CU-Boulder mourns loss of David Getches[1]

David Getches

Longtime University of Colorado Law School Dean David Getches, who had stepped down June 30 in order to return to the school's faculty, died Tuesday, July 5. He was 68.

Getches joined the faculty of Colorado Law in 1979 as a nationally renowned expert in natural resources and Indian law issues. He wrote several books on water law, natural resources law and Indian rights issues and his work has appeared in numerous publications.

"On behalf of the entire University of Colorado community, I wish to express my deepest and heartfelt condolences to the family and friends of David Getches," said Chancellor Phil DiStefano. "David provided exceptional leadership as dean of the Law School for close to a decade and had an outstanding career as a scholar and teacher. He will be greatly missed as a friend, colleague and member of the CU community, as well as by members of the legal profession throughout the United States."

Getches served as dean of Colorado Law from 2003 to 2011. Under his leadership, the university financed and constructed the $46 million Wolf Law Building and expanded the academic offerings at the law school, which include an endowed Experiential Learning Program, three master of laws degrees, three legal clinics, three certificates and eight dual degrees.

"David Getches came along at exactly the right time for the American West, which has undergone such sweeping changes over the past half-century," said Charles Wilkinson, Moses Lasky Professor of Law and longtime friend. "As a wise advocate and leading public intellectual, David brought vision, common sense and passion to pressing issues of water, land and Indian rights. Now Indian tribes, universities, government offices, conservationists and the rivers themselves will grieve aloud. We will not see his kind again."

Phil Weiser, who took over as dean of Colorado Law on July 1, said, "David leaves a remarkable legacy of integrity and commitment to excellence. All of us in the Colorado Law community will miss him greatly and I will miss him dearly as a mentor and a friend. His memory and spirit will remain a blessing to us all."

From 1983 to 1987, Getches was executive director of the Colorado Department of Natural Resources under Gov. Richard D. Lamm. Getches earned his undergraduate degree from Occidental College in California and his law degree from the University of Southern California School of Law. He began his legal career in 1967 with the law firm of Luce, Forward, Hamilton and Scripps in San Diego. In 1968, he was co-directing attorney for California Indian Legal Services; in 1970, he moved to Colorado to become the founding executive director for the Boulder-based Native American Rights Fund, a national, nonprofit Indian-interest law firm.

A memorial service for Getches is being planned and will be announced at a later date.

Contributions may be sent to the David H. Getches Scholarship Fund. Additional information is available at www.cufund.org/GetchesScholarship[3].

Step Up for Cancer needs volunteers[4]

The AMC Cancer Fund/University of Colorado Cancer Center is among the nonprofit organizations participating in Step Up For Cancer, a stair-climbing event aimed at boosting awareness, fundraising and education in the fight against cancer. Volunteers are sought for the event, set for Aug. 7 at Dick's Sporting Goods Park.

For details, go to: http://www.stepupforcancer.org/volunteer[5].

Pioneering use of technology for distance education earns kudos[6]

By Tom Hutton

The University of Colorado Colorado Springs was recognized for its visionary application of information technology promoting positive social, economic and educational change by the publisher of Computerworld magazine at a June 20 awards ceremony in Washington, D.C.

Jerry Wilson, executive director, Information Technology, accepted an award that recognized UCCS for its use of technology to expand nursing education to southern Colorado. For the fall 2010 semester, the UCCS Beth-El College of Nursing and Health Sciences began offering nursing education courses using CISCO Telepresence to students at Otero Junior College and Lamar Community College. The technology also was used by the College of Engineering and Applied Science to teach robotics courses.

UCCS is believed to be the first university to use CISCO Telepresence to offer for-credit college courses.

Wilson attended the Computerworld Annual Laureates Medal Ceremony and Gala Awards June 20 at the Andrew W. Mellon Auditorium in Washington, D.C. A complete list of winners and background on the award is available at http://marketing.computerworld.com/Honors_%202011_%20PRE-Event_%20Press_%20Release_final.pdf[7].

Since 1988, the Computerworld Honors Program has recognized those who use information technology to benefit society. Computerworld is the leading source of technology news and information for the information technology industry. It is published by IDG Enterprise, a subsidiary of International Data Group.

To download a video demonstration of the technology used by UCCS and its impact on rural Colorado students, visit http://www.strangemedia.com/Cisco/Smart+Connected/Colorado/[8] and click on the "Colorado Master" file.

Longevity honor for Krugman[9]

Krugman

Richard Krugman, M.D., dean of the University of Colorado School of Medicine, is now the longest serving medical school dean in the country.

The honor previously was held by Charles H. McKown Jr., who served as dean of the Marshall University Joan C. Edwards School of Medicine for more than 22 years before recently stepping down. McKown will serve as Marshall University's vice president for health sciences advancement.

Krugman became dean of the CU School of Medicine on March 1, 1992, after serving as acting dean for 20 months.

Krugman also is the first vice chancellor for health affairs for the University of Colorado Denver, supporting the deans of the Schools of Dental Medicine, Pharmacy and Public Health, the College of Nursing and the Graduate School for the health sciences. He oversees all clinical programs of the university at its five affiliated hospitals; the Center on Aging, the Center of Bioethics and Humanities, the Colorado Area Health Education (AHEC) system and Risk Management also report to him.

A board-certified pediatrician, he earned his medical degree from New York University School of Medicine and served

his internship and residency in pediatrics at the CU School of Medicine. He joined the CU Denver faculty in 1973.

Augspurger to direct student advising at UCCS[11]

Augspurger

The director of undergraduate programs for the College of Business at the University of Colorado Colorado Springs has a new title.

Greg Augspurger now is director of advising and orientation. He will be responsible for universitywide academic advising and new student orientation and will report to Barbara Gaddis, executive director of the Division of Student Success. Gaddis will have overall responsibility for student advising, student retention and the Office of First Year Experience.

"Greg brings a unique combination of experience as an academic adviser, as a financial adviser in private practice and as a college-level administrator," said Homer Wesley, vice chancellor for Student Success and Enrollment Management. "I believe his experiences will provide students an excellent advising experience."

As director of undergraduate programs for the College of Business since 2008, Augspurger managed daily operations of the college's undergraduate programs including providing career planning and academic guidance to current and future students. He also helped with the implementation of schedule changes to accommodate nontraditional students, coordinated undergraduate certificate and extended studies programs, and managed enrollments and adjunct faculty to ensure students received required courses in a timely manner.

"I'm very excited about making this move," Augspurger said. "I know that I get the chance to lead a great group of people and have the opportunity to implement changes that will have a positive impact on campus."

Augspurger earned a bachelor's degree from Wabash College, Crawfordsville, Ind., a master's in counseling and human services from UCCS, and a master's of business administration from UCCS.

He replaces Sue Mitchell, who retired from UCCS on July 1 after 21 years, including almost 12 years as director of the Student Success Center.

— Tom Hutton

CU connected to space shuttle's legacy of triumph, tragedy[13]

[14]
When NASA's 30-year-old space shuttle program is shuttered following the Atlantis mission this month, the University of Colorado Boulder will look back at a rich relationship filled with triumph and tragedy and look ahead to an evolving international program of government and private efforts that will send humans and cargo into orbit.

Of the 19 astronaut-affiliates from CU – 18 from CU-Boulder and one from the University of Colorado Colorado Springs – 16 flew on a total of 40 NASA space shuttle missions. The two who flew the most shuttle missions – five each – were Jim Voss (master's in aerospace engineering, 1974), a current scholar in residence at CU-Boulder, and Marsha Ivins (bachelor's in aerospace engineering, 1973).

Vance Brand, a Longmont native with two CU-Boulder degrees (bachelor's in business, 1953, and bachelor's in

aerospace, 1960), began his astronaut career with the Apollo program: He flew on the historic Apollo-Soyuz mission that brought together astronauts and cosmonauts in space in 1975 – and went on to command three space shuttle flights.

Two CU-Boulder astronaut-alumni died aboard space shuttles. In 1986, Ellison Onizuka (bachelor's and master's in aerospace engineering, 1969), was killed when Challenger exploded 73 seconds after liftoff, an event witnessed by millions around the world. In 2003, Kalpana Chawla (Ph.D. in aerospace engineering, 1988) died when Columbia disintegrated over Texas during Earth re-entry.

CU-Boulder's Air Force ROTC honors the two fallen astronauts annually on campus with a color guard and wreath-laying ceremony.

A celebrated university reunion in space occurred Dec. 2, 1990, when Columbia blasted off with three CU astronaut-alums. Brand, the Columbia space shuttle commander, was joined by mission specialist John "Mike" Lounge (master's in astrogeophysics, 1970) and payload specialist Sam Durrance (Ph.D. in astrogeophysics, 1980) as part of the seven-man crew on the ASTRO-1 mission. Toting four telescopes in the cargo bay, the shuttle mission was the first ever dedicated to astronomy.

Besides its prominent role in the astronaut program, CU-Boulder has flown dozens of science payloads on NASA's 135 space shuttle missions. BioServe Space Technologies, a NASA-funded center in the aerospace engineering sciences department, has launched experiments onboard space shuttles 39 times since 1991, using the low-gravity of Earth orbit as a testing ground for a variety of agricultural, biomedical and educational payloads.

BioServe has worked with industrial and academic partners on experiments ranging from bone loss mitigation and the development of new antibiotics to K-12 educational payloads involving butterflies and spiders that drew the participation of more than a million students around the world. BioServe personnel have trained dozens of astronauts to operate their experimental hardware in space, on the shuttle and the International Space Station.

NASA space shuttles also toted two key instruments developed by teams led by CU-Boulder faculty for the Hubble Space Telescope. The launch of Hubble aboard Atlantis in 1990 included a high-resolution spectrograph designed and built by a team led by CU-Boulder retired Professor John "Jack" Brandt of the Laboratory for Atmospheric and Space Physics. The instrument broke down wavelengths of light emanating from distant celestial objects to determine their compositions, motions and temperatures to help astronomers understand the conditions of the early universe.

Fittingly, the final Hubble repair mission launched in 2009 included a $70 million instrument designed by a CU-Boulder team and constructed with the help of Boulder's Ball Aerospace and Technologies Corp., which also built the high resolution spectrograph launched on Hubble in 1990. Known as the Cosmic Origins Spectrograph, the CU instrument is being used to probe the fossil record of gases in the early universe for clues to the formation and evolution of galaxies, stars and planets, according to principal investigator and CU-Boulder Professor James Green of the Center for Astrophysics and Space Astronomy.

In 1989, the space shuttle Atlantis carried NASA's Galileo spacecraft into orbit, the first leg of a six-year journey to Jupiter and its moons. The science instruments included two CU-Boulder ultraviolet spectrographs designed and built by LASP at a cost of $3.5 million under the direction of retired Professor Charles Hord and which were used for research ranging from analyzing complex organic molecules in the Jovian system to documenting the activity of volcanoes on one of Jupiter's moons, Io.

In 1991, Discovery launched the Upper Atmosphere Research Satellite carrying seven instruments, including an $8 million instrument called the Solar Stellar Irradiance Comparison Experiment, or SOLSTICE, designed and built by LASP. The satellite went on to make accurate measurements of the sun in the ultraviolet and far UV light for a full 11-year solar cycle, allowing scientists to better understand the effects of solar radiation on Earth's atmosphere and climate, said SOLSTICE Mission Manager Tom Sparn.

CU-Boulder's LASP also built and flew two space shuttle payloads – one in 1998 aboard Columbia and a second in 2001 on Endeavour – that enabled scientists and students to explore the gentle collisions of particles of dust in space.

The experiment provided new insights into the fundamental processes thought to have helped form planetary rings and perhaps played a role in the earliest stages of planet formation.

In addition, a small satellite designed and built by a LASP team that was to be deployed from the Challenger space shuttle in 1986 to orbit Earth and observe Halley's comet was lost during the tragic explosion.

CU also flew experiments targeting the mechanics of granular material three times on space shuttles – in 1996, 1997 and 2003. Led by civil, environmental and architectural engineering Professor Stein Sture, now CU-Boulder's vice chancellor for research, and managed by LASP, the tests enabled scientists to observe the behavior and cohesiveness of granular materials in microgravity and have led to a better understanding of how Earth's surface responds during earthquakes and landslides. The 2003 mission successfully returned data from the in-flight experiments, but the seven astronauts and experimental hardware were lost when Columbia disintegrated during re-entry.

CU-Boulder's involvement with the space shuttle program also included three payloads designed, built and flown by students, primarily undergraduates, from the Colorado Space Grant Consortium headquartered in aerospace engineering sciences. The first payload, dubbed ESCAPE, which flew on Discovery in 1993, measured the sun's effects on Earth's atmosphere using a spectrometer to record extreme UV solar radiation and a camera to photograph the sun. The effort included the participation of nearly 100 students, primarily undergraduates, over a two-year span.

ESCAPE-2, flown on Atlantis in 1994, was a follow-on version of the Escape 1 payload that probed how solar radiation affected Earth's thermosphere, a portion of Earth's upper atmosphere. The payload involved about 75 students, mostly undergraduates, said Colorado Space Grant Consortium Director Chris Koehler.

A third CU-Boulder student-built space shuttle payload known as DATA-CHASER, was a two-part experiment launched aboard Discovery in 1997. The payload included hardware to test advanced remote technologies, as well as instruments to measure the sun in far UV wavelengths. DATA-CHASER was designed and built and tested by dozens of CU-Boulder students, primarily undergraduates, over a three-year span.

So what's on deck at CU-Boulder following the end of NASA's space shuttle program, in terms of both manned and unmanned flight vehicles? Hardware and experiments developed by BioServe already are manifested on various international resupply vehicles traveling to the International Space Station as well as on U.S. spacecraft now under development, said BioServe Director Louis Stodieck.

In August 2010, CU-Boulder was one of nine institutions selected by the Federal Aviation Administration to participate in a newly formed Center of Excellence for Commercial Space Transportation. The center focuses on four major research areas: space launch operations and traffic management; launch vehicle systems; commercial human space flight; and space commerce, including law, insurance, policy and regulation. All are aimed at ensuring safe and efficient private human space flight for non-NASA missions, said aerospace engineering Professor Dave Klaus, who directs the new CU-Boulder center.

CU-Boulder also is involved in a research partnership with Sierra Nevada Corp. of Louisville, Colo., which is designing and building a manned spacecraft, the Dream Chaser, intended to replace the space shuttle for transporting people and cargo into low-Earth orbit. Sierra Nevada has received about $200 million in NASA contracts to design and build the vehicle, which will be launched vertically and can land on conventional runways.

As part of its collaboration, Sierra Nevada is funding a CU team led by Klaus to develop methods for evaluating safety and operational aspects of the spacecraft. Klaus' lab has a mock-up cockpit section of the Dream Chaser being used to test the ergonomic layout for instrument displays and controls. The students on the project are being advised by CU-Boulder's Voss – who also is a vice president at Sierra Nevada Corp. – and his colleague Joe Tanner, both of whom joined the CU-Boulder faculty after retiring as NASA astronauts.

CU-Boulder currently is housing a full-scale mock-up of the Dream Chaser based on an earlier design of the spacecraft, as well as a 15-percent scale model, that was successfully flight tested by a team including Sierra Nevada engineers and CU aerospace engineering faculty and students in December 2010. The hope of Sierra Nevada and CU-Boulder is that the Dream Chaser will provide routine crew transportation to and from the International Space Station

as NASA turns its focus to deep space exploration missions.

In December 1990, when the space shuttle Columbia launched, Commander Vance Brand took with him a 10,000-year-old Paleo-Indian spear point that had been discovered on Colorado's eastern plains. One wonders what the thundering liftoff of a NASA space shuttle might have looked like through the eyes of the earliest Americans, and what the next 10,000 years holds for human exploration of space in the solar system and beyond.

For more information visit the "CU in Space" website at http://www.colorado.edu/news/reports/space/[15].

Web conference to explore 'Libraries and Copyright in a Digital Age'[16]

Copyright law affects library users today in unprecedented ways. Standard library activities, such as interlibrary loan and preservation copying, raise concerns for copyright holders, and yet the Copyright Act of 1976 recognized these as legitimate library activities – within certain parameters. The law has become dated as technology has advanced, and libraries now struggle to comply with its provisions while still serving their user communities.

Learn more about how copyright law applies to digitization and reproduction of library materials by joining the Auraria Library in two webinar sessions on July 26 and July 28. For more information, see Auraria Library's FYI at http://library.auraria.edu[17].

Leeds index: Business confidence wanes slightly[18]

Colorado business leaders remained confident, although generally less optimistic about the economy looking ahead to the third quarter, according to the most recent quarterly Leeds Business Confidence Index, or LBCI, released last week by the University of Colorado Boulder's Leeds School of Business.

For the third quarter of 2011, the LBCI posted a reading of 51.6, down from 56.8 in the second quarter. Confidence waned across all indices, although most remained above the neutral mark of 50.

Expectations for the national economy were once again especially bleak, falling back below neutral after two consecutive quarters of optimism, according to Leeds School economist and Business Research Division Executive Director Richard Wobbekind, who conducts the quarterly survey.

"The overall economy has been damaged by uncertainty – the uncertainty of consumers about the strength of the recovery and the strength of the job market and the uncertainty of businesses about demand for their products – and I think that uncertainty has worked its way into our index and other national indexes," Wobbekind said.
An index reading of 50 is neutral. A reading greater than 50 indicates positive expectations, while an index lower than 50 indicates negative expectations, according to Leeds School researcher Brian Lewandowski, who compiles the survey results for the index.

"I think our business leaders want to see some of their concerns such as the international debt issues, higher oil prices and other uncertainties get worked out, and fortunately right now some of these things are getting worked out," Wobbekind said. "They're backpedaling a little bit and they're not quite as confident, but overall they have a decent level of confidence."

Confidence turned negative for the national economy, decreasing nearly 10 points from 53.6 to 44.0, while the state index fell from 55.5 to 51.2.

Capital expenditures had an index reading of 53.4, down from 56.1 last quarter. The sales and profit expectations of

business leaders are positive, but subdued, according to Lewandowski. The sales index was 55.8, and the profit index was 53.1.

To access the complete report visit http://leeds.colorado.edu/publication/237[19]. To view a short video of Wobbekind discussing the index visit http://www.colorado.edu/news[20] and click on the Leeds Business Confidence Index story.

CU Marketplace to boost efficiency of purchasing[21]

CU Marketplace, a new electronic procurement system launching Aug. 1, promises a more modern and efficient online environment for purchasing and payment processing throughout the University of Colorado system.

The improvement in business process has been long planned, with the Procurement Service Center (PSC) laying the groundwork for e-procurement more than four years ago through its work with supplier contracts and vendor relations.

CU Marketplace is hosted by SciQuest, a leading provider of e-procurement solutions for higher education and industry. The site has been designed to present online catalogs from 20 of the university's top vendors – and to enable online ordering from most other suppliers. The Marketplace is a comprehensive environment in which to shop, requisition, order and receive goods and services.

The site will replace the university's PeopleSoft finance system – and, in some cases, the procurement card itself – for departmental purchasing and payables activities. It also will automate many paper-based forms and business processes, including payment vouchers, sole source justifications and after-the-fact procedures. Electronic work flow facilitates review by financial approvers, campus-sponsored project offices and the PSC, as appropriate.

As with all new systems, users will have some new terms to learn, including shopping carts (lists of requested items), hosted and punch-out catalogs (online vendor sites showing CU contracts and discounts), forms (ways to buy non-catalog itemsor to automate other business processes), and shoppers and requesters (two roles within the Marketplace).

The CU Marketplace "infomercial"[22] provides an overview of the new site.

Training is available for all roles, and is required for all but the shopper role. Online courses are found in SkillSoft, accessed through the CU System portal; in-person classes are open for registration on the PSC website, www.cu.edu/psc[23]. Anyone needing training is advised to complete the online courses or sign up and attend classroom training soon.

Questions: Amy Gannon, PSC director of procurement systems, Amy.Gannon@cu.edu[24] or 303-764-3426.

Campuses roll for Bike to Work Day[25]

Raiders of the Lost Polyps, a team comprised of University of Colorado Cancer Center staff and supporters.

All across the Greater Metro Area, hundreds of people put their feet to the pedals to roll with the annual Bike to Work (and school) Day on June 22.

Teams of volunteers helped to plan and greet nearly 400 cyclists at the Anschutz Medical Campus as well as the several hundred who rode to the Denver campus with Auraria.

As an incentive to encourage participation at both locations, riders were invited to stop by for light refreshments when they arrived at their destinations. Additional activities at the Anschutz Medical Campus included a "woolly mammoth" from the Aurora Fox Theatre promoting pedal power over fossil fuels.

Exhibitors included the Fitzsimons Early Learning Center, the Public Service Credit Union, Aurora Bicycle, Hope Shines and other vendors that were set up to greet the riders. The new University Health and Wellness Center teamed with Bicycle Village personnel to offer advice for proper bicycle adjustments.

If you need any inspiration to ride, just think of Tammie Nakamura from the Geriatric Medicine Division. For this year's Bike to Work Day, she accepted a challenge from friends to see who could visit the most breakfast stations. Nakamura started out at 4:30 a.m. visiting 21 breakfast stations before she checked in on the Anschutz Medical Campus at 9 a.m. You go girl!

Other cyclists who participated acknowledged that their ride went more smoothly than they had expected, which prompted them to realize they might want to use their two-wheeled transportation a little more often, especially on days when the weather is mild – as it was that day.

How Anschutz Health and Wellness Center's garden will grow: on roof[27]

The University of Colorado Denver today announced that the new Anschutz Health and Wellness Center[28] at the University of Colorado Anschutz Medical Campus[29] will incorporate healthy living into the facility's design with an innovative "Green Roof." The Green Roof will allow the center to grow its own fresh, healthy produce onsite, and is possible thanks to a generous donation of $650,000 from a fund established by the historic Nu Sigma Nu medical fraternity.

The Green Roof will top the new state-of-the-art health and wellness facility, a Gold LEED Certified Building that will open to the public during the spring of 2012.

The Nu Sigma Nu medical fraternity was founded in 1881 at the University of Michigan. James J. Waring, M.D., the first full-time professor of medicine at the University of Colorado School of Medicine, and later chairman of the department of medicine, as well as founder of the Webb-Waring Lung Institute, established a Nu Sigma Nu chapter in Denver in 1923 during his residency.

The "Nu Sigma Nu Green Roof" will be the focal point of the Anschutz Health and Wellness Center's larger Green Roof Events Center, which will provide a place for students, faculty and staff to congregate, relax, hold special events and form social connections across classes and disciplines.

The Anschutz Health and Wellness Center, part of the University of Colorado School of Medicine[30], is set to become a beacon for health promotion and disease prevention throughout Colorado, the nation and the world by taking a research-based, multidisciplinary approach to stop the growing girth of the nation. Its Green Roof will be among an array of cutting-edge facilities, services and programs at the new Center, including:
Research labs and equipment for scientific studies on nutrition and wellness; A state-of-the-art fitness facility, including classes, running track, aquatics and degreed fitness professionals; Classes and lessons on healthy living, including healthy cooking and nutrition workshops; Weight management and nutrition services, disease prevention programs and wellness education; Integrative medicine (such as massage therapy, acupuncture and more); A bistro that will serve healthy food, available for eat-in, take-out or delivery; and A staff of some of the world's leading experts that span health and wellness fields.
"We are very grateful to the Nu Sigma Nu fraternity for their generous donation to the Anschutz Health and Wellness Center," said James O. Hill, Ph.D.[31], the center's executive director and professor at the CU School of Medicine. "The Green Roof will enhance the facility by creating a beautiful, innovative space where members of the campus and local communities may come together and enjoy healthy living."

The Nu Sigma Nu donation was awarded from the fraternity's donor-advised fund at Community First Foundation[32], and was facilitated by the University of Colorado Foundation[33]. It will provide a number of benefits for medical students and Nu Sigma Nu alumni:
Free use of the Green Roof Events Center for student events and functions; Access to the Anschutz Health and Wellness Center's onsite chef to provide catering for functions at the Events Center; Discounted fitness center memberships and family privileges; A recognition event for Nu Sigma Nu alumni and students at the Anschutz Health and Wellness Center's grand opening; and An archival exhibit, plaque and signage, preserving the legacy of Nu Sigma Nu, a long tenured and vital part of the community of the Health Science Center at the Denver campus.
"Community First Foundation has been honored to manage the Nu Sigma Nu charitable fund and help carry out the wishes of its founders," said Marla J. Williams, president and CEO of Community First Foundation. "The Nu Sigma Nu Green Roof will serve as the perfect gathering place for both alumni and current medical students."

Nu Sigma Nu's student housing by the old Anschutz Medical Campus in Denver served as a gathering place for students of the university's Health Sciences Center for more than 30 years. The donation and subsequent sale of that property established the Donor Advised Fund, the source of the donation for the innovative garden roof. The Green Roof at the new Anschutz Health and Wellness Center fulfills the desire of Nu Sigma Nu alumni to benefit the students at the new Anschutz Medical Campus by promoting a sense of community.

This gift is among more than 200,000 received by the University of Colorado since the 2006 outset of Creating Futures – an unprecedented $1.5 billion fundraising campaign to support teaching, research, outreach and health programs on CU's four campuses. The Health and Wellness Center continues to seek private support; for information on giving, contact Randall Stubbs at 303-724-9661.

Dropping names ...[34]

Neu

Pearson

Németh

Barker

The Association of Women's Health, Obstetric and Neonatal Nurses (AWHONN) presented its Best of JOGNN Writing Award to **Madalynn Neu,** assistant professor in the University of Colorado College of Nursing at the Anschutz Medical Campus, for her article "Maternal Holding of Preterm Infants During the Early Weeks After Birth and Dyad Interaction at Six Months." The award was presented June 28 at the AWHONN national convention in Denver. ... **Chad Pearson,** assistant professor of cell and developmental biology at the University of Colorado School of Medicine, has been named one of 22 Pew Scholars in the Biomedical Sciences by the Pew Charitable Trusts. Pearson will study the assembly of centrioles, which initiate the growth of the cilia that jut from the surfaces of many different cell types. His work could reveal how even subtle defects in centriole assembly precipitate a broad assortment of human diseases. ... **Jeremy Németh,** assistant professor of planning and design and director of the master of urban design program at the University of Colorado Denver, was an invited participant at a Harvard University symposium "Hyper-Public: Designing Privacy and Public Space in a Connected World," hosted by the Berkman Center for Internet and Society on June 9-10. ... **Brian Barker,** assistant professor of English at the University of Colorado Denver, has a newly published book of poems from Southern Illinois University Press. The Black Ocean explores dark moments in history while peering forward to what lies ahead as the world totters in the wake of human complacence. ... **David Hildebrand,** associate professor of philosophy at CU Denver, gave two international talks recently on Dewey, pragmatism and democracy.

The first was at the International conference of Pragma (Italian association of pragmatist scholars) in Rome, hosted by the Universita Di Roma and the Centro Studi Americani. The second presentation was at the Sorbonne in Paris during the conference "Pragmatism, Ethics and the Moral Life," co-hosted by the Sorbonne and by the Ecole Normale Superieur. ... **Patrick M. Kreuger,** assistant professor of sociology at the University of Colorado Denver, co-authored a study "Education doesn't increase odds that minorities play 'high-status' sports" with fellow sociologist Jarron M. Saint Onge at the University of Houston. The work deals with racial-ethnic and educational links to exercise. ... **A. Diann Logan,** instructor in the communication department at the University of Colorado Denver, also is an award-winning quilter. She has a piece included at "Quilts at the Capital," which opened June 10, and hangs for most of the summer. Her work is titled "Cicada," which, she notes, "of course, is about how exterior appearances, like the dull brown shell of the bug, don't always tell the whole story." ... **Michelle Médal,** program assistant in the communication department at the University of Colorado Denver, received the 2011 Zontian of the Year Award from the Zonta Foothills Club of Boulder County. The award recognizes her longstanding service to improve the lives of international women. Médal also has received the 2011 Friend of the Optimist Club Award from the Boulder Evening Optimist Club in recognition of her volunteer service to the organization, which seeks to provide hope and a positive vision for children.

SkillSoft offers resources for health, wellness[39]

Whether you have five minutes or five hours, there are online courses, videos, reference materials and books available to you. CU is committed to providing continuous learning and professional development opportunities for faculty and staff 24 hours a day.
Watch a five- to 20-minute video such as "Managing Workplace Stress" or "Creating Work/Life Balance" Browse through SkillSoft Books24x7 Well-Being Essentials, a collection of more than 1,200 titles on career development, fitness and stress management View the Health and Wellness Resource Brochure
Make it your GOAL: Go Online and Learn. Access these resources at SkillSoft via your myCU Portal, MY.TRAINING page. Need help or more information? Contact system.training@cu.edu[40]

Bruno to leave CU-Boulder[41]

Frank Bruno

Frank Bruno, University of Colorado Boulder vice chancellor for administration, will leave the university Aug. 1 to become vice president of administration with Western Disposal Inc. of Boulder.

Bruno's portfolio as vice chancellor of administration covers the physical infrastructure of the campus, human resources, public safety and energy and sustainability. He joined CU-Boulder as vice chancellor for administration in June 2008.

"We wish Frank well in his future endeavors," said CU-Boulder Senior Vice Chancellor Ric Porreca. "He has been a

key member of our leadership team, a collegial leader who has strengthened our partnership with local government and other CU stakeholders, and he has overseen a large number of programs and personnel with energy and diplomacy."

Bruno is credited with coordinating the campus's Ten Year Capital Facilities Master Plan in partnership with community stakeholders, with overseeing campus capital construction that included $500 million in projects, and with expanding CU's police presence and building key partnerships for sustainability on campus.

"This is a marvelous opportunity for me and my family," Bruno said. "I want to thank the university community for the last three years. It has been an honor to serve our faculty, staff and students, and to work with great partners in the city, county and state to help one of the great universities in the nation during a time of transformation."

The university has not announced a successor to Bruno.

Five questions for Marion Sills[43]

[44]
Marion Sills, M.D., is an associate professor of pediatrics at the University of Colorado School of Medicine, and an attending physician in the emergency department at Children's Hospital Colorado. She received her medical degree from the Johns Hopkins University School of Medicine in 1993 and completed her residency in pediatrics there in 1996. She is board-certified in pediatrics emergency medicine and in pediatrics, and is a member of the Academic Pediatric Association and the American Academy of Pediatrics.

While completing her undergraduate and graduate medical degrees on the East Coast, she visited the mountain West during vacation and several elective rotations. She later moved to Colorado so she could enjoy the mountains year-round.

At the university, she mentors residents and fellows. Her research focuses on emergency department crowding, quality measures and health information technology.

— Cynthia Pasquale

1. When and how did you decide to become a doctor? Why did you choose pediatrics?
After college, I followed my interest in policy by working for a nonprofit environmental group in Washington, D.C. Although this was a great experience, it coincided with what I did not then know would be the last of three consecutive terms of Republican presidencies. Given that political milieu, I felt that if I couldn't make headway as a budding environmentalist, I thought I would at least try to make a difference for individual patients, so I applied to medical school.

I chose pediatrics because it was the most fun, especially in the otherwise rather formal environs at Hopkins. Early in my medical school pediatrics rotation, a young patient delightedly grabbed one of the rounding physicians by his requisite necktie and announced he had a new pet on a leash. I found it refreshing that children seemed to cut through any pretense on the part of their providers, and reminded us to be humble.

2. Describe a shift as an attending physician in the emergency department at Children's Colorado.
One of the mixed blessings of emergency medicine practice is there is no such thing as a typical shift, but rather a continually changing milieu of acutely ill and injured children. The clinical workload varies, but is usually intense, as emergency department volume is not limited by scheduled appointments, bed spaces or nursing capacity, as are many outpatient and inpatient settings. Emergency providers are federally mandated to stabilize all patients, whenever they arrive, for whatever reason they present, including adult patients. The clinical hours also are quite varied, with the majority of our shifts including the busiest nighttime and weekend hours.

I enjoy the challenge of the diagnostic dilemmas, as well as the variety of clinical presentations, ranging from major trauma resuscitations requiring life-saving procedures to basic safety-net services, such as providing reassurance to the young mother of an infant with a diaper rash. For the emergently ill, one of the challenges is providing care without the luxury of a prior patient-provider relationship and its accompanying trust. For some patients, the primary challenge is managing expectations. Many arrive with expectations difficult for any emergency department to meet, whether they be clinical (that we have a secret stash of cure-for-the-common-cold not yet available over-the-counter), or more global (that we can help their child stop acting out in school). A family once brought in a child asking for a CT scan to find out what she was seeing when awakened by nightmares.

Every emergency department shift includes stories that reveal broader, societal ailments. Some stories are access-related, such as the patients who come to the emergency department because they have nowhere else to go for a medication refill or cannot take time away from work during typical clinic hours. Some tell us about challenges faced by our primary care system, such as patients sent to the emergency department by primary care providers who lack the time or other resources to coordinate complex outpatient care. Other daily stories – involving obesity, tobacco exposure, illicit drug use, vaccine-preventable-illness and injuries – remind us that public health battles are far from over.

3. One of your research interests has been emergency department crowding. What has the research found and what do you hope to accomplish?
Some of my research has looked at hospital crowding (both emergency department and inpatient) and its impact on children's health care quality and health care resources. One set of studies, set at Children's Hospital Colorado, modeled the relationship between emergency department crowding and the quality of care delivered for acute asthma and fractures in children. Consistent with studies in adults, we found a similar inverse association between crowding and quality for children seen in the emergency department.

Another set of studies looked at the impact of crowding during the 2009 H1N1 influenza pandemic on a few dozen children's hospitals across the country – both in terms of emergency departments and inpatient resources. A third set of studies in the same group of children's hospitals has highlighted the lack of hospital response to high occupancy despite opportunities to alleviate a lot of crowding through smoothing (redistributing) elective admissions more evenly across a seven-day week.

Currently, I'm helping to lead a comparative effectiveness research (CER) project within a federated research network of safety net providers across three states. Performing CER in minority, underserved and rural populations is especially valuable because historically they have limited representation in clinical research and well-documented health care disparities. And there are differences between documented clinical trial efficacy and real world effectiveness in these populations. These are also the patients most likely to visit emergency departments for ambulatory care sensitive conditions – conditions that potentially are preventable – and emergency department use is one of the many outcomes we are studying.

[45]
4. What is your favorite part of the job and why?
There are many favorites, but here are two: The simplest favorite is the satisfaction of fixing something – whether it's a simple laceration or life-threatening shock. A more complex favorite is the window the job gives me on the inspiring love within families.

5. How do you deal with being in a high-stress environment like the emergency department?
My friends, family and religious community help me keep things in perspective. A colleague once gave me a list of time-management techniques and I try, with varying diligence, to stick to it. I also use sports – mostly biking, running and swimming – as an outlet.

Want to suggest a faculty or staff member for Five Questions? Please e-mail Jay.Dedrick@cu.edu[46]

German company to develop CU nanotechnology platform[47]

Robert McLeod

A novel University of Colorado Boulder technique to shrink the size of circuitry used in nanotechnology devices like computer chips and solar cells by zapping a substrate with two separate colors of light beams has been optioned to Heidelberg Instruments headquartered in Heidelberg, Germany.

The CU technology was developed by Associate Professor Robert McLeod of the electrical, computer and energy engineering department, Visiting Assistant Professor Tim Scott of the chemical and biological engineering department, and Professor Christopher Bowman of the chemical and biological engineering department. The three researchers, along with graduate students Benjamin Kowalski and Amy Sullivan (Sullivan is now a faculty member at Agnes Scott College in Decatur, Ga.) first published the details of the new technology in a 2009 issue of Science magazine.

Licensed to Heidelberg Instruments by the University of Colorado Technology Transfer Office, the patent pending method involves using a tightly focused beam of blue light to etch lines and dots thousands of times smaller than the width of a human hair into lithography patterns on a substrate such as silicon, said McLeod. A second beam of light, this one ultraviolet, is then used to "erase" the edges of the pattern, resulting in much smaller structures, he said.

"The University of Colorado is one of the leading R&D centers making major inroads in nanoscale technology development," said Alexander Forozan, head of global business development at Heidelberg Instruments. "We are thrilled to work with CU's outstanding staff and look forward to a continuing and long-lasting relationship."

Ted Weverka, a licensing manager at the CU Technology Transfer Office, said, "We are excited to have Heidelberg as a partner for this technology. Heidelberg's technical know-how and market savvy ensure a strong future for this invention."

To develop the technique, McLeod and his colleagues used a tabletop laser to project tightly focused beams of visible blue light onto liquid molecules known as monomers. A chemical reaction initiated a bonding of the monomers into a plastic-like polymer solid. Focusing the blue beam in one place inscribed a small, solid dot. If the beam moved the focus across the material, it created a thin thread, or line.

The CU researchers then added a second ultraviolet laser focused into a halo, or donut, which surrounded the blue light. The special monomer formulation was designed to be inhibited by the UV light, shutting down its transformation from a liquid to a solid, he said. This "halo of inhibition" prevented the edges of the spot or line from developing, resulting in a much finer final structure.

McLeod said the new technology has the potential to lead to the construction of a variety of nanotechnology devices, including electronic circuits and nanomechanical devices. "This is a new set of new tools that provide a new way to do nanotechnology," McLeod said.

The method offers the potential to shrink transistor circuitry, a process that drives the global electronic market that is continually pursuing smaller, more powerful microchips, said McLeod, whose research on the project was funded by the National Science Foundation and through the University of Colorado Innovative Seed Program. In 2010, McLeod received an NSF CAREER award for his achievements, one of the most prestigious honors directed toward young faculty.

Grant will expand partnerships at CU Aging Center[49]

The CU Aging Center has provided mental health care to Pikes Peak region seniors for 12 years, through low-fee, sliding-scale services that are invaluable to aging populations often challenged by mobility and finances.

Now, thanks to a $731,872 grant renewal from the Colorado Health Foundation, the CU Aging Center will expand and strengthen successful partnerships with Peak Vista and other Pikes Peak region senior providers. During the three-year term that began July 1, the foundation's annual support of the community center – administered by the University of Colorado Colorado Springs – will increase by more than 55 percent.

CU Aging Center services include client and caregiver counseling, psychological and cognitive screenings, and neuropsychological assessments that augment an integrated approach to senior health. In 2005, the center partnered with Peak Vista Community Health Centers to launch the first local integrated care program focused exclusively on seniors.

"Renewal of this Colorado Health Foundation grant is a strong endorsement of our pioneering work in integrated services for seniors, and will help enrich our community partnerships and expand services," said Michael Kenny, director of the CU Aging Center.

CU Aging Center integrated care programs supported by the grant will place more UCCS graduate student clinicians in settings that serve highly vulnerable or low-income seniors, including:

Peak Vista Community Health Centers, where Aging Center clinicians conduct depression, anxiety and cognitive-impairment screenings as part of regular senior medical visits, and provide consultations, co-visits with providers, counseling, and referrals for follow-up.
Rocky Mountain Program of All-Inclusive Care for the Elderly (PACE), which helps seniors achieve their highest levels of independence through a multidisciplinary team approach to health care. CU Aging Center clinicians contribute intake assessments, screening, and individual and group counseling services to the PACE team. **Sunny Vista Living Center**, where long-term care residents gain access to individual and group mental health services at no cost, supporting their adjustment to life changes and improving their quality of life. **Silver Key Senior Services**, to supplement Silver Key's nutrition, transport, and social services with in-home mental care for the community's most frail, homebound elderly.
In addition, the Colorado Health Foundation grant will enhance integrated care for overburdened caregivers by increasing communication between Aging Center clinicians and the caregiver's other health providers, and by supporting the development of coordinated care plans. The grant also will help the Aging Center develop and implement new training modules to optimize senior-care delivery and coordination for Peak Vista and PACE site staff.

"The Aging Center has demonstrated an enduring commitment to improving the health of low-income seniors in El Paso County," said Tanya Weinberg, CU Foundation program officer. "During the time that the foundation has funded these programs, the Aging Center has steadily increased the number of seniors served as well as the number of agencies with whom they partner. By embedding behavioral health services within community-based agencies, these programs strongly align with the foundation's funding strategy to improve health-care delivery by promoting coordinated systems of care across the health-care system."

The CU Aging Center is an extension of UCCS's proficiency in senior mental health care education. It is the main clinical training ground for UCCS's Ph.D. program in clinical psychology, which has a strong curricular emphasis on geropsychology. The UCCS program is accredited by the American Psychological Association, which recently recognized the geropsychology specialty based on growing recognition that senior mental health care requires distinct approaches not fully addressed in conventional training.

Meanwhile, the need for mental health care for seniors and caregivers grows at an unprecedented rate. Colorado is at the leading edge of this nationwide demographic trend, with a senior population expected to triple between 2000 and 2030. The CU Aging Center, which last year provided 9,000 hours of services for 2,700 seniors and caregivers, addresses this need.

"Peak Vista serves as health-care home for many seniors, and this collaboration has been a beneficial effort on behalf of the senior community," said Pam McManus, president and CEO of Peak Vista Community Health Centers. "With the addition of this funding, it will continue to be so."

COLTT set for return ride into Boulder[50]

The University of Colorado Boulder invites the community to attend its 14th annual COLTT (Colorado Learning and Teaching With Technology) conference, Aug. 3-4 on the CU-Boulder campus.

COLTT 2011 engages participants in learning about teaching practices and technologies, challenging the way they think about both. Hundreds of faculty, staff, and students from a variety of educational institutions along the Front Range gather for this annual event conducted within sight of Boulder's beautiful Flatirons. They attend presentations and hands-on workshops, network, and gather effective practices that change the way they teach and learn in classrooms, online and in virtual environments.

COLTT scholarship partners defray registration costs for a limited number of faculty and graduate students. Those partners include CU-Boulder's Graduate School, Law School, LEEDS School of Business and the ASSETT program in Arts and Sciences, along with the Colorado Community College System (CCCS). Those interested in receiving a scholarship may submit a request through the online registration[51].

Early registration for this popular conference is available at a discount until July 17. The conference program includes rich and provocative offerings:
The keynote speaker Aug. 3 will be Gardner Campbell, director of professional development and innovative initiatives at Virginia Tech, where he also is an associate professor of English. The featured speaker Aug. 4 will be writer and award-winning photojournalist Michael Kodas, author of the best-selling book "High Crimes: The Fate of Everest in an Age of Greed." Presentations such as Gaming Education: Things I Have Learned in My Online Course So Far; Leveraging Game Psychology for Better Learning; Friends and Twits: Social Media and Education; Introduction to Digital Graphics; Adobe Photoshop Lightroom 3 and Photoshop CS 5; Photography Workflow; and Quick and Easy Videos: Producing and Uploading Video Content offer opportunities for engaged and hands-on learning. The ever-popular Café Pédagogique, led by J.J. Cohen, M.D., Ph.D., is an opportunity to network with colleagues at Laudisio restaurant in Boulder on the first evening of the conference. This optional event has limited seating available and pre-registration is required.
You can access more information about COLTT 2011 online at: www.cu.edu/coltt[52]

Questions about COLTT 2011: Jill Lester, COLTT Conference Coordinator (coltt@cu.edu[53]) or Conference Director Deborah Keyek-Franssen (debkf@colorado.edu[54]).

Researchers develop software to advance brain image research[55]

A University of Colorado Boulder research team has developed a new software program enabling neuroscientists to produce single brain images pulled from hundreds of individual studies, trimming weeks and even months from what can be a tedious, time-consuming research process.

The development of noninvasive neuroimaging techniques such as functional magnetic resonance imaging, or fMRI, spurred a huge amount of scientific research and led to substantial advances in the understanding of the human brain and cognitive function. However, instead of having too little data, researchers are besieged with too much, according to Tal Yarkoni, a postdoctoral fellow in CU-Boulder's psychology and neuroscience department.

The new software developed by Yarkoni and his colleagues can be programmed to comb scientific literature for published articles relevant to a particular topic, and then to extract all of the brain scan images from those articles. Using a statistical process called "meta-analysis," researchers are then able to produce a consensus "brain activation image" reflecting hundreds of studies at a time.

"Because the new approach is entirely automated, it can analyze hundreds of different experimental tasks or mental states nearly instantaneously instead of requiring researchers to spend weeks or months conducting just one analysis," said Yarkoni.

Yarkoni is the lead author on a paper introducing the new approach to analyzing brain imaging data that appears in the June 26 edition of the journal Nature Methods. Russell Poldrack of the University of Texas at Austin, Thomas Nichols of the University of Warwick in England, David Van Essen of Washington University in St. Louis and Tor Wager of CU-Boulder contributed to the paper.

Brain scanning techniques such as fMRI have revolutionized scientists' understanding of the human mind by allowing researchers to peer deep into people's brains as they engage in mental activities as diverse as reciting numbers, making financial decisions or simply daydreaming. But interpreting the results of brain imaging studies is often more difficult, according to Yarkoni.

"There's often the perception that what we're doing when we scan someone's brain is literally seeing their thoughts and feelings in action, but it's actually much more complicated," Yarkoni said. "The colorful images we see are really just estimates, because each study gives us a somewhat different picture. It's only by combining the results of many different studies that we get a really clear picture of what's going on."

The ability to look at many different mental states simultaneously allows researchers to ask interesting new questions. For instance, researchers can pick out a specific brain region they're interested in and determine which mental states are most likely to produce activation in that region, he said. Or they can calculate how likely a person is to be performing a particular task given their pattern of brain activity.

In their study, the research team was able to distinguish people who were experiencing physical pain during brain scanning from people who were performing a difficult memory task or viewing emotional pictures with nearly 80 percent accuracy. The team expects performance levels to improve as their software develops, and believes their tools will improve researchers' ability to decode mental states from brain activity.

"We don't expect to be able to tell what people are thinking or feeling at a very detailed level," Yarkoni said. "But we think we'll be able to distinguish relatively broad mental states from one another. And we're hopeful that might even eventually extend to mental health disorders, so that these tools will be useful for clinical diagnosis."

Law professor testifies before U.S. Senate[56]

Hart

University of Colorado Professor **Melissa Hart** testified before the U.S. Senate's Committee on the Judiciary as an expert on how a recent decision by the U.S. Supreme Court in Wal-Mart v. Dukes and AT&T v. Concepcion restrict access to the judicial system and diminish corporate accountability.

Hart, who filed an amicus brief in Wal-Mart v. Dukes on behalf of 31 Civil Procedure and Class Action Law Professors supporting the suit, testified June 29 because of her work as a scholar and teacher of civil procedure, Supreme Court decision-making and employment discrimination.

Hart said the majority opinions in both Dukes and Concepcion reflect hostility to class-action resolution of disputes and ignore the important fairness and efficiency gains that collective resolution offers. By limiting the ability of consumers and employees to join their small individual claims in a larger action, these decisions will make it harder to hold companies accountable for misconduct.

"These narrow majority decisions make it harder to enforce civil rights and consumer protection laws," Hart said.

"It is clear that in the future, every employment discrimination class action will be evaluated in light of the current court's hostility to class litigation.

"The decision will thus have a significant chilling effect on the collective adjudication that has been an essential aspect of full enforcement of the law."

Wal-Mart v. Dukes, begun in 2000, was the largest civil rights class action lawsuit in U.S. history.

Retirees' suit against PERA dismissed[58]

A Denver District Court has dismissed a lawsuit against the Colorado Public Employees' Retirement Association (PERA) by a group of retirees who claimed passage of Senate Bill 10-001 had violated their constitutional rights to receive an annual increase or Cost of Living Adjustment (COLA).

The bill, signed into law Feb. 23, 2010 by Gov. Bill Ritter, was intended to help the beleaguered fund remain solvent. At the time, PERA officials said large payouts and stock market volatility had led to a nearly $30 billion decline in assets.

The law modified employer/employee contributions, placed a cap on cost of living increases, created new contributions for working retirees, and increased the age and service requirements of certain groups of employees for payment eligibility.

Specifically, the law changed the annual increase of 3.25 percent or 3.5 percent to an annual amount calculated using a different formula and capped the increase at 2 percent. The plaintiffs argued that a specific increase in the cost of living was their vested right.

In the June 29 ruling, Denver District Court Judge Robert S. Hyatt said, "... based on numerous and steady changes in the PERA COLA formula for retirees, Plaintiffs could not have had a reasonable expectation that the COLA formula that happened to be in place at the date of their retirement would be unchangeable for the rest of their lives."

In addition, Hyatt said, "The Court finds, based upon statutory provisions of the last 40 years, as well as legislative history and DPS (Denver Public Schools) plan language, that the General Assembly's most recent change to retiree COLA does not alter the fundamental mechanism for payment of pension benefits for PERA retirees. That has always been and remains to this day, a base benefit set at retirement. There has also been a separately calculated cost of living adjustment based on a formula that has always been fluid and repeatedly changed. For 40 years, the COLA formula has been subject to significant change without ever unconstitutionally altering the base pension payment to retirees."

Meredith Williams, PERA executive director, said, "We are pleased with the court's ruling. Senate Bill 1 was painful but necessary to make sure that PERA would be able to pay benefits in perpetuity. It put PERA on track to be funded within 30 years, the same amount of time as it takes to pay off the typical home mortgage."

Before the bill was passed, projections by PERA showed that on its current path, the state division of the retirement plan, which includes the University of Colorado, could run out of money in as little as 16 years.

Colorado Attorney General John Suthers also applauded the court's decision. "More than 441,000 public employees are counting on the pension's financial integrity. This ruling represents a step toward long-term solvency for the PERA retirement fund."

The retirement plan comprises five separately funded divisions: state, judicial, schools (excluding higher education institutions), local government and Denver Public Schools.

PERA investment returns for 2010 exceeded actuarial assumptions, according to fund officials. The plan earned a 14 percent return on investments and ended 2010 with $38.7 billion in defined benefit assets.

The plaintiffs – represented by Gary R. Justus, Kathleen Hopkins, Eugene Halaas and Robert Laird – and their attorneys are evaluating the decision, according to their website[59], Save PERA COLA. The group has 45 days to file an appeal.

Kantor to join CU Denver in January[60]

Kantor

Rebecca Kantor, director of the School of Teaching and Learning at Ohio State University, will join the University of Colorado Denver in January as dean for the School of Education and Human Development.

Kantor's career has focused in the areas of early childhood, elementary and middle childhood education. She received a bachelor's degree in developmental psychology and linguistics from the University of Rochester, and a master's in early childhood education and a doctorate in education in developmental applied psycholinguistics, both from Boston University. She taught deaf children in Massachusetts at the beginning of her career.

She began her tenure at Ohio State in 1983 as an assistant professor in the department of family relations and human development in the College of Human Ecology. In 1989, she was promoted to associate professor with tenure. In 1997, Kantor moved to the School of Teaching and Learning in the College of Education and Human Ecology. In 1999, she was promoted to full professor.

Kantor's interests and research over the past 20 years have included early childhood development and education, teacher education and curriculum, especially the work of the Reggio Emilia educators in Italy. She continues to be highly involved with the early childhood policy community, improving professional development systems for all early childhood professionals.

Links
[1] https://connections.cu.edu/stories/cu-boulder-mourns-loss-david-getches[2] https://connections.cu.edu/news/cu-boulder-mourns-loss-of-david-getches/getches[3] http://www.cufund.org/GetchesScholarship[4] https://connections.cu.edu/stories/step-cancer-needs-volunteers[5] http://www.stepupforcancer.org/volunteer[6] https://connections.cu.edu/stories/pioneering-use-technology-distance-education-earns-kudos[7] http://marketing.computerworld.com/Honors_%202011_%20PRE-Event_%20Press_%20Release_final.pdf[8] http://www.strangemedia.com/Cisco/Smart+Connected/Colorado/[9] https://connections.cu.edu/people/longevity-honor-

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