 5014 – Sexual Harassment
For more information on these and other policies under review for 2012, go to: http://www.cu.edu/policies/aps-under-review.html[15].

To receive periodic policy updates from the Office of Policy and Efficiency, please send an email to ope@cu.edu[16] and ask to be added to the OPE Distribution List.

Fire volunteers to be honored at reception[17]

A reception to celebrate the UCCS response to the Waldo Canyon fire and those who made it possible is scheduled for 4 p.m. Wednesday, Aug. 8, at the Gallery of Contemporary Art in Centennial Hall.

The event is sponsored by the Office of the Chancellor and is designed to thank those who volunteered to assist with extra duties during the community emergency June 26 through July 6. More than 40 individuals volunteered for such duties as cleaning rooms for use by off-duty fire fighters and National Guard members or directing traffic. Countless members of the UCCS community worked extra shifts as the campus hosted evacuees, community meetings and national media outlets.

The event will feature remarks of appreciation by Chancellor Pam Shockley-Zalabak and other members of the campus leadership team as well as a toast to the campus' collective efforts to assist the campus and broader Colorado Springs communities.

To attend the event, please respond to chancellor@uccs.edu[18], 719-255-3613 by Friday.

To see an overview of the UCCS response to the Waldo Canyon fire, visit http://communique.uccs.edu/?p=7365[19]

School of Medicine again leads magazine's Top Docs list[20]

[21]
The University of Colorado School of Medicine[22] has once again dominated the list of Top Docs in 5280 Magazine [23] for 2012. The list includes 222 faculty and staff members from the CU School of Medicine out of 337 top doctors rated in the Denver metro area.

View our Top Docs 2012 list from 5280 Magazine[24].

On the list are physicians and clinical volunteers who are full-, part-time or volunteer faculty who work with locally affiliated hospitals including University of Colorado Hospital, Children's Hospital Colorado, National Jewish Health, the Veterans Administration Health Center (Denver), Denver Health and several others.

For the last 19 years, the magazine has published an annual survey of medical professionals asking who among their local colleagues they would trust with their own health and the health of their families. The process includes an online ballot running from mid-January to mid-March in which Colorado doctors are invited to vote on the best among their peers. There are more than 80 medical fields to select from that have been approved by the American Board of Medical Specialties[25].

The School of Medicine physicians and clinical volunteers instruct the next generation of caregivers. The school is a leader nationally in education, research and healthcare. Community service is one of the key missions of the school.

Faculty of the CU School of Medicine educate and train more than 1,700 medical professionals each year including medical students, residents and fellows.

After shooting, Auraria community 'here to support each other'[26]

Vigil attendees write messages in honor of the shooting victims and their families on the sidewalk at Tivoli Commons.

Members of the Auraria community paused together the afternoon of July 26 to honor the victims, families and friends affected by the July 20 theater shooting in Aurora.

More than 100 people attended the 30-minute vigil, which concluded with the release of 45 doves over the Tivoli Commons as bagpipers played "Amazing Grace."

The vigil was organized by student government leaders and Office of Student Life representatives at the University of Colorado Denver, Metropolitan State University of Denver and Community College of Denver. Officials representing each institution spoke briefly.

Raul Cardenas, CU Denver associate vice chancellor for student affairs, thanked the student leaders for coordinating the vigil. He said the Auraria community wanted to honor the victims and their families.

"I think it's symbolic in these times of duress that we come together, regardless of what institution we belong to, that we're all one in this regard and we're all here to support each other," he said.

Ruth Possehl, clinical supervisor for the CU Denver Student and Community Counseling Center[28], said it is normal for people to be experiencing a spectrum of emotions in the tragedy's wake.

"This experience is like an ocean of grief," Possehl said. "This is an island of respite. We're here to be an island together because of our strong feelings of what happened in our community."

Large portraits of some of the shooting victims were displayed in front of the commons' stage. A row of candles sat in front of them, as well as colored chalk sticks for attendees to write messages on the plaza sidewalk.

Taylor Floyd, a CU Denver graduate student in accounting, said she was glad to see the support. She attended a July 23 campuswide forum where an attendee asked university officials if a vigil was in the works.

“It's really been affecting me,” Floyd said of the tragedy. “I just wanted to help, I guess. I was really glad to see my campus was going to do something to commemorate (the victims). It's not just the victims, it's the families, too. My heart is with them. I'm just glad to see our community come together."

Gordon Hamby, CU Denver student body president, performed with his guitar and harmonica. He sang the song "When I Look Up in the Sky."

"I wrote it last night," Hamby said. "I looked for songs, but nothing seemed to fit the bill."

He said it is important for the various institutions at Auraria to "show a sense of solidarity" as the community moves through the healing process. "It just helps the process and helps bring people together to realize that we're all in this together in the big picture -- we're not alone out there."

Here is a list of Campus Resources[29] to help people cope with the tragedy.

Presidential Early Career Awards for four CU-Boulder faculty[30]

Four University of Colorado Boulder faculty members are among 96 U.S. researchers named by the White House as recipients of the Presidential Early Career Award for Scientists and Engineers, or PECASE.

Erin Furtak

The winners announced last week are assistant professor Erin Furtak of the School of Education, assistant professor Cindy Regal of the physics department, associate professor David Noone of the atmospheric and oceanic sciences department and Rebecca Washenfelder, a scientist at the Cooperative Institute for Research in Environmental Sciences. The PECASE awards are the highest honor bestowed by the U.S. government on outstanding scientists and engineers in the early stages of their careers.

CU-Boulder ranked second in the nation for universities receiving PECASE awards in 2012 behind the Massachusetts Institute of Technology, which had five winners this year. Caltech and UCLA trailed CU-Boulder with three PECASE winners each.

Furtak was honored for developing new tools to support high school teachers in building the content knowledge and teaching skills needed to understand student perceptions regarding natural selection. She is working on-site with teachers at three high schools in Jefferson County over the course of four years to help them learn to use the tools to adapt instruction in order to meet students’ needs and increase their learning.

The White House cited Furtak “for innovative research on how professional development focused on learning progressions increases teacher knowledge and student achievement, and for working with schools and teachers to

implement such professional development in diverse settings." Her PECASE award is funded by the National Science Foundation.

Cindy Regal

Regal was honored "for discovery of pairing and condensation in a Fermi gas of atoms and broad contributions to the realization of laser-cooled nano-mechanical resonators." Also an associate fellow of JILA -- a joint institute of CU-Boulder and the National Institute of Standards and Technology -- Regal was additionally cited for her service as a mentor and role model for women in physics and for her numerous guest lectures to both domestic and international audiences. Her PECASE award is funded by the Department of Defense.

Noone was cited for the "innovative use of stable isotope tracers and modeling efforts directed towards an integrated understanding of the cycling of water and carbon dioxide through the atmosphere." In addition, Noone, also a fellow at CIRES -- a joint venture of CU and the National Oceanic and Atmospheric Administration -- was honored for actively engaging middle school students in cutting-edge research, including a project involving 200 local schoolchildren that involves collecting and analyzing rainwater that falls on rooftops to determine its origin and fate. His PECASE award is funded by the NSF.

David Noone

Washenfelder was honored for her "pioneering work in developing and applying new measurement techniques to study atmospheric chemistry related to climate and air quality and for commitment to science education and outreach." An atmospheric chemist, she developed a new instrument that uses light to study the sources, composition and longevity of aerosols -- tiny airborne particles that can impact both air quality and climate. Her PECASE award is funded by the Department of Commerce.

"We could not be more pleased to have these four talented people join our growing ranks of young faculty at CU-Boulder who have been named PECASE award winners by the White House," said Stein Sture, CU-Boulder vice chancellor for research. "These are the kind of exceptional young faculty members we strive to attract, and the types of individuals who we know will make a difference in the world through their high-caliber teaching, research and outreach."

In 2011, CU-Boulder Assistant Professor Alysia Marino of the physics department was named a PECASE award winner. In 2010, Assistant Professor Ivan Smalyukh of the physics department was named a PECASE award winner.

Rebecca Washenfelder

"Discoveries in science and technology not only strengthen our economy, they inspire us as a people," President Barack Obama said. "The impressive accomplishments of today's awardees so early in their careers promise even greater advances in the years ahead."

PECASE recipients are employed or funded by the following departments and agencies: Department of Agriculture, Department of Commerce, Department of Defense, Department of Education, Department of Energy, Department of Health and Human Services, Department of the Interior, Department of Veteran Affairs, Environmental Protection Agency, National Aeronautics and Space Administration and the National Science Foundation.

The departments and agencies join together annually to nominate the most meritorious scientists and engineers whose early accomplishments show the greatest promise for assuring America's preeminence in science and engineering and contributing to the awarding agencies' missions.

The awards, established by President Clinton in 1996, are coordinated by the Office of Science and Technology Policy within the Executive Office of the President. Awardees are selected for their pursuit of innovative research at the

frontiers of science and technology and their commitment to community service as demonstrated through scientific leadership, public education or community outreach.

[Renowned scientist Potter joins Alzheimer's research team][35]

Huntington Potter

Huntington Potter has been named director of Alzheimer's disease research at the University of Colorado School of Medicine, Department of Neurology, and the Linda Crnic Institute for Down Syndrome. Potter studied, researched and taught for 30 years at Harvard University. He discovered and is devoted to studying the mechanistic relationship between Alzheimer's disease and Down syndrome.

His lab will study the mechanism by which Alzheimer's disease and Down syndrome arise, as well as research drugs that could ameliorate or prevent Alzheimer's disease. He also will begin the process of building an Alzheimer's disease center for excellence in clinical care, the only one in Colorado and within a 1,000-mile radius of Denver.

Potter's seminal research led to the discovery of triplication of chromosome 21 in many cells of patients with Alzheimer's disease, leading Potter to postulate that people with Alzheimer's have a genetic defect or an environmental exposure that leads them to develop mosaic trisomy 21/Down syndrome.

In his new role, he also will develop clinical trials to prevent the onset of Alzheimer's disease.

"I'm excited to be part of the Crnic Institute and the Department of Neurology here on the Anschutz Medical Campus," Potter said. "Alzheimer's disease and Down syndrome are two sides of the same coin and studying them together will best hasten the development of new treatments for both. In Colorado, I can build the ideal joint program that should eventually benefit millions of people suffering from Alzheimer's disease including those with Down syndrome."

Tom Blumenthal, the Anna and John J. Sie Professor in Genomics and executive director of the Crnic Institute, welcomes Potter to the growing number of scientists working on Down syndrome research.

"Dr. Potter's hire underscores how providing research funds benefiting people with Down syndrome can also benefit tens of millions suffering from diseases such as Alzheimer's, congenital heart disease or certain cancers," Blumenthal said. "We are pleased to be collaborating with the Department of Neurology to hire such an outstanding scientist who is focused on helping people with Down syndrome and Alzheimer's disease."

The Crnic Institute is dedicated to eradicating the medical and cognitive ill effects associated with Down syndrome, and relies on the Global Down Syndrome Foundation for fundraising, education, awareness and government advocacy.

From 2004-2008, Potter was CEO and scientific director of the Johnnie B. Byrd Sr. Alzheimer's Center and Research Institute, during which time the Institute built the largest free-standing Alzheimer's disease research institute in the world and developed seven new treatments for Alzheimer's disease in preparation for human trials.

[CU-researched superconducting cables to be developed by Boulder startup][37]

[38]
Advanced Conductor Technologies LLC and the University of Colorado recently completed an exclusive option

agreement to allow the company to develop high-temperature superconducting cables that could be an enabling technology for high-current, DC power transmission and for the next generation of high-field magnets.

The technology portfolio covered by the option was developed by Danko van der Laan, a physicist with appointments at CU-Boulder and the National Institute of Standards and Technology (NIST[39]). High-temperature superconducting (HTS[40]) cables were initially developed for metropolitan electrical

networks because of their economy, reliability, and large transmission capacity. Van der Laan has developed a technique to make thinner, more flexible HTS cables that can carry the same (or greater) current. These more-compact cables have immediate applications in electrical grids and scientific and medical equipment; they may also enable HTS power transmission for military applications.

Looking forward, this technique opens the door to new markets that require flexible, high-current density power transmission cables, and also has potential for superconducting transformers, generators, and magnetic energy storage devices.

“The exclusive option agreement with CU is an important step for my company to develop what are now called conductor on round core (CORC) cables,” van der Laan said.

Within a year of its founding, Advanced Conductor Technologies was awarded three small business grants from the Department of Energy and the Department of Defense; the company is currently commercializing the CORC cables for the next generation of fusion magnets, energy storage magnets for airborne directed energy weapons and high-energy density cables for naval applications.

“Advanced Conductor Technologies is pursuing an aggressive development effort to bring this promising technology to market,” said Ted Weverka of the CU Technology Transfer Office.

California man’s bequest will support CU nursing scholarships[41]

An estate gift from Laguna Beach, Calif., resident J. Thomas (“Tommy”) Swanson will provide several scholarships in perpetuity for CU Denver nursing students, honoring his late wife who had CU ties and had logged more than 23,000 volunteer hours at a California hospital.

The Margery B. Swanson Scholarship Fund has been established with proceeds from the liquidation of his home, CU’s share of which is valued at more than $1 million. The bequest, received through the University of Colorado Foundation, is one of the largest scholarship gifts the CU College of Nursing has ever received.

Preference will be given to students pursuing advanced practice nurse practitioner, nurse midwife and clinical nurse specialist tracks. More of these advanced practitioners are needed to meet goals of health care changes today, outlined in a recent Institute of Medicine report on the future of nursing, according to Patricia Moritz, Ph.D., RN, FAAN, professor and dean of the College of Nursing.

“This bequest should help APN students complete their programs sooner and with less debt. These nurses are crucial to the provision of health care delivery in Colorado, and to filling clinical faculty roles,” Moritz said.

Tommy Swanson died in 2011 at age 99 and his wife, Margery, whom he met while they lived in Colorado in the 1930s, died in 1976. Margery attended CU-Boulder before moving with Tommy to California. The Swansons had no subsequent CU affiliation until Tommy, a successful investor, contacted CU years after Margery’s death to recognize her lifelong interest in nursing, in a region where she had historical ties. Margery’s mother was a principal stockholder in the Climax mine above Leadville, which once supplied 75 percent of the world’s molybdenum.

Planned gifts such as this are a powerful way for donors to maximize their long-term impact on programs throughout the University of Colorado. For information on how you can make a planned gift, contact 303-541-1335 or visit http://www.cufund.org/guide-to-giving/information-for/planned-giving/[42].

Record registration numbers for COLTT, which continues today[43]

The Colorado Learning and Teaching with Technology Conference is enjoying record registration for its 15th annual event, which began Wednesday and continues today at the Wolf Law Building on the CU-Boulder campus.

COLTT 2012 engages faculty, instructors, educational technologists, and students from the Rocky Mountain region and beyond to learn about current and emerging teaching technologies and practices, challenging the way they think about both. This year, a record number of over 380 participants will attend more than 70 sessions with the goal of making teaching and learning more effective in classrooms, online, and in virtual environments.

For more information about today's schedule, go to https//www.cu.edu/coltt[44]. Questions may be directed to Jill Lester, conference coordinator (coltt@cu.edu[45]) or to Deborah Keyek-Franssen, conference director (deblkf@colorado.edu[46]).

Connections resumes weekly publication schedule[47]

With today's issue, CU Connections resumes its regular weekly publication schedule for the new academic year.

A new edition appears each Thursday morning throughout the year. During part of the summer, new editions appear every other Thursday. Connections will not publish new issues on Nov. 22 (Thanksgiving), Dec. 27 and Jan. 3, 2013.

Deadline for submissions is noon Friday prior to the Thursday publication. Questions: Contact Connections editor Jay Dedrick, jay.dedrick@cu.edu[48], 303-860-5707.

Hastings-Tolsma awarded Fulbright grant for South Africa research[49]

Marie Hastings-Tolsma

Marie Hastings-Tolsma, associate professor at the University of Colorado College of Nursing, has been awarded a Fulbright Scholar grant to lecture and conduct research in South Africa during the 2012-2013 academic year.

Hastings-Tolsma will conduct research examining the indigenous plants commonly consumed by women in South Africa related to pregnancy and birth, particularly those used to initiate labor and to accelerate labor progress by midwives and traditional birth attendants. She will then compare the compounds in those herbs to compounds found in

herbs commonly used by U.S. women. Findings have the potential to help researchers understand what triggers the onset of labor, a process that remains elusive. Such knowledge could contribute to the development of interventions that could either halt preterm labor or initiate labor at term.

Hastings-Tolsma teaches in the nurse midwifery and doctoral nursing programs, as well as practices in the faculty nurse midwifery full-scope practice. Her research examines nurse midwifery outcomes and, in particular, alternative therapies used in cervical ripening. Last year, Hastings-Tolsma was honored as a faculty fellow by the American College of Nurse Midwives. She is one of approximately 1,100 United States faculty and professionals who will travel abroad through the Fulbright U.S. Scholar Program in 2012-2013.

Botts chosen for post in Office of the Provost[51]

Sheryl Botts – a veteran University of Colorado Colorado Springs College of Letters, Arts, and Sciences staff member – recently was named executive assistant in the Office of the Provost. **David Moon**, interim provost, announced her selection from a pool of internal candidates.

Botts joined UCCS in 2003 as an administrative assistant in the Office of the Dean for the College of Letters, Arts and Sciences. She later served as program assistant and human resources and business professional. In 2012, she earned the college's Outstanding Staff Service Award.

Before joining UCCS, Botts worked in Albuquerque public schools as a legal secretary, and as an accounts payable and payroll administrator. She earned a bachelor's degree in business administration from the University of Oklahoma, Norman.

Botts replaces **Kathy Englund,** who retired from UCCS July 31 after 23 years of service in positions in the Office of the Provost and the College of Engineering and Applied Science.

Thompson named dean of College of Nursing[52]

Sarah Thompson

Sarah Thompson has been appointed dean of the College of Nursing and will assume the role Aug. 27. She replaces retiring Dean **Pat Moritz**. Moritz has been part of the university for more than 20 years, and after becoming dean, oversaw the college's growth as a top nursing school.

Thompson is a professor and the associate dean of academic programs at the University of Nebraska Medical Center College of Nursing. She brings with her a wealth of leadership and clinical care experience as well as considerable accomplishments in research.

"The College of Nursing has a strong foundation in all of its missions: education, practice and research. It's poised to grow in all of these areas," Thompson said. "It's a real honor to have been chosen its dean."

Thompson said what stood out was the vitality of the Anschutz Medical Campus as well as its connection with the urban Denver campus. She has lived in the Midwest her entire life and finds Colorado to be a natural extension of her

time in Nebraska and Kansas. She earned her Ph.D. and master's at the University of Kansas and her bachelor's of nursing at the University of Oklahoma. Thompson also holds a certificate in gerontology.

She has taught at all levels in nursing and has practiced intensive care and hospice nursing. A nurse scientist herself, Thompson recently completed an NIH-funded study focused on end-of-life outcomes for nursing home residents.

Dropping names ...[54]

David Kumpe

The Sixth Annual School of Medicine Faculty Professionalism Award will go to two faculty members this year: **Michael Carry**, associate professor, cell and developmental biology and **Frederick Grover**, professor and past chair-Surgery. Carry was recognized for his dedication and commitment to excellence at the medical school for 32 years. Grover was recognized for his 21 years of service to the school, 11 of those as chair of the Department of Surgery. Click here for list of all the nominees[56]. …**David Kumpe**, professor of radiology at the University of Colorado Denver, has been awarded the Gold Medal of the Society of Interventional Radiology, the Society's highest honor. The honor is reserved for "exceptional service" in interventional radiology. A nominating letter said: "David is one of the somewhat overlooked heroes in the growth and maturity of IR in large measure due to his modest approach to his career and accomplishments." … **Ben Meyerhoff**, a University of Colorado Hospital employee badly injured in a bike accident Nov. 7, 2011, threw out the first pitch before the Rockies' July 15 game against the Philadelphia Phillies. Meyerhoff, paralyzed from the chest down after the accident, used a "chucker" to help him deliver the pitch as hospital employees and his family looked on. University of Colorado Health CEO Bruce Schroffel was originally scheduled to make the pitch but asked Meyerhoff to do it instead. For more on Meyerhoff's story, see the March 14 issue of the Insider[57].

Fire documentary earns Emmys for Carpenter, Bondelevitch[58]

"Above the Ashes" director-producer Michelle Bauer Carpenter with associate producers Brandon Vaccaro, left, and David Bondelevitch and their Heartland Emmys.

Michelle Bauer Carpenter's film detailing some of the heroic stories about the saving of homes during the catastrophic Fourmile Fire of 2010 recently won two Heartland Chapter Emmy Awards in the categories of best topical documentary and best program editing.

"Above the Ashes" was directed, produced and edited by Carpenter, an assistant professor in digital design in the College of Arts and Media at the University of Colorado Denver. The Emmys were presented in Denver and Oklahoma City on July 21.

Carpenter and her family live in the historic mining town of Sunshine in the Fourmile burn area.

"The losses our friends suffered are absolutely heartbreaking," she said. "Over half of the homes in our neighborhood were lost to the fire. As soon as we were allowed home I began documenting the devastation."

The film's surround sound, which received a nomination for best sound, was designed by **David Bondelevitch**, an assistant professor in CAM's music and entertainment Industry Studies Recording Arts program.

The film focuses on the untold heroes, the strength of mountain communities and the fire's devastation. Carpenter's video pieces have broadcast nationally and screened in numerous international and national film festivals and art galleries.

Another CAM-produced film, "Tuberculosis: The White Death," co-produced by assistant professor **Hans Rosenwinkel** and associate professor **Craig Volk**, was nominated in the category of best history documentary. The film is being distributed internationally in an hourlong DVD. The film was a collaboration among Rosenwinkel, Volk, numerous other CAM faculty, many students, National Jewish Health and **Elmer Koneman**, professor emeritus from the School of Medicine. Koneman approached CAM about doing a film about the scourge of tuberculosis.

The film was shot in Berlin, Africa and Denver, including at national Jewish Health. A half-hour version of "Tuberculosis: The White Death" aired on PBS.

Links
[1] https://connections.cu.edu/stories/private-support-2286-million-sets-new-record[2] https://connections.cu.edu/stories/five-questions-ken-bickers[3] https://connections.cu.edu/sites/default/files/wp-content/uploads/2012/08/5q-bickers2.png[4] https://connections.cu.edu/stories/cu-medical-pros-proved-%E2%80%98exceptional%E2%80%99-wake-devastation[5] http://www.ucdenver.edu/about/newsroom/newsreleases/Pages/Statement-regarding-public-disclosure-of-information.aspx[6] http://www.ucdenver.edu/about/newsroom/newsreleases/Pages/blood-drive-for-shooting-victims-.aspx[7] https://givingfirst.org/index.php?section=content&action=dynamic&cmsID=36[8] https://connections.cu.edu/stories/obama-praises-%E2%80%98extraordinary-effort%E2%80%99-uch-staff[9] https://connections.cu.edu/sites/default/files/wp-content/uploads/2012/08/obama-visits-victims1.png[10] https://connections.cu.edu/stories/finalists-announced-cu-boulder-vice-chancellor-administration[11] https://connections.cu.edu/sites/default/files/wp-content/uploads/2012/08/ucb-vc-finalist_khalili.png[12] https://connections.cu.edu/sites/default/files/wp-content/uploads/2012/08/ucb-vc-finalist_vale.png[13] https://connections.cu.edu/stories/new-system-policy-changes-take-effect[14] https://www.cu.edu/policies/aps-changes.html[15] https://www.cusys.edu/policies/aps-under-review.html[16] mailto:ope@cu.edu[17] https://connections.cu.edu/stories/fire-volunteers-be-honored-reception[18] mailto:chancellor@uccs.edu[19] http://communique.uccs.edu/?p=7365[20] https://connections.cu.edu/stories/school-medicine-again-leads-magazine%E2%80%99s-top-docs-list[21] https://connections.cu.edu/file/topdocswinnerjpg[22] http://www.ucdenver.edu/academics/colleges/medicalschool/Pages/somWelcome.aspx[23] http://www.5280.com/[24] http://www.ucdenver.edu/about/newsroom/newsreleases/Documents/5280TopDocs/5280-TopDocs-2012.pdf[25] http://www.abms.org/[26] https://connections.cu.edu/stories/after-shooting-auraria-community-%E2%80%98here-support-each-other%E2%80%99[27] https://connections.cu.edu/file/tivolijpg[28] http://www.ucdenver.edu/life/services/counseling-center/Pages/default.aspx[29] http://www.ucdenver.edu/about/WhoWeAre/Chancellor/TheChancellor/ChancellorsCommunications/Documents/PDF/Campus%20Resources.pdf[30] https://connections.cu.edu/stories/presidential-early-career-awards-four-cu-boulder-faculty[31] https://connections.cu.edu/file/cindyregaljpg[32] https://connections.cu.edu/file/cindyregal1jpg[33] https://connections.cu.edu/file/davidnoonejpg[34] https://connections.cu.edu/file/rebeccawashenfelder1jpg[35] https://connections.cu.edu/people/renowned-scientist-potter-joins-alzheimer%E2%80%99s-research-team[36] https://connections.cu.edu/people/renowned-scientist-potter-joins-alzheimers-research-team/huntingtonpotter-people-08-02-2012[37] https://connections.cu.edu/stories/cu-researched-superconducting-cables-be-developed-boulder-startup[38] https://connections.cu.edu/sites/default/files/wp-content/uploads/2012/08/tto-cable.png[39] http://www.nist.gov/[40] http://en.wikipedia.org/wiki/High-temperature_superconductivity[41] https://connections.cu.edu/stories/california-man%E2%80%99s-bequest-will-support-cu-nursing-scholarships[42] http://www.cufund.org/guide-to-giving/information-for/planned-giving/[43] https://connections.cu.edu/stories/record-registration-numbers-coltt-which-continues-today[44] https://www.cusys.edu/coltt[45] mailto:coltt@cu.edu[46]

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