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#### Letter from the Editor

With a forthcoming feature, Hidden Gems, we want to share hints and tips about special places and people on the CU campuses. Maybe you've come across an inspirational spot for an outdoor lunch break, or an intriguing exhibit you wouldn't have known about if you hadn't stumbled upon it. Maybe it's advice on the best time of day to find a parking spot, or the name of an unsung barista who makes getting a cup of coffee truly entertaining. It can be anything or anyone that you think makes your campus special.

If you have suggestions to share, please send them to: [Jay.Dedrick@cu.edu](mailto:Jay.Dedrick@cu.edu).

**CONVERSATION STARTERS:** We always welcome your letters to the editor on topics of interest to current and retired CU faculty and staff. Please send submissions to [newsletter@cu.edu](mailto:newsletter@cu.edu). And if you have a news item or story idea you'd like to share, please send it to [Jay.Dedrick@cu.edu](mailto:Jay.Dedrick@cu.edu).

# CU-Boulder to study restructuring of journalism program

## *Plan reflects shifting landscape of traditional news, demand for digital communicators*

An exploratory committee will study how the University of Colorado at Boulder can improve the way it educates communicators amid industry shifts that have closed major newspapers, spurred the advent of online citizen journalism and fundamentally changed the way media outlets cover the news.

At the same time, the university's Academic Review and Planning Advisory Committee, or ARPAC, will initiate a process of program discontinuance of the School of Journalism and Mass Communication, or SJMC.

Campus administrators today announced a plan to establish the exploratory committee and initiate the program discontinuance process after meeting with SJMC Dean Paul Voakes and faculty members. The plan is based on strategic efforts to streamline budgets, improve efficiency and create interdisciplinary academic programs that meet the needs of students raised in the multimedia digital era, Chancellor Phil DiStefano said.

"We want to strategically realign resources and strengths currently existing on the CU-Boulder campus to ensure that course and degree offerings meet the needs of students, the labor market, our campus mission and the communications needs of a rapidly changing global society," DiStefano said. "News and communications transmission as well as the role of the press and journalism in a democratic society are changing at a tremendous pace. We must change with it."

The exploratory committee is expected to forward its recommendations to the provost by the end of the fall semester. Regardless of what recommendations emerge from the committees, the chancellor said all undergraduate and graduate students who have been admitted to the journalism school will be able to complete their degrees.

Interim Provost Russell Moore said it was necessary to put the SJMC through a formal evaluation process before creating a new program or deciding how the school might change.

"Changes to any academic program with tenured faculty must follow the Regent Policy on Program Discontinuance," Moore said.

Before today's announcement, DiStefano met with Voakes, and Moore met with faculty to explain the campus's vision for a new program that combines information and communication technology. The idea, which has been discussed at CU-Boulder for years, already has been adopted at peer institutions and other universities.

More than 30 schools and colleges across the nation have responded to the changing media and digital communications landscape, including programs at the University of California-Berkeley, Washington, Rutgers, Cornell, Carnegie Mellon, Michigan and Wisconsin, Moore said.

DiStefano said top journalism schools are acknowledging the critical roles that the press and journalism have played in our democracy while still approaching information and communication technology broadly.

"This visionary work is consistent with who we are as Colorado's flagship university," he said. "This action lives up to the promise of our Flagship 2030 Strategic Plan to give students the tools for success in their careers."

Last year, the College of Information Task Force was charged with examining a new educational model and presented its report to then-Interim Provost Stein Sture on April 15, 2010. The group made several recommendations, but did not address the future of the SJMC.

The program discontinuance process is expected to begin Wednesday, Sept. 1; a report from ARPAC will be due to the provost within 60 days. The provost will review the report and make recommendations to the chancellor 30 days later. The exploratory committee's recommendation and the ARPAC report will be considered by the chancellor for a decision and recommendation to the Board of Regents sometime in early 2011.

Meanwhile, ARPAC will host a series of open forums for faculty, staff and students who have questions on the program-discontinuance process.

Open forums for faculty are set for noon-1:30 p.m. Tuesday, Sept. 7, and Wednesday, Sept. 8, in Room 235 at the University Memorial Center.

Open forums for SJMC students will be 3-5 p.m. Tuesday, Sept. 14, and noon-2 p.m. Wednesday, Sept. 15, in UMC 235.

A meeting for staff is set to take place in the Armory, but details are not yet set.

## **UIS works to smooth out kinks in new student information system**

### *Students, faculty members encounter system slowdowns on first day of classes*

Students and faculty members who logged onto the university's new student information system between 9 a.m. and 1 p.m. Monday, Aug. 23, encountered slowdowns and a few glitches with class waitlists, drop/add functions and other features, according to campus officials.

Faster performance was restored soon after, and drop/add functions were temporarily halted to restore the appropriate waitlist priority.

University Information Systems, or UIS, which is overseeing the implementation of the system, has been working round-the-clock to tweak the system and install additional servers to handle increased loads, said Lee Ann Baronett, communications director for the Integrated Student Information System, or ISIS.

"We're running jobs more frequently to process information, and we have installed additional servers that have improved log-in times and other processes," she said. "We knew we'd encounter problems, and we're working hard to address them. We know the university community is looking to us to provide as seamless a transition as possible to the new system."

On Monday, Aug. 23, fall classes started on all four CU campuses, where some students and faculty reported delays of up to five minutes to log onto the new student information system, Baronett said.

"We cleared up that issue by early afternoon, and log-in times were reduced to less than 30 seconds," she said.

On the CU-Boulder campus on Tuesday, Aug. 24, the system's drop/add function was taken offline for several hours as UIS worked to restore ensured fairness in the waitlist priority. The feature was back up and running by 11 a.m. today, Baronett said.

ISIS integrates essential student services on a single electronic platform. The university has been rolling out the new \$44 million system over the past year, testing each phase and working out problems as they arise. The new system replaces a 20-year-old mainframe system that had become outdated and was no longer supported by the original vendor.

Project managers have warned for months that the system might experience slowdowns and challenges as each phase of the system was implemented. Faculty on all four campuses are encouraged to become familiar with the new system as soon as possible by visiting the ISIS [Faculty Center](#), which provides a single point of entry to view teaching schedules and class rosters, search for classes, browse course catalogs and other faculty members.

## **Streamlined property purchases among early benefits of changes to fiscal rules**

*Though flexibility became law in June, more significant changes likely won't appear for months*

Legislation signed by the governor in June gave the University of Colorado and other higher education institutions greater control of financial operations, but significant changes to fiscal rules are still months away.

"We have taken the position that we will continue to follow most fiscal rules and procedures for the near future. This will give state officials and the Board of Regents assurances that we are not doing anything 'risky,'" said Geoff Barsch, assistant vice president for budget and finance. "We have a working group that is reviewing all of the rules related to accounting, purchasing, travel, capital construction and other areas to look for efficiencies that can be gained."

Senate Bill 10-003 gave public colleges and universities greater flexibility in setting tuition rates and in financial affairs, including purchasing and awarding contracts and buying or selling real estate. While the law's main purpose is to provide an infusion of cash at a time when state funding is decreasing, it also allows the university to make fiscal decisions without seeking state approval.

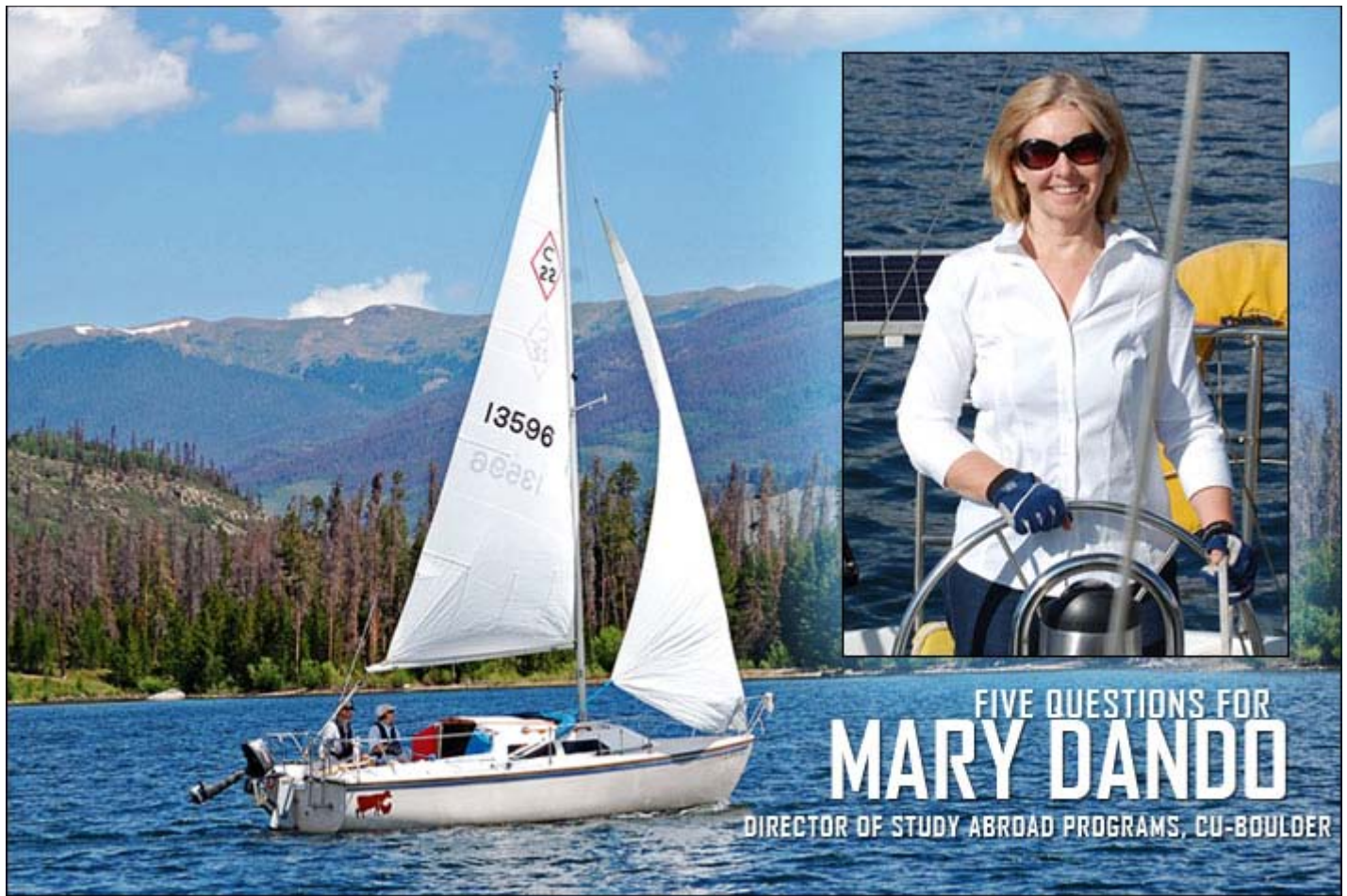
CU President Bruce D. Benson has said the law allows the university to operate more efficiently and effectively by reducing paperwork and getting rid of redundancies and delays.

The first step in the process of opting out of state fiscal rules was for the Board of Regents to approve the exemption. It did so in June, and now the university is operating under its own rules for the current fiscal year.

Employees won't notice major changes for a few months, Barsch said, but some of the immediate results of the law are a new procurement card and streamlined property purchases.

"Efficiency is gained immediately through having authority for approval within our system as opposed to waiting on approval from the State Controller or other state agencies," said Barsch, who cites the example of the university's purchase of the Sybase property on the East Campus in Boulder. "This was a unique opportunity that enabled us to save millions compared to the cost of constructing new research space. We were able to take this purchase to the regents and, with their approval, quickly move through the process."

The second stage of the process, said Robert Kuehler, assistant vice president and the university controller, is determining ways to make university policies more efficient and making the everyday operation of the university easier. That likely will be accomplished in the next few months.



Mary Dando's first foray into international travel came at a young age. Since then, it's been her passion and her avocation.

She first began working in the field of international education in the late 1970s at the University of Kansas. After taking some time out to run a restaurant/bakery for 12 years, she moved to Colorado and joined the study abroad team in the Office of International Education (OIE) at the University of Colorado at Boulder in 1997. She has served as director of Study Abroad Programs at CU-Boulder since 2007.

Study Abroad Programs is one branch of the OIE; the other sections are the International Student and Scholar Services and Global Education Initiatives (GEI). Dando says OIE sometimes describes itself as being in the import and export business – sending students to study around the world and receiving students from around the world on the Boulder campus. CU-Boulder has offered Study Abroad Programs and welcomed international exchange students since the early 1960s. OIE sends more than 1,000 students abroad a year, offering more than 300 different programs to more than 60 countries.

Dando says CU has been an acknowledged leader in the field of international education for the past 40 years. "Thanks to strong faculty and administrative support and an amazing staff, 25 percent of undergraduates who start and go on to graduate from CU have studied abroad."

— Cynthia Pasquale

### **1. Are there "favorite" or most popular countries that CU students visit?**

About half of all students study in Europe, with Spain, Italy, England and France being the most popular destinations. CU-Boulder continues to send large numbers of students on the Semester at Sea voyages.

Other popular destinations include Australia, New Zealand and Germany. Reflecting a nationwide trend, we are also sending more students to Asia, particularly to China and Japan, and to the Middle East. Rounding out the top 10 destinations are South Africa, Costa Rica, the Czech Republic, Denmark and Argentina.

The most exciting trend in recent years has been the increase in the number of faculty-led programs going abroad.

Several years ago, we had six such faculty-led courses taught abroad; in 2011, we will have at least 25 faculty members taking groups of students abroad.

## **2. Why is it important for students to study abroad and become "global citizens"?**

Being able to study abroad while still graduating within four years is an amazing opportunity for students. Students can take courses from faculty around the world to enhance their global perspective and explore a personal interest in another culture. From a professional perspective, students find that studying abroad is a resume enhancer, demonstrating to future employers and graduate schools that the students are willing to take risks, solve problems, adapt to new situations and learn new skills like cultural awareness and leadership.

Our lives are already intricately interwoven with those of others across the world, including the food we eat, the goods on which we rely, and a large percentage of jobs in the U.S. This interdependence will only strengthen in the years to come, giving graduates who have intercultural competence and international experience an important advantage. Over time, this will no longer be an advantage but a requirement for the best jobs both here and abroad.

Furthermore, we are a nation of immigrants – every nation of the world is represented somewhere in this country. Frankly, it is hard to go to another country and learn to adjust and fit in. Experiencing this challenge gives students a tool kit for life as well as greater empathy for others who face similar challenges.

Students I advised in the 1970s are now directors of study abroad at various universities in the U.S. More recently, I worked with a student who wanted to go abroad for the first time but was financially limited. She was able to study abroad for a full year in Norwich, England, because of a CU-Boulder exchange program that makes study abroad more affordable. I believe the year abroad was transformative for her. She went on to join the Peace Corps in Zambia and has now founded a nongovernmental organization to support sustainable agriculture in Zambia.

## **3. How did you choose this career path and are you a world traveler?**

I credit my mother with first giving me the opportunity to study abroad. When I was 14 years old, she asked me if I would like to spend a summer living with a family in Mexico. I jumped at the chance and have been hooked on international travel ever since. I spent my senior year in college in Montpellier, France, and then in graduate school I received a Rotary Ambassadorial scholarship to study in Geneva, Switzerland.

I stumbled upon this career path by accident, something that was perhaps easier to do in the 1970s than it would be today. At KU, I ran across an ad in the newspaper for a study abroad adviser position for 10 hours a week. I gambled, quit my full-time job and started advising students. From there the position quickly evolved into a full-time job, and we went from offering a few exchange programs to developing and offering programs all over the world.

My travels since then have either been work-related or short-term vacations with my family. Every time I travel, my husband and I toy with the idea of someday moving to that country. If we had given in to the impulse, we would be living in France, Mexico, Italy, Costa Rica, China and New Zealand all at the same time!

## **4. Aside from travel, what are your passions?**

I have many interests – planning our next trip, dragging my new digital SLR (camera) with me everywhere I go, photography classes, photo editing, reading, cooking, creating cookbooks, hiking, and quilting and fabric art.

During the past several years, I have taken up sailing with my husband. We own a 26-foot Balboa sailboat that we take up to Lake Dillon in the summer, spending weekends on the boat. Last summer, we ventured farther afield and spent a week crewing on a sailboat off the coast of Maine. Eventually we would like to do coastal cruising, perhaps starting in the Chesapeake, and then moving farther south to the British Virgin Islands and the Caribbean.

Circumnavigation is not out of the question, but Mother Nature is always throwing down the gauntlet, and I know that I need many more years of sailing before venturing on a trip around the world.

### **5. How did you come to own a restaurant and now create cookbooks?**

The international education profession is what I love to do the most, but I did take a break in the middle of this career to run a restaurant/bakery. While living in Switzerland, my former husband worked at a French boulangerie/patisserie. His dream was to open a French bakery and café in the U.S. The first business that we started was in Topeka, Kan., and the second was in Omaha, Neb. His skills were on the artistic side, while mine were more in management, so I ended up running the business end of things, including staffing, ordering and the lunch/dinner/catering side of the business.

We had wonderful customers and staff and I don't regret those years because of all of the personal connections that we made and all the people that were thrilled to have authentic French pastries. It was backbreaking work and while I never want to say that I regret anything in my life, I will always offer to talk to anyone who wants to open a restaurant about the reality of making it work, especially in the early years. I was so happy to finally return to the work that I truly love, which is sending students abroad.

I love any food that is off the beaten path of cheeseburgers and fries, all ethnic food and healthy food made with fresh ingredients. I am putting together a collection of cookbooks with themes like "To Your Health," "Favorite Family Recipes," "Meals on Board," "One-Pot Meals," "15-Minute Meals From the Pantry," "Recipes for Kids in College" and "All Vegetarian," among others.

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

## **Science Building at Auraria a team effort**

*State, UC Denver dignitaries take part in dedication*

Faculty, staff and students gathered Friday, Aug. 20, with state and local officials and other well-wishers to dedicate the addition to the Auraria Science Building.

Directly west of Speer Boulevard, the [four-story, 197,000-square-foot structure](#) houses new classrooms, labs and office space for the University of Colorado Denver as well as Metropolitan State College and Community College of Denver. It is connected to the existing Science Building, which is set to undergo renovation and upgrades to further extend facilities for science education on the Auraria Campus.

"This project has been much more than building a building," noted Barb Weiske, interim executive vice president for administration at the Auraria Higher Education Center. As she welcomed the crowd, she also reminded everyone of the persistence and partnership it took to secure funding and to complete the project.

That theme was echoed by each speaker, including Gov. Bill Ritter, who thanked the "Auraria Campus leaders who have a vision for higher education in the state." He also acknowledged the important contributions of faculty who teach the sciences.

State Treasurer Cary Kennedy described the Science Building project as "a model for the nation in teaching math and science." Kennedy sees the funding challenges that were encountered in the Auraria project as a symbol of the difficulties delaying many education initiatives throughout the state.

UC Denver Chancellor Jerry Wartgow said the celebration was possible "because of the hard work of a lot of the people here today." He recognized University of Colorado President Bruce D. Benson and recalled their work together on behalf of the Auraria Campus when they served on the Auraria Board of Trustees, and the effort it took to realize the original Science Building. In the spirit of long-term partnerships, Wartgow said, "We'll work hard to share the full impact of what this building will do for our schools and students."



The Auraria Science Building opens with a VIP ribbon cutting. From left, Gov. Bill Ritter, Downtown Denver Partnership President Tami Door, Metro State President Steve Jordan, UC Denver Chancellor Jerry Wartgow and Auraria Interim Executive Vice President for Administration Barbara Weiske.

## **CU-Boulder to partner in FAA commercial space transportation center**

*Aerospace department 'to help shape the future of commercial space flight'*



A team of eight institutions that includes the University of Colorado at Boulder has been selected by the Federal Aviation Administration to participate in a newly formed Center of Excellence for Commercial Space Transportation.

The center will focus 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. The new FAA center is expected to begin operations shortly, said aerospace engineering sciences Professor David Klaus, the principal investigator for the CU-Boulder portion of the project.

"This is an exciting opportunity to help shape the future of commercial space flight," said Klaus, who also is the associate director of BioServe Space Technologies, an established commercial space research group headquartered in CU-Boulder's aerospace department.

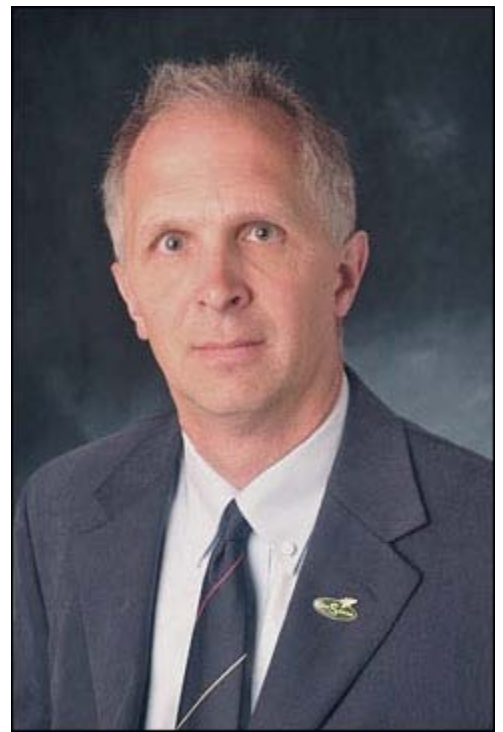
"This industry is currently at a point in time that is somewhat analogous to the barnstorming days of early aviation," Klaus said. "We have tremendous potential to advance the capabilities of space travel for the generations to come."

Said FAA Administrator Randy Babbitt, "Commercial space flight is ready to play a greater role in the nation's space program. Universities working with industry partners will fuel the research necessary to help keep us in the forefront of both technology and safety in space."

The Obama administration recently released its new National Space Policy, which recognizes opportunities and advancements in commercial space transportation and lays out specific ways to use commercial capabilities.

Congress authorized Air Transportation Centers of Excellence under the FAA Research, Engineering and Development Authorization Act of 1990. This legislation enables the FAA to work with universities and their industry partners to conduct research in environment and aviation safety, and other activities to assure a safe and efficient air transportation system.

The FAA's Office of Commercial Space Transportation is responsible for licensing, regulating and promoting the commercial space industry. Since the office was created in 1984, the FAA has issued licenses for more than 200 launches and has licensed the operation of eight FAA-approved launch sites known as spaceports.



David Klaus

## People

**Garden party**



Photo: Scott Arnold

From right, Regent **Stephen Ludwig**; **Lilly Marks**, vice president for health affairs and executive vice chancellor of the Anschutz Medical Campus; and **Roderick Nairn**, UC Denver provost, greet CU alumni during CU in Denver. The July 30 reception at Denver Botanic Gardens also was attended by CU-Boulder Chancellor **Philip P. DiStefano**. Leaders mingled with alumni, donors and friends of the university, while picnicking guests enjoyed music performed by students and alumni from the Boulder, Colorado Springs and Denver campuses.

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### **Boulder faculty, students to study health impact of oil spill along Gulf Coast**

Postdoctoral fellows and graduate students from Professor **Mark Hernandez's** environmental engineering lab at the University of Colorado at Boulder have traveled to the Gulf Coast to begin studying the effect of this summer's oil spill on air quality along shores.

The team will collect air and water samples from pristine shorelines as well as coastal state parks where cleanup operations have not yet begun. Faculty and students plan to take more samples during various phases of the cleanup operations over the next several months.

The multiseasonal survey is funded by a \$168,886 rapid-response grant from the National Science Foundation. The study is using novel toxicology assessment tools that were adapted for air-quality monitoring by co-investigators **Kevin McCabe** and **Alina Handorean**, postdoctoral fellows who specialize in applying molecular biology to environmental applications.

Researchers will try to determine the extent to which the large volume of hydrocarbons released into the Gulf of Mexico by the spill are becoming aerosolized as they weather, and what potential health risks they might present to cleanup workers.

"A growing body of research suggests that emergency response crews suffer from various respiratory disorders following floods and other large-scale carbon inputs to brackish and freshwater bodies," Hernandez said.

Hernandez and his students collected air and water samples in New Orleans floodwaters in the aftermath of hurricanes Katrina and Rita in 2005, but they did not find a significant level of airborne pathogens.

"This study will go much further in that we will not only identify and quantify the microbes present in the air, we will also attempt to determine their potential for negative health effects using model cell cultures in our laboratory," Hernandez said.

The study will be conducted in conjunction with the Division of Natural Sciences and Public Health at Dillard University, with which CU-Boulder has a well-established collaborative relationship in environmental microbiology.

The grant is one of two RAPID grants awarded to CU-Boulder faculty in response to the Gulf oil spill. The other grant, which is being led by professors **Karl Linden** and **Fernando Rosario-Ortiz**, focuses on the environmental fate of chemical dispersants that were used in the cleanup operations.

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## Sociology professor, husband receive lifetime achievement award



Adler

University of Colorado at Boulder sociology Professor **Patti Adler** and her husband, Peter, a professor in the department of sociology and criminology at the University of Denver, recently were presented with the George Herbert Mead Award for Lifetime Achievement from the Society for the Study of Symbolic Interaction in Atlanta, Georgia.

The Aug. 16 presentation marked the first time the honor was presented jointly to a collaborating couple.

The Adlers have been co-authoring since 1972 and their career accomplishments include the co-writing and/or editing of more than 20 books, more than 100 scholarly articles and chapters, and the reprinting of their work more than 100 times in readers and anthologies.

They received their bachelor's degrees from Washington University in St. Louis, their master's degrees from the University of Chicago and their Ph.D.s from the University of California, San Diego.

"Paradise Laborers," published in 2004, was the recipient of the North Central Sociological Association's Scholarly Achievement Award. Their most recent book, "The Tender Cut: The Social Transformation of Self-Injury," is forthcoming with NYU Press.

Patti Adler has previously received the Excellence in Teaching Award; the Award for Excellence in Research, Scholarship and Creative Work; and the College Scholar Award at the University of Colorado at Boulder.

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## Team behind promo videos takes home Telly Awards

Recent promotional videos by CU Online at the University of Colorado Denver were awarded three prestigious Telly Awards, which honor the best local, regional and cable television commercials, as well as video and film productions.

The team responsible for the videos includes **Greg Aronoff**, **Brian Yuhnke** and video interns **Ben Garst** and **Josh Howard**. CU Online competed with nearly 13,000 entries from all 50 states and five continents.

The winning videos were:

- ["Business and the Natural Environment" \(BUSN 6830\) with John Byrd](#)
- ["Business Ethics and Corporate Social Responsibility" \(MGMT 6822\) with Ira Selkowitz](#)
- ["MS in Managing for Sustainability", which features both John and Ira, as well as Cliff Young, Associate Dean of Faculty](#)

View the videos and more on the CU Online site. If you are interested in promoting your online course or program, contact Aronoff for more information at [greg.aronoff@ucdenver.edu](mailto:greg.aronoff@ucdenver.edu).

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### Psychology professor to publish book



Wurtele

**Sandy Wurtele**, professor of psychology at the University of Colorado at Colorado Springs, recently published "Out of Harm's Way: A Parent's Guide to Protecting Young Children From Sexual Abuse." The publisher, Parenting Press Inc., Seattle, plans to make the book available in September. A more detailed description and ordering information is available at [http://parentingpress.com/b\\_harm.html](http://parentingpress.com/b_harm.html).

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### Anschutz library technician to be honored by statewide association



Nugent

**Ruby Nugent**, University of Colorado Health Sciences Library technician on the Anschutz Medical Campus, is being awarded the 2010 Lucy Schweers Award for Excellence in Paralibrarianship by the Colorado Association of Libraries (CAL).

Nugent has been an active member of the association for years, providing leadership and service to the business of CAL and carrying forth expertise in library services throughout the state. The award is given annually to library support staff who advance and strengthen the image of the library profession and demonstrate pride and excellence in their library services expertise.

Nugent has been with the Health Sciences Library since 2008, and works in the access services department serving Anschutz Medical Campus students and faculty.

"Being part of the Colorado library community for more than 10 years as support staff has really given me the chance to collaborate, network and grow in my chosen field in a positive way," Nugent said. "I am fortunate to have worked with amazing peers and supportive leadership during my journey through my library career."

Nugent will receive the award at the CAL Awards Banquet in October.

Want to suggest a colleague — or yourself — for People? Please e-mail information to [Jay.Dedrick@cu.edu](mailto:Jay.Dedrick@cu.edu)

## Did you know...

### *Burns brings latest baseball film to UC Denver tonight*

Documentary filmmaker Ken Burns will be present for a free preview of his latest film, "The Tenth Inning," from 6 to 8 tonight at the University of Colorado Denver's King Center on the Auraria Campus, 855 Lawrence Way. After the 48-minute film excerpt, Burns will answer audience questions.

The two-part, four-hour documentary will air Sept. 28 and 29 on PBS as an extension of his landmark 1994 "Baseball" series.

The event is sponsored by Rocky Mountain PBS and the UC Denver College of Arts and Media. For details, [click here](#) or call 303-620-5797.



Ken Burns

## News from the CU system - CU-Boulder

### Telescope project selected as top priority for construction

A \$110 million telescope in Chile – planned in partnership with the University of Colorado at Boulder – that will probe distant galaxies and stellar nurseries has been named the top construction priority for mid-sized, ground-based telescopes by the National Research Council in the coming decade.

The 25-meter, far-infrared and submillimeter telescope effort involves two major partners – Cornell University and the California Institute of Technology – and three others: CU-Boulder and Canadian and German universities.

Known as CCAT, the facility would be built in the Atacama Desert in Chile at about 18,500 feet above sea level and would be the largest, most precise and highest astronomical facility of its kind in the world, said Associate Professor Jason Glenn, who is spearheading the CU-Boulder portion of the CCAT project.

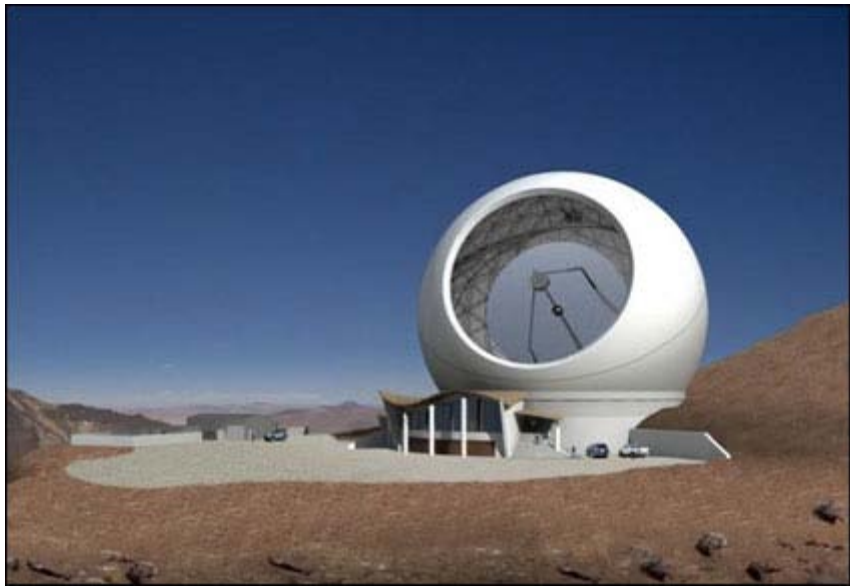


Photo by Casey A. Cass/University of Colorado

The new Center for Community building at the University of Colorado at Boulder.

The telescope was selected as part of the Astro2010 Decadal Survey produced by the National Research Council, an arm of the National Academy of Sciences. The council recommends priorities for the most important scientific and technical activities every 10 years in astronomy and astrophysics. The report, the "Astro2010 Decadal Survey: New Worlds, New Horizons in Astronomy and Astrophysics," was issued Aug. 13.

"With a broad scientific agenda, CCAT will enable studies of the evolution of galaxies across cosmic time, the formation of clusters of galaxies, the formation of stars in the Milky Way, the formation and evolution of planets, and the nature of objects in the outer solar system," according to the report.

"We are very excited about this selection because it means this telescope now has a very high probability of being built," said Glenn, a member of CU-Boulder's astrophysical and planetary sciences department. "This state-of-the-art facility will allow us to look back in time to when galaxies first appeared in the universe."

The Astro2010 committee is recommending that the National Science Foundation provide one-third of the cost of the project. The CCAT project partners also are raising money for the telescope, some of which already has been gathered through private donations and university contributions.

CCAT fundraising by CU-Boulder is under way and will require roughly \$5.5 million in capital toward the cost of the facility, as well as a contribution toward future annual operating costs, said Glenn.

Technology for the CCAT telescope's instruments already is being developed at CU-Boulder. Glenn's lab at the Center for Astrophysics and Space Astronomy is building a state-of-the-art camera using an array of 2,400 superconducting detectors. CU-Boulder is collaborating with the California Institute of Technology on the effort.

CCAT will gather radiation from submillimeter wavelengths, which are longer than visible and infrared light but shorter than radio waves, Glenn said. The telescope would be a workhorse for astronomers, because about half of the light emanating from distant stars and galaxies reaches Earth at far-infrared and submillimeter wavelengths.

"This facility will enable us to study the earliest stages of star and galaxy formation, as well as the initial conditions of solar systems like our own," Glenn said.

A number of CASA faculty and students will be involved in the CCAT effort. Professor Jack Burns is serving as chairman of the CCAT board of directors. Other faculty members from CASA include John Bally, Jeremy Darling, Nils Halverson, Dick McCray and Michael Shull.

## UCCS

### University praised for recruiting, retaining military and veterans as students

*G.I. Jobs* magazine named the University of Colorado at Colorado Springs to its 2011 list of Military Friendly Schools, an honor given to the top 15 percent of colleges, universities and trade schools working to embrace U.S. veterans as students.

Criteria for making the Military Friendly Schools list included efforts to recruit and retain military and veteran students, results in recruiting military and veteran students and academic accreditations. Schools on the Military Friendly Schools list also offer additional benefits to student veterans such as on-campus veterans programs, credit for service, military spouse programs and more.

"We are honored to be selected for this recognition," said Dana Rocha, director of the Office of Veterans and Military Affairs at UCCS. "We continually strive to meet the needs of veterans and their dependents and have seen a more than 70 percent increase in the number of students enrolled in the past two years."

The list was compiled through exhaustive research starting last April when *G.I. Jobs* polled more than 7,000 schools nationwide. Methodology, criteria and weighting for the list were developed with the assistance of educators from several universities, the Veteran's Administration, the American Council on Education and the Student Veterans of America. A full list of board members is available at <http://militaryfriendlyschools.com/Article/advisory-board/>

"This list is especially important now because the Post-9/11 GI Bill has given veterans virtually unlimited financial means to go to school," said Rich McCormack, *G.I. Jobs* publisher. "Veterans can now enroll in any school, provided they're academically qualified. So schools are clamoring for them like never before. Veterans need a trusted friend to help them decide where to get educated. The Military Friendly Schools list is that trusted friend."

A full story and detailed list of Military Friendly Schools will be highlighted in the annual *Guide to Military Friendly Schools* and on a poster, both of which will be distributed to hundreds of thousands of active and former military personnel in late September. The newly redesigned website [www.militaryfriendlyschools.com](http://www.militaryfriendlyschools.com) features interactive tools and search functionality to help military veterans in choosing schools that best meet their educational needs. The site currently shows 2010 Military Friendly Schools but will switch to the 2011 list in late September.

*G.I. Jobs* is published by Victory Media, a veteran-owned business that also publishes *The Guide to Military Friendly Schools*, *Military Spouse* and *Vetpreneur* magazines and annually rates the nation's "Military Friendly Employers," "Military Spouse Friendly Employers" and "Best Corporations for Veteran-Owned Businesses."

# UC Denver

## Outstanding faculty making local, global impact

Outstanding faculty members at the University of Colorado Denver will be honored at an annual ceremony 3-5 p.m. Friday, Sept. 10, in North Classroom, where they also will be featured on the Faculty Wall of Fame.

Each UC Denver school and college, as well as the Auraria Library, nominated a total of 29 faculty members for awards for Excellence in Teaching, Research and Creative Activities, and Service. The Thomas Jefferson honoree and the winner of the inaugural Provost's Award also will be honored at the ceremony.

Honorees include:

### Provost's Award for Excellence in Practices Related to Non-Tenure-Track Faculty: Department of Psychology



Allison Bashe, Joan T. Bihun and Kevin Everhart

The award recognizes NTTF psychology faculty members **Allison Bashe, Joan T. Bihun** and **Kevin Everhart**, at top, for their critical roles in graduate education in directing the Clinical Psychology Program and participating in the development of the proposal for the Clinical Health Psychology Ph.D. program. In addition, the team contributes immensely to the undergraduate education mission through the teaching of numerous undergraduate courses and mentoring undergraduate theses.

The award is given to an academic unit for excellence in practices regarding non-tenure-track faculty (NTTF) members. Criteria for the award include a high level of meaningful involvement of NTTF within the unit, demonstrated excellence in the level of impact or contribution and fulfilling the mission of the unit.

The psychology faculty members have been active in outcomes assessment, graduate thesis committees, clinical supervision, mentoring and advising students, teaching at all levels, college- and campus-level committees, and in building interdisciplinary programs that span the Denver and Anschutz campuses.

Bashe, Bihun and Everhart impressed the selection committee with a clear vision for their future and great leadership in identifying ways to incorporate NTTF into the department.

### Excellence in Teaching: Assistant Professor Stephan Durham





Durham

**Stephan Durham**, assistant professor of civil engineering in the College of Engineering and Applied Sciences, teaches courses in structural materials, reinforced concrete, prestressed concrete design and advanced concrete materials. He has developed and revised several courses, including the materials testing laboratory course.

Enthusiastic and fun, Durham is a student favorite. In his nomination packet, one student wrote: "Dr. Durham has a unique way of presenting new concepts and ideas in a way that is fun and makes intuitive sense to the students. I have had the privilege of learning from many great professors during the time I was at UC Denver. However, Dr. Durham stands head and shoulders above the rest because of his high level of enthusiasm, knowledge and genuine care for his students' learning."

Durham's "Concrete Frisbee Competition" every semester for undergraduates, where students design and construct flying discs made of concrete, is a class favorite. He promotes professional memberships for his students, learning outside the classroom and continuing education beyond graduation. He developed a program for training and certifying students to become ACI-Grade I Field Technician certified.

### **Excellence in Teaching: Sue Giullian**



Giullian

**Sue Giullian**, senior instructor in the School of Education and Human Development, has been on the faculty at UC Denver since 1997. She teaches courses in the Initial Teacher Preparation Program and has been active in course and program development for the program.

During the past three years, Giullian has taken on leadership roles related to her teaching responsibilities. She led other senior instructors in the development of draft policies and rubrics for the use of the Clinical Teaching Track faculty title series in SEHD. She has been active in the University of Colorado Denver Association of Lecturers and Instructors to ensure that non-tenure-track faculty members are supported and recognized for their contributions to the university.

A former student who is now a school principal wrote of Giullian: "As a cherished professional mentor, Sue has pushed me to recognize, reach and live my potential. With every career advance, she has challenged my beliefs, stretched my limits and instilled confidence. I am the quintessential example of a professional deeply influenced by a talented and dedicated professor."

Giullian previously won the award in 2005.

### **Excellence in Research and Creative Work: Jan Mandel**



Mandel

**Jan Mandel**, professor in the Department of Mathematics and Statistical Sciences in the College of Liberal Arts and Sciences, is a leader in the field of multigrid and domain decomposition methods and is known for creative methods for developing ways for researchers to use massively parallel computational equipment. He has been with the university since 1986.

Since 2007, Mandel has published 13 refereed articles and 11 refereed and non-refereed conference proceedings. His publications since 2007 have received more than 1,700 citations in the ISI Citation Index. He has secured almost \$4.5 million in external funding. Mandel was primary developer of WRF-Fire, the wildfire module in the Weather Research and Forecasting Model. Applications of this module also include hurricane assimilation, which is becoming the de-facto standard in numerical

weather tracking.

A colleague wrote of Mandel, "The evidence is overwhelming that Jan is an extremely prolific researcher, with extensive publications in highly respected journals, and has generated a great deal of interest from funding agencies for his scientific work. He exemplifies the concept of a world-class scholar."

Mandel also won this campus-level award in 1992.

### **Excellence in Service: Leo Bruederle**



Bruederle

**Leo Bruederle**, associate professor of integrative biology in the College of Liberal Arts and Sciences, has a strong record of service contributions both to the university and externally. He has been at UC Denver since 1994.

Since 2001, Bruederle has served continuously as associate chair or chair of integrative biology. He has been an integral part of the Auraria Science Building expansion, attending more than 40 meetings in 2009 alone, helping to organize the department's move earlier this year and everything in between. He is also deeply involved in the Colorado Native Plant Society, having served as board member; chair of publications and editor; Metro-Denver Chapter President; and Society President.

Bruederle has a long history of promoting undergraduate research at UC Denver. He has chaired the Undergraduate Research Opportunity Program and the Research and Creative Activities Symposium. He has engaged numerous students in research and has guided students in their peer mentoring of other students, both undergraduates and high school students from the Denver School of Science and Technology. His colleagues state, "Leo is one of the most committed faculty members I know. His activities within and outside of the university's walls advocate for the department, college, university and our students. His service is unquestionably outstanding."

### **Excellence in Librarianship: Ignacio Ferrer-Vinent**



Ferrer-Vinent

**Ignacio Ferrer-Vinent**, science reference and instruction librarian and assistant professor, describes his main mission as advancing the university's educational and research goals by helping students, faculty and staff in the area of science. He develops instructional materials, offers individual consultations, responds to electronic queries, develops database tutorials and teaches library instruction classes to help patrons with their education and research endeavors. He has been at UC Denver since 2005.

Ferrer-Vinent contributes to the scholarship of his profession via presentations and published articles. The Auraria Library Faculty Personnel Committee, which selected Ferrer-Vinent for this award, applauded his superior performance and strong commitment to the library, the university, and the profession.

His peers state, "He has become our resident expert for databases such as SciFinder Scholar and is always willing to help our students understand and use this very difficult chemistry database. With his competence and patient assistance, he exhibits the best characteristics of our profession."

And also, "I never fail to feel impressed by the way (he) combines his thorough knowledge of science and excellent library science skills with warmth and humility."

### **Thomas Jefferson Award: Stephen Hartnett**



Hartnett

**Stephen Hartnett** of the Department of Communications in the College of Liberal Arts and Sciences will be honored as the recipient of the universitywide Thomas Jefferson Award. This award is among the highest conferred at CU and recognizes a professor, staff member or student who helps advance the ideals of Thomas Jefferson.

Hartnett is a nationally recognized scholar who teaches Jefferson's texts and speaks about the president's legacy. He earned local and international recognition in 2008 for his participation in a UC Denver re-enactment of the 1858 senatorial debates between Abraham Lincoln and Stephen Douglas.

He has received the Northwestern Communication Association's 2008 Human Rights Award and has earned a national reputation as a successful prison educator. Hartnett was recognized by the Board of Regents at their April meeting last spring.

CLAS Dean Dan Howard wrote, "He is a scholar who strives to embody the democratic ideals, intellectual daring and artistic creativity that we have come to know and love as the legacy of Thomas Jefferson."

## **Anschutz Medical Campus**

### **Capital campaign to expand Cancer Center announced**

The University of Colorado Hospital Foundation (UCHF) has announced a campaign to raise \$20 million for the expansion of University of Colorado Cancer Center (UCCC). Since the University of Colorado Hospital's (UCH) clinical services for cancer relocated to the Anschutz Medical Campus in November 2000, demand has nearly doubled.

The expansion means physicians at the hospital will be able to treat about 11,450 more patients each year than they are able to treat today. It will add more than 40,000 square feet to the cancer center and includes the renovation of another 11,200 square feet. The expansion also will add 200 to 250 new, full-time employees.

"Nearly everyone has a personal experience with cancer, as a survivor or as a caregiver for a family member or loved one fighting the disease," said Bruce Schroffel, president and CEO of [University of Colorado Hospital](#). "We want to be able to treat as many people as we can, but we are literally out of space. This expansion campaign will provide us with the crucial room to meet the demand for our services." The cancer center expansion campaign is called "[When You Hear the Words, You Have Cancer.](#)"

[University of Colorado Cancer Center](#) treats the most complicated oncology cases and helps more patients than any single cancer center in the Rocky Mountain region. The hospital's cancer specialists and sub-specialists are uniquely qualified to provide the most advanced care to the most complex patients. UCCC is the only comprehensive cancer center designated by the National Cancer Institute in the region.

"[University of Colorado Hospital Foundation](#) selected the cancer center expansion as its No. 1 priority," said Peter H. Coors, chairman of University of Colorado Hospital Foundation and chairman of MillerCoors. "Since the hospital receives no support from the state of Colorado, private donations will be critical in meeting our \$20 million goal to expand."

The expansion also will allow for more clinical trials by adding more space and more physicians and researchers. At University of Colorado Hospital, hundreds of clinical trials are under way in an ongoing effort to discover and deliver more effective treatment. The goal is to translate discoveries made in the laboratory to the patients who will benefit from them, as quickly as possible.

"The care people receive at University of Colorado Hospital is world-class. When it comes to cancer care, the combination of clinical care and research means patients have options that can't be found anywhere else in the Rocky Mountain region," said Steve Bangert, chairman of the Cancer Center Expansion Committee and chairman and CEO of CoBiz Financial. "The Cancer Center Expansion Committee's fundraising effort is nearly halfway to the \$20 million goal. The whole committee is determined to raise the rest as quickly as possible so we can meet the demand for our cancer care."

To find out more about the campaign to raise money for the cancer center expansion, call 720-848-7802.

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