UPDATE: Business, nonprofit, chamber of commerce leaders provide input for regents[1]

The University of Colorado can expand the use of internships, make better connections with businesses and play a key role in Colorado's emerging economic clusters, a panel told the CU Board of Regents at its annual summer retreat on July 22.

The panel comprised Tom Clark, executive vice president of the Metro Denver Chamber of Commerce; Renny Fagan, president and CEO of the Colorado Nonprofit Association; Richard Lewis, president and CEO of RTL Networks Inc.: and Diane Schwenke, president and CEO of the Grand Junction Area Chamber of Commerce.

The board had a wide-ranging discussion with panelists about how CU contributes to the state's economic health and work force development. Part of the session included a frank assessment of how the university can do better.

Clark said economic clusters key to Colorado's economic health, including aerospace and health care, increasingly are merging, and the university should look for opportunities in the emerging environment. He also said the university needs to do a better job of conveying its value so voters would be inclined to support potential ballot initiatives to increase funding.

Schwenke said higher education needs to be more nimble to serve the needs of a rapidly changing work force.

"We need to allow for people who are working to come back to school," she said. "We need more access points and exit points for education."

Fagan said the university should not forget opportunities for its students and programs in the nonprofit sector. He said the state has some 29,000 nonprofit organizations, which can provide important connections for CU.

"We want people who are critical thinkers and problem solvers," Fagan said. "We need to promote volunteerism and community engagement with students.

"The university should encourage the nonprofit world as a profession. Calling is important, but it's also a business."

CU does a good job in offering select nonprofit certificate programs, citing those at CU Denver and UCCS as prime examples.

Lewis said internships offer small businesses a resource while also providing potential career paths for students.

"It doesn't take much to take a kid with fresh knowledge into a position where they are generating revenue," he said.

Regent Stephen Ludwig asked the panel to provide insight into what is working at the university and what isn't.

"The CU system needs to serve the state as best we can with limited resources. We need to hear what we're doing right and what we could do better," he said.

Panelists agreed that alternative delivery methods for educational offerings, robust internship programs, public-private partnerships and access to faculty expertise need to be expanded. And CU needs to do a better job marketing itself.

"As you create partnerships, you create connections with people who will support you," Schwenke said.

Clark said the university needs to tout its strengths more. "You have too many good stories to tell, but some of the people telling them are afraid they are bragging."

He suggested a collaboration among the university, chambers of commerce, and business and community leaders to focus on sharing higher education's value.

UPDATE: Regents make slight changes to draft of 'Abilities and Attributes of a CU Graduate' document[2]

The University of Colorado Board of Regents made slight refinements to a draft list of the desired attributes and abilities of a CU graduate and has asked the faculty and other constituent groups to add their insights to the document, which will serve as a guidepost for further discussion on student learning outcomes and core curriculum. The board considered the draft at its annual summer retreat on July 22 and 23.

Most of the board's revisions were wording changes, but it also added two attributes: "demonstrate civic literacy" and "master relevant technologies."

The board asked that the faculty be the first stakeholder group to review and further refine the list. The board stressed that it wants the full Faculty Council and campus assemblies to have full discussion on the list and provide feedback. That process will occur over the course of the fall semester. The list will then be shared with other stakeholder groups, including students, alumni, staff and community members.

Faculty Council's Educational Policy and University Standards (EPUS) committee drafted the original document. Members of the Board of Regents expressed their thanks to the faculty and said the draft is on the right track. The current iteration of the list of desired attributes and abilities is:
Understand and practice ethical standards in all endeavors. Think critically, analytically and creatively. Identify, evaluate and apply appropriate information, evidence and technologies to solve problems. Master relevant technologies. Apply independent rational inquiry and self-directed learning to create new ideas. Communicate clearly and effectively, both verbally and in writing, for varied audiences. Possess knowledge and understand current conventions and modes of inquiry in disciplinary areas of study. Work collaboratively while respecting professional and individual differences. Serve and be actively engaged in local and global communities. Demonstrate civic literacy. Appreciate and respect diverse experiences, perspectives and realities. Pursue learning with enduring curiosity.

Grant will enhance early childhood mental health[3]

Infants and small children in Colorado and New Mexico — particularly those in underserved and at-risk demographics — will benefit from better access to care, service delivery, integration, provider training and public awareness of early childhood mental health, thanks to a major grant to the Harris Healthy Infant Program (HHIP) at the University of Colorado School of Medicine.

The two-year, $398,821 grant from the Michigan-based W.K. Kellogg Foundation began July 1. The Harris program operates out of the Department of Psychiatry in the School of Medicine at the University of Colorado Anschutz Medical Campus.

Examples of Harris program initiatives and services to be launched or expanded include:
On-site instant access to infant mental health counselors at pediatric primary-care clinics, eliminating the need for families to make separate appointments to see different providers at separate times and locations. **Training for pediatric health providers to help them identify potential developmental barriers in very young children**, enabling early diagnosis and mitigation of issues before they negatively affect childhood mental health and well-being. **Education and outreach on factors that improve early childhood mental health,** particularly the psychological and nutritional benefits of breastfeeding and improved mother/infant bonding. **Future work force development**, with postdoctoral fellowships that cultivate national health leaders who recognize the critical role of mental health in early childhood development.
HHIP personnel hope to help 1,500 families annually through pediatric primary care and prenatal services, integrate mental health care into 2,000 well-child visits, and provide related education to 100 health care and early providers, among other measurable program goals.

These initiatives address several major barriers to early childhood mental health care. Parents—especially low-income and rural parents—rarely can access or afford specialized mental health services for small children, and often cannot recognize or fully identify mental health components to their infant or toddler's developmental challenges. Pediatric providers are often too time-pressed, or lack sufficient confidence or experience, to address mental health issues during primary care appointments. And health services on many fronts have been squeezed by Colorado's budget pressures and the economic recession: The number of Colorado children under age 5 living in poverty nearly doubled between 2000 and 2009.

Yet this Harris grant comes on the heels of increased national recognition of the importance of early childhood preventive measures in maximizing lifetime health and wellness. For example, the U.S. Department of Health and Human Services in May announced $100 million in grants toward five priority preventive areas, one of which prominently features early childhood mental health projects. This increased focus is due in part to evidence-based scientific discoveries made within the last few decades.

"When I got into this field many years ago, my interest in early childhood mental health was based mainly on anecdote and intuition: that the earlier you got involved, the better it would be," said Associate Professor Karen Frankel, Ph.D., director of the program. "But now, there's research on a brain and neuronal level that indicates that by addressing these problems early, you can make a more positive impact. When a child veers off a healthy pathway, Harris Healthy Infant Program initiatives can help catch them just a few inches off that path, before they get miles away."

The CU School of Medicine program is one of just 12 U.S. university members of the Harris Professional Development Network, a landmark international network of early childhood mental health programs established by gifts from the Irving B. Harris Foundation.

This grant is among more than 200,000 gifts and grants received by the University of Colorado since the 2006 outset of Creating Futures[4], an unprecedented $1.5 billion fundraising campaign to support teaching, research, outreach and health programs on CU's four campuses. The program continues to seek private support; for more information on this program, visit www.medschool.ucdenver.edu/psychiatry/harrisprogram[5].

The W.K. Kellogg Foundation[6], established in 1930, supports children, families and communities as they strengthen and create conditions that propel vulnerable children to achieve success as individuals and as contributors to the larger community and society. Grants are concentrated in the United States, Latin America and the Caribbean, and southern Africa.

Welcome to CU Connections[7]

The University of Colorado Faculty and Staff Newsletter has a new name: CU Connections.

[8]
We think it's a bit catchier, certainly more succinct, and refers to what we have strived for since we began publication more than two years ago: foster connection among the faculty and staff throughout CU's four campuses and system administration. The name was chosen with the input of the systemwide Faculty Council and Staff Council.

It's been some time since we selected the name. That's because we wanted to have something new to pair with it, and today you're looking at it. CU Connections has been redesigned to provide a cleaner look and enable commenting on individual stories. We hope readers will take advantage of the opportunity to engage in discussion about individual items – simply sign up today to register with our site. We're asking those who post comments to provide their names and contact information so that we may verify authenticity, but only names will be posted to the site with comments.

We'll also continue to publish letters to the editor – including any thoughts and comments you have on this redesign.

As more colleagues and students return to campuses next month, we'll talk more about the changes we've made and how we think they'll make for a better reader experience. We also ask for your patience, as we're still getting used to our "new home" – we're bound to discover bugs that need fixing, and welcome your help in that mission. Feel free to contact the editor directly – Jay.Dedrick@cu.edu[9].

As always, thank you for reading.

Office of Policy and Efficiency announces seven policy changes[10]

The Office of Policy and Efficiency (OPE) has announced changes to seven administrative policy statements (APS) from the areas of academic affairs, administrative/general, fiscal, and human resources.

The changes – three policy eliminations, three policy revisions and one unrescinded policy – were approved by President Bruce Benson and took effect July 1, except for 4057-Employee Cost Savings Incentive Program, which will take effect Aug. 10; the reinstatement of 5027, Annual Merit Adjustments for Faculty, took effect May 1. Overall, these actions will reduce the total number of system APSs from 94 to 92. For more information, visit the University Policy Website at https://www.cu.edu/policies/aps-changes.html[11].

Eliminations
4057-Employee Cost Saving Incentive Program 4021-Gift In Kind Transactions 4026-University-Sponsored Fundraising Events
Revisions
1007-Misconduct in Research, Scholarship, and Creative Activities[12] (formerly Misconduct in Research and Authorship) 5002-Faculty Appointment Process[13] (formerly Letters of Proposed Offers and Contracts for Faculty Appointment) 5016-Faculty Retirement Agreements[14]
Unrescinded
5027-Annual Merit Adjustments for Faculty[15] (took effect May 1).

Regents retreat to mountains for wide-ranging discussion[16]

University of Colorado Board of Regents

The University of Colorado Board of Regents will focus part of its retreat this week on the work force needs of Colorado businesses and what they are looking for in CU graduates, as well as long-term budget solutions to ensure the university can meet those needs.

The board will have its annual summer retreat Friday and Saturday at President Bruce Benson's ranch in Silverthorne.

Regents will have sessions with a panel that includes Tom Clark, executive vice president of the Metro Denver Chamber of Commerce; Renny Fagan, president and CEO of the Colorado Nonprofit Association; Richard Lewis, president and CEO of RTL Networks, Inc.; and Diane Schwenke, president and CEO of the Grand Junction Area Chamber of Commerce. Discussion items include what the business community wants and needs in a CU graduate, work force needs, where businesses are recruiting and why, and what CU should consider strategically in order to serve the needs of Colorado businesses in the next five, 10 and 20 years.

The panel discussion will be followed by an informal discussion among the regents, business leaders and university executive leadership.

The regents also will discuss long-term planning issues, including budget solutions, with executive leadership, campus

leaders and finance vice chancellors.

The board also will recap the core curriculum discussion from its retreat last summer. Part of that will include discussion of a draft document detailing the ideal attributes and abilities of a CU graduate, which will then be further vetted by faculty, alumni, students and others.

Free online storage might come with a price[18]

It is human nature to be attracted by offers of free services. But when it comes to storing critical information, free may not always be the best way to go. Consider the news about Dropbox, a popular online document storage and sharing website that is free of charge. Recently, password authentication for its 25 million users was inadvertently shut down for about four hours. During that period, all documents of the affected users were accessible by anyone who typed a username – no password was needed.

Dropbox eventually reinstated authentication services; it's difficult to ascertain how many accounts were accessed improperly. Dropbox said only a few accounts were affected.

To expect a free provider to protect your data with high security might be unrealistic. At the same time, users of Dropbox probably expected that only they would be able to access their files. Dropbox asserts that they will encrypt all stored data; however, customers should know this information will be decrypted if Dropbox receives a subpoena for information.

The Office of Information Security would like to remind all CU employees that storing sensitive information on a third-party providers' service should be avoided. If there is a need to do so, please contact the Office of Information Security or the IT Security Principal on your campus[19] for more guidance before putting anything on such a website.

Five questions for Jan Rutherford[20]

Jan Rutherford atop Mount Massive, a climb he made last year.

At the age of 17, Jan Rutherford enlisted in the U.S. Army. He served as a Special Forces (Green Beret) medic and executive officer, and then as a military intelligence officer. Every day he watched leadership in action. As an impressionable youth, he soaked up the lessons, though he didn't realize it at the time. Now the "lifelong student" of leadership is a business professional and an adjunct professor, teaching classes on the subject at the Bard Center for Entrepreneurship at the University of Colorado Denver for MBA students and Doctor of Nursing Practice candidates.

His first book, "The Littlest Green Beret: On Self-Reliant Leadership," details the adversity he faced during his military career and explores what leaders do to inspire and effect change. He also hopes to pass on knowledge that will aid the readers' search for personal growth through self-reliance and learning opportunities.

"I learned to lead by example from military leaders. From some of the business leaders who were my mentors, I learned interpersonal skills, which in a word is listening," Rutherford said. "Really good leaders know how to listen. They listen because they care; because they care, they hear the unheard. When you hear the unheard, you're able to figure out what decisions you need to make and what course of action you need to take, and you can truly lead by example."

Rutherford said he couldn't have written the book without the support of his wife of 27 years, Jacquie, who he said is "saintly" and "the greatest wife on the planet"; and his children: Kevin, who is entering his final year at West Point,

and Kristen, who gave him the feedback he'd been waiting for "for a quarter of a century."

"Being a Green Beret was the hardest thing and the best thing I ever did," Rutherford said. "It taught me that if you want something bad enough, you can achieve it. It also taught me early on that, in order to get something worth getting, there's going to be sacrifice, whether it's physical, emotional, mental or all three. What I remember most is there's nothing like camaraderie when you are wet, tired, cold and hungry, when there's adversity. It's like how going on the vacation from hell is more memorable than a good vacation. You just hang tough, know it's going to get better and just take it moment by moment. That's what I learned about adversity."

- Cynthia Pasquale

1. What path did you take from being a Green Beret to teaching at CU?

When I was a kid, I read "My Side of the Mountain" by Jean George. It was about a 13-year-old boy who left New York City and went to live in the Catskills in a hollowed-out tree and had a falcon hunt for him. I wanted to be that kid. I grew up in the Everglades, and every year I asked my parents to let me go live in the woods by myself and they always said no. I've always had this fascination with the mountains and knew I needed to be there.

I spent nine years in the military and when I was done I was 26 and we had a baby. I was recruited back into Special Forces, and although I would have loved to do it, it wasn't the life for a family guy. I joined the pharmaceutical business and was out talking to doctors – which is like briefing generals – about health care and medicine. So I've been on the business side of health care ever since I got out of the military. It's allowed me to dictate where we lived, when we moved and how much I traveled, and I didn't have to get deployed away from my kids. I got to see them grow up.

In 1998, we created the opportunity to have a job based here. The first time we visited here, we felt like we were home. I have always wanted to teach and didn't see a leadership class at the Bard Center, so I created one. The first time it was marketed, nobody signed up. As part of the doctor of nursing practice program, students had to take a Business 101 class. We all thought that was crazy; they aren't going into business, but would lead change. Now my leadership class is a requirement for the DNP candidates, and at the Bard Center, students going through the entrepreneurship program can elect to take my class.

I created another class, Leadership and Entrepreneurship in Ireland, and took 15 MBA students to Ireland for two weeks. We met business and academic and government leaders there then came back and presented to a number of community leaders here in June. It was a big success. What we were hoping to do is build a bridge, especially since Colorado and Ireland are very similar.

We heard somebody in Ireland use the term "pracademic." I thought it was great because that's what an adjunct faculty brings – the practical side of business. I'm a practitioner, I'm in a leadership role, I'm in business, and I've been there, done that. The courses I created are centered on students forming teams and going out into community to study a leader and learn their leadership philosophy, talk to their followers and find out if they walk the talk. That helps internalize what leadership is. It gives them the confidence to call people on the phone and understand that people are willing to help, that they don't have to necessarily get another degree but can create their own learning environment.

That's a lot of what my book is about. When I say self-reliant leadership, I don't mean you're a leader all by yourself, I mean your development as a leader is up to you. Self-reliant leadership really means knowing which questions to ask yourself and having the courage to answer them and act and change behavior and make adjustments so you can be more effective.

2. What are the top characteristics (or core characteristics) of a leader as you see them? Not everyone has the fortitude to be in Special Forces. Can the same be said about being in a leadership role?

The No. 1 thing I think leaders have in common is a passion about something besides themselves. They know they need to develop other people to accomplish something bigger than any one person. The definition of leadership that I like says that a leader can articulate a vision in such a way that gains a true commitment from others. That says a

whole bunch of things: they have vision, they have passion, they know how to communicate, and they gain commitment, which means followers are committed vs. compliant.

That's the big misnomer of the military. Everybody thinks people in the military just do what they are told. The really great leaders in the military and in business are people who get people to follow them and who buy into what they are doing and why they are doing it.

I'd say 99 percent of people want to make a difference in the lives of others. But some people never figure out how to do that or get in a rut and think they can't do it. You can put a dozen people in extraordinary circumstances and someone will emerge as a leader.

[22]

3. What inspired you to write the book "The Littlest Green Beret" now and not 10 or 15 years ago, and why are you donating half the proceeds to the Green Beret Foundation and the Special Operations Warrior Foundation?

I had the idea forever, but in hindsight, I realize I couldn't have written it because I had all these experiences in business and in teaching. When I first taught, somebody said to me, "Now you have to face your own hypocrisy," and it's true. I didn't write the book thinking I had figured it out and knew everything, and I was a great leader. Instead it's about me being a student of leadership and what I've learned and who I've learned it from. What really made me get it done was a conversation with my son after he had a year at West Point and knew a little bit about the military. We were on a bike ride, and he said to me, "You did crappy in high school, you partied, you were little (5 foot, 4 inches), you had all these things going against you. You barely weighed enough to jump out of an airplane. From a reasonable, rational mind, you shouldn't have made it through. How did you do it?" He knew the answer, that I'm very competitive and didn't quit. That conversation led me to think that I needed to get the story out, and I wanted to dedicate it to my son's graduating class – the class of 2012.

I'm no hero. There are a lot of people who sacrificed before and after me, and I was lucky enough to have served during peace time. I was around great leaders at a very young and impressionable age, and I couldn't use Green Beret in the title without giving back; it wouldn't be right to use that name for my own benefit.

4. Now that you're living in the mountains, how do you enjoy them?

I've climbed 18 14ers. I mountain bike, road ride and backpack. I love being in the woods. I get recharged there and that's where my son and I bonded. It's also where we've had vacations from hell as a family. I need to be on a trail once a week. If I start the day out seeing deer or a rare bird, I know it's going to be a good day. I just got back from the East Coast where people are packed in like sardines and the only nature is in parks. Here, I'm always looking for new places. Climbing 14ers isn't really about checking them off – it's a way to make sure you're exploring new places.

5. Do you have a motto that you live by?

I have a quote that I love. "He who knows how to suffer everything can dare everything," from Luc de Clapiers Vauvenargues. Adversity is like an anvil that makes you stronger. I don't think you have to make yourself miserable and suffer, but when you know that you can suffer through things and you're not going to quit, you can dare things, you can take a risk, you can do more. That's one of the reasons I love hiking so much. When you climb a mountain, you feel like you just pushed yourself, that you've accomplished something. The view didn't come free, I toiled.

Eight UCCS faculty receive tenure[23]

Eight University of Colorado Colorado Springs faculty members recently were recommended for promotion to associate professor and the granting of tenure to the CU Board of Regents. The Board of Regents approved the recommendations June 22.

Promoted faculty members are:

Heather Albanesi, department of sociology, College of Letters, Arts and Sciences; **Timothy Behrens**, department of health sciences, Beth-El College of Nursing and Health Sciences; **Brian Duvick**, department of history, College of Letters, Arts and Sciences; **Barbara Frye**, department of curriculum and instruction, College of Education; **Andrew Ketsdever**, department of mechanical and aerospace engineering, College of Engineering and Applied Science; **Brian McAllister**, College of Business; **Amy Silva-Smith**, department of nursing, Beth-El College of Nursing and Health Sciences; and **Andrew Subudhi**, department of biology, College of Letters, Arts and Sciences.

UCCS names new director of student financial aid[24]

Rogers

Jevita R. Rogers, director of student financial aid at George Mason University in Fairfax, Va., will lead the student finance and employment office at the University of Colorado Colorado Springs.

Rogers' appointment, which will begin Aug. 8, was announced by **Homer Wesley,** vice chancellor, Student Success and Enrollment Management.

The UCCS Office of Student Financial Aid and Student Employment is responsible for the administration of public and private grants and scholarships, helping students with student loans and assisting with on- and off-campus employment.

"George Mason is a highly respected public university that serves a student demographic that is very similar to UCCS," Wesley said. "Jevita Rogers' experience and track record of success will serve UCCS students and their families well."

Rogers replaces **Lee Ingalls Noble,** who had retired in 2009 but returned to the university to serve as interim director since January. Noble was appointed interim director following the resignation of **Robert Bode.** Noble was director of the Office of Student Financial Aid from 1984 to 2009.

Rogers began as director of the Office of Student Financial Aid at Mason in 2001. The office distributed more than $277 million in financial aid to 14,500 of the 35,000 students enrolled at Virginia's largest university. She joined the office in 1992 as a financial aid counselor and also served as assistant director and acting director. Her professional career in student financial aid began in 1989.

"I am most excited to be joining the UCCS student success team and look forward to assisting UCCS students and families with financing their education as well as assisting students to become educated consumers along the way," Rogers said.

CU celebrates best year ever for private support[26]

Stem cell research that helps burned skin heal and regenerate. Integrated mental health counseling for Pikes Peak region seniors at little or no cost. A Jewish Studies program that bridges past and present and promotes mutual understanding. A scholarship program that charts a course from high school through medical school, preparing diverse high achievers for practice in Colorado communities.

These are a few of the 1,800-plus areas at the University of Colorado this past year to receive more than $213.2 million in private support — the highest total in CU history, according to preliminary figures announced today. More than 47,000 donors made gifts during the 12 months ending June 30, 2011.

“Setting a record for private support in this difficult economy demonstrates the confidence our donors have not only in the university, its faculty and students, but also in the strong stewardship of the university’s fundraising arm, the CU Foundation,” said CU President Bruce D. Benson. “Private contributions allow us to enhance the quality of our academic programs, research and student experience, so we appreciate the generosity of all our donors.”

Nearly $102.4 million in gifts and grants were contributed through the CU Foundation — an 11 percent year-over-year increase, and the third-highest total in CU Foundation history.

The total also includes $110.8 million in private support channeled directly to CU, rather than the foundation. By including faculty-generated private contracts and grants in this total for the first time, the 2010-11 figure reflects common standards for U.S. higher education campaigns. In April, CU announced Creating Futures, a $1.5 billion fundraising campaign. (The revised 2009-10 figure for private support to CU is $205.9 million, and the revised figure for 2007-08 — previously announced as the highest total ever — is $205.5 million.)

Benson reinforced that private philanthropy does not replace the need for operational funds squeezed by declining state funding, as 98 percent of gifts are earmarked by donors for specific purposes.

Private support for CU has held up well despite the economic downturn, and its future looks notably strong because of a significant upward trend in estate gifts. The CU Foundation recorded more than $33 million last year in commitments made via an individual’s will, its highest total ever for the second consecutive year. These estate commitments are not counted in fiscal-year or Creating Futures campaign totals, but they indicate a strong pipeline for future support.

Among the impacts from giving throughout the university system:
Teaching and Learning: A gift from Cordillera Energy Partners executives George Solich (BS ’83, Boulder; MBA ’91, Denver) and Tad Herz will help launch a new Center for Commodities at the University of Colorado Denver. The first U.S. university center to provide a comprehensive education in commodities such as energy, minerals and agriculture, the center will be a showcase at the new Business School home set to open in 2012. **Discovery and Innovation:** The Osborne Center for Science and Engineering at the University of Colorado Colorado Springs was named to honor the campus’s most generous individual donors in history, Ed and Mary Osborne. **Culture and Community:** Ruth (JD ’72) and Ken Wright set up an endowment for University of Colorado Boulder physics students who plan to teach in K-12 schools, honoring CU-Boulder physics “founding father” Al Bartlett, and reflecting CU’s ambition to improve education in science, technology, engineering and mathematics (STEM) disciplines. **Health and Wellness:** The Advancing Care Together program at the Anschutz Medical Campus will help integrate mental and physical health care, thanks to a grant from the Colorado Health Foundation, which supported 16 programs at CU this past year.

CU Foundation donors gave $46.9 million to the University of Colorado Boulder, $40.2 million to the Anschutz Medical Campus, $5.7 million to the University of Colorado Denver, and $6.9 million to the University of Colorado Colorado Springs, in addition to $2.7 million in other gifts to the CU system.

In the coming years, CU will continue to aggressively pursue its $1.5 billion goal for the Creating Futures campaign, the most ambitious in CU history. Priority fundraising areas include:

Scholarships, endowed chairs, and professorships on all CU campuses. **Research programs,** including an interdisciplinary, intercampus biotechnology initiative. **Buildings and infrastructure** such as the Jennie Smoly Caruthers Biotechnology Building in Boulder, the Health and Wellness Center on the Anschutz Medical Campus, the Business School in Denver and the Heller Center for Arts and Humanities in Colorado Springs. **Academic support** such as a bachelor of innovation program in Colorado Springs, a precollegiate program in Denver and a

Renewable and Sustainable Energy Initiative in Boulder.

“The support we’ve seen this year is a tribute to public confidence in the University of Colorado’s leaders and a reflection of the life-changing work CU’s faculty, staff and students pursue each day,” says J. Wayne Hutchens, president and CEO of the University of Colorado Foundation. “In a challenging budget environment, it is critical that CU build its endowments for the benefit of tomorrow’s students and Colorado’s citizens.”

On June 30, 2011, endowments held by the CU Foundation on behalf of CU totaled $781.2 million. The CU Foundation’s Long Term Investment Pool (LTIP), which includes the vast majority of these endowments, appreciated 19 percent for the most recent fiscal year. In the past seven years, the LTIP has appreciated about 8.5 percent annually, exceeding investment-committee benchmarks, and ranking the LTIP in the top 10 percent of peers over that period.

Optical biopsy shines light on prostate cancer[27]

Priya Werahera

How many angels can dance on the head of a pin? If the pin is a biopsy needle in the lab of Priya Werahera, Ph.D., the answer is nine: eight fiber-optic strands to deliver light into the prostate and one central fiber to read the tissue’s fluorescence.

“It’s a step forward in the way we diagnose prostate cancer,” said Werahera, investigator at the University of Colorado Cancer Center[29] and assistant professor in the departments of pathology and bioengineering at the University of Colorado. “What we did is redesign the inner needle of a standard prostate biopsy needle and insert a fiber-optic probe at its tip.”

A bit like a police officer’s radar gun, this fiber-optic probe emits light and reads the reflection. Because tumor tissue fluoresces differently than healthy tissue, the fiber-optic eye can see if and where cancer resides inside the prostate — in real time prior to extracting a tissue sample. The technology is moving toward market in collaboration between Colorado startup Precision Biopsy and Boston biotech Allied Minds. Precision Biopsy recently secured $2.5 million in funding to kick off the commercialization phase.

In the early 1990s, Werahera’s first project at the CU Cancer Center was to develop 3-D computer models of the prostate, i.e., digital replicas of prostates based on nine or 10 cross-sectional slices per specimen. These digital prostates and images of likely cancers within helped treatment teams decide on the need for further diagnostics, including mapping biopsies, in which a grid of prostate samples are taken in search of a cancer’s exact position.

[30]

Indirectly, Werahera’s current project brings the idea full circle — using the optical biopsy needle, Werahera can map the prostate as a grid, but has the added ability to only pull tissue samples from the grid holes that optically test positive for cancer. It’s like looking for plastic submarines in the game Battleship. With the single core sample of a traditional biopsy, it’s easy to miss one of these tiny, two-peg submarines; by optically scanning holes placed every five millimeters, Werahera’s grid has the ability to detect 95 percent of prostate cancers.

Precision biopsy technology might also have applications in treatment.

"Currently, surgeons don't know the margins of prostate tumors they operate on," Werahera said. "So they keep cutting until they excise all the cancerous tissue with a margin of healthy tissue."

This work is assisted by a pathologist in the operating room who examines excised tissue for signs of cancer. When the excised tissue tests healthy, the surgeon stops cutting. Werahera's optical biopsy needle might soon enable surgeons to determine tumor margins in real-time during surgeries, helping them cut only until the optical signs of cancer disappear. In follow-up care, the optical needle can help probe for recurrence.

In full, the device — developed by Werahera in collaboration with mechanical engineer John Daly, pathologists Scott Lucia and Francisco La Rosa, clinical urologists David Crawford and Fernando Kim, and more than 20 members of the University of Colorado Prostate Cancer Research Laboratory — consists of the re-engineered biopsy needle with a fiber-optic probe, the standard biopsy gun and a small electronic device that reads tissue fluorescence from the needle's fiber-optic probe to tell the doctor whether cancer exists in the surrounding tissue.

"Engineering can make a substantial difference in how physicians manage this disease," Werahera said. "With Precision Biopsy technology, we use engineering and mathematics to identify prostate cancer in real-time. How to use that information is up to the doctor."

How the School of Education went green – and saved money at the same time[31]

Get Green is an incentive program designed by a dedicated mix of staff and faculty at CU Denver's School of Education and Human Development who are determined to educate and encourage faculty, staff and students to adopt greener habits.

Get Green launched in August 2010 with the program "v1.0 Reducing our footprint," which focused on the school's use of paper, printers and copiers. From then through May 2011, faculty and staff reduced copying and printing by 35 percent for a savings of more than $20,000. The savings included reductions in paper, toner, copy machine use and printing ordered from outside vendors. But most significantly, changes in habits and processes continue to benefit the school and the environment.

Words of wisdom from the Green Team:
Make it a fun, positive contest. Academic programs and units competed monthly to be the biggest reducer. Data was gathered each month using printer logins and copy codes. The number of pages consumed was compared to that program/unit's consumption from the previous budget year for the same month. **Help participants think about the environmental significance of their actions.** Most people want to go green. Some just need a reason (like a contest) to start better habits. **Keep people engaged on a regular basis.** Trivia contests, raffles and regular emails with tips keep people active in the process. **Get participants to think before they print.** Members of the Green Team attended academic program faculty meetings and staff meetings, engaging everyone in conversations about the effort. **Get people to print in duplex.** Before the initiative started, only 15 percent of materials were printed in duplex. Now, a year later, 32 percent of print projects are double-sided. **Support people who need help with technology.** The school's technology team was in full support of the effort and helped everyone make better use of the paper-saving technology available to them. **Make the RTP (retention, 10-year, promotion) process for faculty electronic.** One Green Team member advocated for changing a paper-intensive process into a more electronic-based practice. **Track progress on a Get Green website.** The Green Team created a website where faculty and staff could find resources, see results and ask for help. **Award prizes on a monthly and annual basis.** The most popular prizes were lunches for the units who brought about the biggest reduction in their copying/printing in a given month. Other prizes included Starbucks gift certificates, gardening gloves and plants. **Celebrate year-end results.** An end-of-the-budget-year Green Team party drew over 75 participants and encouraged everyone to keep up the good habits.
The Green Team is open to new ideas and is preparing to launch a new initiative for the School of Education in August. For more information on how to start a Green Team for your school or college, please contact Allison Rehor, Allison.Rehor@ucdenver.edu[32], or 303-315-4921.

McKinney to lead advocacy efforts for CU system[33]

Michele McKinney

Michele McKinney has been named external affairs and advocacy director for the University of Colorado's four-campus system, where she'll lead efforts to educate and engage key constituents.

McKinney will oversee CU's state and national efforts to build a network to convey the university's educational, research and economic contributions to Colorado and beyond, as well as to raise awareness about issues affecting higher education.

The program will focus primarily on advocacy activities related to legislative issues, fundraising and reputation. McKinney will work closely with CU's operations in alumni relations, fundraising, government relations and campus outreach.

"Michele brings considerable experience and knowledge of CU and higher education to this important initiative for our university," said CU President Bruce D. Benson. "It is critical for CU to effectively relate its value and its challenges to a variety of people who care about the university so we can enlist their support. Michele is the right person for the job."

Benson also said advocacy efforts are important to the success of Creating Futures, CU's $1.5 billion fundraising campaign announced in April.

McKinney has more than a dozen years of experience in Colorado higher education. She previously served as Denver public relations director for Colorado State University and provided communication support to its system office and Board of Governors. She also spent six years as director of communications for the CU president's office. She earned a bachelor's degree in business administration from The American University in Washington, D.C.

"CU has great statewide recognition, with die-hard alumni and supporter bases, and has long-established and productive relationships with the business community," McKinney said. "I am excited to capitalize on these strengths with a new external affairs and advocacy program that will mobilize CU supporters."

The new program will form a network of supporters of CU campuses and public higher education. Members will help with public policy and legislative issues and shape public opinion, while broadening support of CU.

"It is imperative for our advocates to help the university spread the word about its many contributions to Colorado, the value a CU degree has brought to their lives, and the dire environment of state funding that faces the university," McKinney said. "We need to have a serious conversation with Coloradans about keeping CU affordable so future generations of students can earn the outstanding education this state expects from CU. Our advocacy program will help us have that conversation."

Lexmark pledges $250,000 for engineering scholarship endowment[35]

Paul J. Curlander

Lexmark International has pledged $250,000 to endow a scholarship fund for CU-Boulder engineering students, and to honor the career of Paul J. Curlander ('74), who retired this spring as Lexmark chairman and CEO.

The scholarship supports students who participate in CU's Broadening Opportunity through Leadership and Diversity (BOLD) center, who are majoring in chemical engineering and who reside in Colorado or surrounding states.

Through the fund, coupled with student employment opportunities, Lexmark intends to grow a partnership between its Boulder research and development facility – which specializes in the development of electrophotographic imaging technology – and the College of Engineering and Applied Science at CU-Boulder.

After receiving his CU-Boulder bachelor's degree in electrical engineering, Curlander joined IBM as an electrical engineer in 1974. Curlander received a master's degree in electrical engineering (1977) and a Ph.D. in electrical engineering (1979) from the Massachusetts Institute of Technology.

After 17 years in various positions at IBM, he joined Lexmark at its spinoff from IBM in 1991. He became Lexmark's CEO in 1998 and Chairman of the Board in 1999, retiring in 2011.

Poetry book takes state honor[37]

Beer

University of Colorado Denver Professor **Nicky Beer's** first book, "The Diminishing House" (Carnegie Mellon University Press, 2010), has won the Colorado Book Award for poetry. The award is the latest of several recognitions Beer has received for her writing.

The Colorado Book Awards is an annual program that honors the best books in a variety of categories with Colorado writers as primary contributors. This year, a total of 146 entries across the different categories were submitted. Judges from around the state gathered with writers and others at the Aspen Summer Words writing retreat and literary festival in Aspen on June 24, where "The Diminishing House" was announced as the winner for poetry books.

"While much of the book centers around the death of my father, it's also a product of the talented literary teachers, mentors and peers I've been surrounded by as the poems were written, and the great fortune I've had to benefit from their advice, guidance and example," Beer said.

Beer teaches courses in creative writing and co-edits the school's literary journal, Copper Nickel, with her husband and fellow poet, **Brian Barker.**

West entrance sign formally dedicated[39]

Photo by Tom Hutton

The final touches for a 54-foot-by-13-foot concrete sign that signifies the west entrance to UCCS are complete.

Bushes planted as part of landscaping are taking root and solar-powered lights ensure all who pass by the intersection of Austin Bluffs Parkway and North Nevada Avenue know they are entering UCCS territory.

Formal dedication ceremonies for the sign were this morning on the northeast corner of the intersection. Representatives of local government, civic organizations, businesses and the campus community attended.

"It is important that we, as a university, say thank you to those who made this sign – the subject of many discussions

and dreams over the years – a reality," said Martin Wood, vice chancellor, University Advancement, before the event.

Representatives of El Paso County, the Greater Colorado Springs Chamber of Commerce, C&C Sand and GH Phipps Construction were expected to attend and to be recognized by UCCS leadership for their financial or in-kind donations.

"Without the donated materials, construction management services and labor, this sign wouldn't have happened," said Brian Burnett, vice chancellor, administration and finance. "We are deeply appreciative of so many people seeing the importance of this project and being willing to contribute to it."

The primary portions of the sign were completed in October 2010, with details such as plants, mulch and irrigation completed this spring by UCCS Facilities Services staff members. The dedication ceremony was scheduled to allow donors to attend.

A sign announcing the university's presence at one of the city's busiest intersections was bandied about for more than a decade, Wood said, but the project was routinely postponed because of a lack of funds.

Details on impact of efficiency legislation coming soon[41]

Gov. John Hickenlooper signed House Bill 11-1301 into law at the University of Colorado Colorado Springs last month.

The newest installment of higher education efficiency legislation was signed into law last month and will take effect Aug. 10. But the implementation of changes throughout the University of Colorado will be a process unfolding over the next several weeks.

A sequel of sorts to last year's Senate Bill 3, House Bill 11-1301[43] became official when Gov. John Hickenlooper added his signature during an event last month at the University of Colorado Colorado Springs.

The changes aimed to help CU and other institutions carry out their missions with less red tape and focused on four key areas:
Capital construction and facilities Student issues Employee issues Operational flexibility
At CU, many of the changes require policy development and implementation. Details will be announced in CU Connections in the weeks ahead.

Gift establishes endowed chair in finance at Leeds School of Business [44]

The Leeds School of Business at the University of Colorado Boulder has announced that alumnus Richard "Dick" M. Burridge Sr. ('51 finance) has made a $2.5 million gift that, combined with other commitments, will establish the Burridge Chair in Finance – the first chair to be established at the school.

"This endowed chair is one major step in my drive to advance not only the finance division, but the entire Leeds School to the forefront of business education," said Dean David Ikenberry. "Given the remarkable Colorado-based investment community, it is fitting and appropriate that this gift be named for one of the pre-eminent experts in investment finance and that, in turn, it will help Leeds educate future leaders in key areas of finance. Gifts such as this are indeed vital for the Leeds School to compete at the highest level."

Through the gift, Burridge, whose early philanthropic efforts in 1997 also helped establish the Burridge Center for Securities Analysis and Valuation at Leeds, is extending his ongoing support for the school and the center through volunteering and philanthropy.

“My gift enhances the efforts of new dean David Ikenberry to expand the depth and quality of the school’s finance faculty,” Burridge said. “It will also help the dean realize the goal of being one of the top business schools in the country.”

The center creates and shares knowledge relating to financial markets, principally the U.S. financial markets. The center also encourages professional investment managers, finance scholars, policymakers and the investing public to exchange ideas, and ultimately helps stimulate relevant financial research to help markets and investors.

“Dick Burridge Sr. is a longtime supporter of the Leeds School as well as the University of Colorado Boulder campus,” said Phil DiStefano, CU-Boulder chancellor. “His investment in the endowed chair will enhance the visibility and reputation of the school and further elevate an already very strong finance faculty.”

“Over the past three decades, no one has had a greater commitment to the success of the university, and the Leeds School in particular, than Dick Burridge,” said Michael Leeds, co-chair of the Creating Futures campaign for the Leeds School of Business. “He has been a true partner to the school and the CU Foundation as the Investment Policy committee chair. It is no surprise that Dick is spearheading the recent public announcement of the Creating Futures campaign with this wonderful gift.”

The Burridge gift is one of the first major gifts announced during the public phase of the Creating Futures fundraising campaign announced in April 2011. Since inception in 2006, the campaign has raised over 200,000 gifts toward a goal of $1.5 billion to support teaching, research, outreach and health programs on the four CU campuses.

Dropping names ...[45]

Rumack

Watson

Carol Rumack, University of Colorado Denver associate dean for graduate medical education and professor of radiology pediatrics, was awarded the 2011 Gold Medal by the International Society for Pediatric Radiology (SPR) during its recent annual meeting in London. Rumack was chosen for her “seminal scientific research contributions, a deeply committed lifetime of academic leadership, wide-ranging accomplishments in medical education and mentoring, and a sterling international reputation,” the SPR said. … Distinguished Professor **Jean Watson** of the College of Nursing at the University of Colorado Denver, recently received international honorary doctorates from the Universitat Rovira I Virgili, Tarragona, Spain; the University of Victoria, British Columbia; and Bedfordshire University, England. Watson also has a newly published work, “Human Caring Science,” and two recent collaborative publications, “Creating a Caring Science Curriculum” and “Measuring Caring: A Compilation of International Research on Caritas as Healing Intervention.” … **Glenn Morris**, associate professor of political science at the University of Colorado Denver, supervised a delegation of 10 American Indian CU Denver students who recently participated in the 10th Session of the United Nations Permanent Forum on Indigenous Issues. Morris also presented on the topic of “International Legal Developments Regarding Treaties Between Indigenous Peoples and States” at an international conference in Canada.

Links

[1] https://connections.cu.edu/stories/update-business-nonprofit-chamber-commerce-leaders-provide-input-regents[2] https://connections.cu.edu/stories/update-regents-make-slight-changes-draft-%E2%80%98abilities-and-attributes-cu-graduate%E2%80%99-document[3] https://connections.cu.edu/stories/grant-will-enhance-early-childhood-mental-health[4] http://www.cufund.org/campaign/[5] http://www.medschool.ucdenver.edu/psychiatry/harrisprogram[6] http://www.wkkf.org/[7] https://connections.cu.edu/stories/welcome-cu-connections[8] https://connections.cu.edu/news/welcome-to-cu-connections/welcome[9] mailto:Jay.Dedrick@cu.edu[10] https://connections.cu.edu/stories/office-policy-and-efficiency-announces-seven-policy-changes[11] https://www.cu.edu/policies/aps-changes.html[12] https://www.cu.edu/policies/aps/academic/1007.pdf[13] https://www.cu.edu/policies/aps/hr/5002.pdf[14] https://www.cu.edu/policies/aps/hr/5016.pdf[15] https://www.cu.edu/policies/aps/hr/5027.pdf[16] https://connections.cu.edu/stories/regents-retreat-mountains-wide-ranging-discussion[17] https://connections.cu.edu/news/regents-retreat-to-mountains-for-wide-ranging-discussion/bor-retreat[18] https://connections.cu.edu/stories/free-online-storage-might-come-price[19] https://www.cu.edu/content/contact-us-0[20] https://connections.cu.edu/stories/five-questions-jan-rutherford[21] https://connections.cu.edu/news/five-questions-for-jan-rutherford/5qs-page_rutherford-2[22] https://connections.cu.edu/news/five-questions-for-jan-rutherford/5qs-page_rutherford2[23] https://connections.cu.edu/people/eight-uccs-faculty-receive-tenure[24] https://connections.cu.edu/people/uccs-names-new-director-student-financial-aid[25] https://connections.cu.edu/file/peoplerogersjpg[26] https://connections.cu.edu/stories/cu-celebrates-best-year-ever-private-support[27] https://connections.cu.edu/stories/optical-biopsy-shines-light-prostate-cancer[28] https://connections.cu.edu/file/ucdweraherajpg[29] http://www.ucdenver.edu/academics/colleges/medicalschool/centers/cancercenter/Pages/CancerCenter.aspx[30] https://connections.cu.edu/file/ucdwerahera2jpg[31] https://connections.cu.edu/stories/how-school-education-went-green-%E2%80%93-and-saved-money-same-time[32] mailto:Allison.Rehor@ucdenver.edu[33] https://connections.cu.edu/stories/mckinney-lead-advocacy-efforts-cu-system[34] https://connections.cu.edu/news/mckinney-to-lead-advocacy-efforts-for-cu-system/mm[35] https://connections.cu.edu/stories/lexmark-pledges-250000-engineering-scholarship-endowment[36] https://connections.cu.edu/across-cu/lexmark-pledges-250000-for-engineering-scholarship-endowment/foundation_curlander[37] https://connections.cu.edu/people/poetry-book-takes-state-honor[38] https://connections.cu.edu/file/peoplebeerjpg[39] https://connections.cu.edu/stories/west-entrance-sign-formally-dedicated[40] https://connections.cu.edu/file/uccssign1jpg[41] https://connections.cu.edu/stories/details-impact-efficiency-legislation-coming-soon[42] https://connections.cu.edu/file/bill-signjpg[43] http://www.leg.state.co.us/clics/clics2011a/csl.nsf/fsbillcont3/3DF6454C7E1E0EF187257808008011E6?open&file=1301_enr.pdf[44] https://connections.cu.edu/stories/gift-establishes-endowed-chair-finance-leeds-school-business[45] https://connections.cu.edu/people/dropping-names-111[46] https://connections.cu.edu/file/peoplerumackjpg[47] https://connections.cu.edu/file/peoplewatsonjpg