

## **Mark Yudof – Accountability, affordability**

Yudof, a national advocate for higher education, will take over the job of UC's 19th president on June 16 with a clear vision for the future.

By Donna Hemmila

UC President-designate Mark Yudof has been a national advocate for higher education diversity and affordability – a role he intends to import to California.

Yudof, whom Regents appointed 19th UC president on March 27, will take over as head of UC on June 16. He will succeed Robert Dynes, who announced in August that he would be stepping down as president this summer to return to teaching.

"It's hard to imagine a more stimulating job than serving as president of what I view as the premier public university system in the world," Yudof said after Regents announced his appointment. "I'm really looking forward to the challenge."

Yudof has served as chancellor at the University of Texas since 2002. Before that he was president of the University of Minnesota and was a longtime dean, provost and faculty member at the University of Texas at Austin. In addition to serving as UC president, he will hold a faculty appointment in the School of Law at UC Berkeley, where he once was a visiting professor.

During a press conference following the announcement of his appointment, Yudof said he would not lay out an agenda but shared two of his initial goals: maintaining academic excellence and continuing the restructuring of the Office of the President.

"The role of a system office is to facilitate what the campuses are trying to accomplish and to add value," he said. "If you can't add value, get out of the way."

Yudof described himself as pro-affirmative action and said he wouldn't have voted for California's 1996 Proposition 209 ballot measure, which prohibits using race, gender or ethnicity in determining college admissions or hiring.

"I'm a big believer in social and economic mobility and no permanent underclass," he said. "I believe affirmative action is not the only tool, but a tool to get there."

Yudof voiced concern over the rising cost of public higher education and the national dwindling of state support for these institutions.

"If I had my way, the closer tuition is to zero, the happier I am," he said. "I don't want a person to be precluded from coming to the University of California because they can't afford it."

Yudof said he would work as hard as he can to increase state support. In Texas, Yudof is praised for his administrative expertise and his ability to work with the state legislature.

"Candidates Obama, Clinton and McCain should be glad he only wants to be president of the University of California," said Regents' Chairman Richard Blum in introducing Yudof to reporters at the March 27 press conference.

Blum said he couldn't think of a better person to lead the UC system through its day-to-day challenges and to provide a long-term vision for its future.

To read more about Mark Yudof and view video of highlights from his press conference, visit [www.universityofcalifornia.edu/newpresident2008](http://www.universityofcalifornia.edu/newpresident2008)

Donna Hemmila is editor of Our University.

### **Ask it!**

Chances are there's something you've always wondered about, meant to look up or wished someone would explain. Now is your chance to satisfy that curiosity. E-mail your questions and we'll find the UC brainiac who can answer it. Science, health, culture, language - whatever your question, don't be shy. Just Ask it!

**Q:** Weight loss is based on expending more energy than consumed, and for every 3,000 calorie deficit you lose one pound. Assuming both an obese person and someone slightly overweight eat proportionate calories and exercise at equal levels, why does the obese person lose a lot more weight in the same amount of time than the slightly overweight person?

**A.** There are two reasons for this discrepancy. The first is, what weight are you losing? Contrary to popular belief, the first pounds one loses in response to dieting are water. Caloric restriction initially results in a loss of the glucose storage polymer known as glycogen from liver and muscle.

Glycogen, because of its tree-like structure and polar (electrically charged) nature, is surrounded by lots of water molecules. When you chew up glycogen for energy, the water gets liberated and you urinate it out. Obese people have more glycogen to lose than merely overweight people, so more water weight is lost in the first few days.

The second reason is that the obese person burns more calories at baseline. At baseline, everyone's resting energy expenditure is 50 kcal/kg fat-free mass. While the obese person has more fat mass, they also have more fat-free (muscle and bone) mass. So if they restrict their calories, since they are burning more, they will therefore lose more energy in the same period of time. However, as they do, the hormone leptin (which comes from the fat cells) drops, and the brain interprets that drop as a starvation signal, and reduces resting energy expenditure to as little as 42 kcal/kg fat-free mass, thus preventing them from losing a whole lot more. That's why obese people tend to plateau their weight within two weeks of dieting.

Robert H. Lustig, MD, UC San Francisco Children's Hospital is a pediatric endocrinologist and director of the Weight Assessment for Teen and Child Health clinic.

## People

### **Life at the top**

Lick Observatory, perched atop Mount Hamilton, is not only an internationally famous seat of astronomy research, it's also home to the 25 UC employees who keep the observatory running. What's it like to live at work? Let's just say it takes a special kind of person to deal with the wind, the snow, the isolation and all those visiting day-sleepers.

By Donna Hemmila

It's not that Remington Stone takes his work home with him every night. His home just happens to be at work.

The Mount Hamilton operations director is one of about 25 UC employees who live with their families in the shadows of Lick Observatory, home to 10 of the astronomy world's most famous – and busiest - telescopes.

Built for the University of California by an eccentric 19th century real estate mogul, the 120-year-old Lick Observatory hosts a steady stream of visiting astronomers who live on the premises, sleeping by day and logging research hours with the great telescopes by night. In addition, the top of Mt. Hamilton has a permanent population of about 40. They include research astronomers, telescope technicians, maintenance workers and gift shop clerks, plus their family members. They rent from the university the vintage cottages and apartments built decades ago around the observatory's compound of gleaming white telescope domes.

"There are two categories of people who get hired on," says Stone. "One stays a long time. The other leaves in a year."

Stone belongs to the first category: He has been living on the mountain for 40 years.

Lick Observatory lies 14 miles east of downtown San Jose at a height of 4,200 feet. For optimal stargazing, observatories need to be located away from city lights and atmospheric pollution. When it opened in 1888, Lick Observatory was the first mountaintop observatory in the world. To reach it visitors must navigate a steep, narrow road that winds around the mountainside like a wet spaghetti noodle. Although 30,000 visitors a year make the trek, for the most part the community living there is isolated. They can see Bay Area civilization - spread out in majestic views below -but it takes more than an hour to drive to it.

Stone, a former U.S. Marine Corps fighter pilot, was living in Big Sur in 1968 when he heard about a new University of California campus that had opened in Santa Cruz. He went to campus to look for a job. UC Santa Cruz had become the home base for the University of California Observatories, including Lick Observatory, which had previously been a stand-alone UC astronomy center. The observatory offices were in the same trailer as the campus employment office. When Stone got to the trailer, he went in the wrong door. That's how he landed his first job at Mount Hamilton as a telescope operator.

"I had always wanted the opportunity to look through a really big telescope, so I felt opportunity was knocking," he says. "I don't believe in fate, but I do believe in chance."

Stone took a chance on Lick, intending to leave in a year or so, but he says he never has found anything more interesting to do. He became a research astronomer and now is in charge of operations.

After 40 years, he knows the observatory's every nook and crevice as well as he knows the night sky. Anyone lucky enough to have Stone show them around the place will get an earful of Lick history and a dose of astronomy limited only by their own imaginations.

"I think we have the highest intersection of interesting history and modern research," Stone says as he unlocks the door to the main public building, a monumental 19th century edifice that houses offices, exhibit space and classrooms. The domes built for the observatory's first two telescopes flank its high-ceilinged marble halls. A small dome on one side held a second-hand 12-inch telescope with a bigger dome on the opposite side to house the great Lick refractor.

At the time the Lick refractor "saw first light" in 1888, its 36-inch lens made it the biggest in the world. Nine years later the University of Chicago took that title away when its Yerkes Observatory opened with a 40-inch refractor telescope, a deliberate move to best Lick Observatory and proclaim itself the home of modern astrophysics. In the ensuing years, astronomers adopted the reflector telescope as their scope of choice. The reflectors use mirrors rather than glass lenses to gather light. That shift in technology left the Yerkes and Lick refractor telescopes perpetually locked in their No. 1 and 2 size rivalry. Stone still believes the Lick refractor outshines the one at the Yerkes.

"They don't have a dead guy," he says mysteriously.

The dead guy is James Lick, the wealthy land entrepreneur, once owner of Catalina Island and big chunks of San Francisco, who built the observatory on behalf of the University of California. Lick created a board of trustees to oversee the building of a state-of-the science observatory for the university. He died during the first year of construction. In 1887, 10 years after his death, the trustees moved Lick's body from a San Jose cemetery to the base of the great refractor.

Visitors can climb down a narrow stairway and peak under the floor where the telescope is installed to see a single light illuminating a plaque that reads simply, "Here lies the body of James Lick."

Over the decades, Lick Observatory has been a source of many important discoveries. In 1892, E.E. Barnard discovered Jupiter's fifth moon through the Lick refractor. Today, the refractor is used mainly for college and university astronomy classes and a NASA program for science teachers. The observatory's other telescopes continue to play significant roles in modern-day observing. Forty-nine of the first 50 new planets discovered around distant stars were found with Lick telescopes. Astronomers have the 120-inch Shane reflector telescope booked every night of the year except Christmas and New Year's.

The public can visit Lick Observatory seven days a week during daylight hours. If you're wondering what an astronomer does at night on Mount Hamilton, summer is your only chance to find out. Beginning in June, the Summer Visitors Program offers six Friday evening events that include a history talk, astronomy lectures and telescope viewing. Space is limited, and \$5 tickets are sold through a lottery.

Music of the Spheres gives another chance for a nighttime visit. Concerts are held on six Saturday nights in summer with proceeds benefiting the observatory. Tickets are priced from \$30 to \$150, and all tickets include the opportunity to look through a really big telescope.

For more information about Lick Observatory, visit [www.ucolick.org/public/visitors.html](http://www.ucolick.org/public/visitors.html)

Donna Hemmila is editor of Our University.

## **Featured campus: UC Santa Cruz**

### **Mountain rescue**

John Mock, a lecturer in Hindi and Urdu languages, has launched an international campaign to rid the base of Afghanistan's tallest mountain of landmines. Mock, who with his wife is a Lonely Planet guidebook author, is enlisting support from fellow mountain climbers to make the region safe for Afghan villagers who live near Noshaq's peaks.

UCSC lecturer organizes campaign to remove landmines in Afghanistan

By Scott Rappaport (831) 459-2496; [srapp@ucsc.edu](mailto:srapp@ucsc.edu)

Since 2000, Afghanistan's highest mountain, Noshaq, has been inaccessible because the route to the base camp of the 24,580-foot peak has been blocked by landmines.

The mines were laid by the Northern Alliance to prevent the Taliban from attacks via the nearby Qazideh Valley in Afghanistan's Wakhan Corridor. As a result, the approximately 1,000 villagers of Qazideh are unable to let their livestock out in the pastures where they have traditionally grazed, and the people risk their lives whenever they need to gather firewood from the fields for cooking and to heat their homes.

In January, UCSC lecturer John Mock helped launch a campaign to solve this problem by appealing to the international mountaineering community to fund the removal of the landmines.

"The goal is to reopen the valley for the villagers, end landmine casualties and suffering, and reopen Noshaq for climbers and trekkers," said Mock. "This could generate much needed sustainable tourism income for the people living in the whole region."

"For mountaineers, access is an important issue—it's one of the biggest mountains in the world with a long history of mountaineering expeditions," Mock added. "And this project addresses the larger issues of biodiversity, conservation, and development in a very remote and interesting part of Afghanistan."

Mock teaches all of the Hindi and Urdu language classes at UCSC. His expertise includes the cultures of northern Pakistan and Afghanistan, and he speaks Urdu, Wakhi, Hindi, and Nepali, among other languages.

Mock is also a consultant for the Wildlife Conservation Society's Afghanistan Biodiversity Project and a member of IUCN's World Commission on Protected Areas. He currently serves on the board of trustees of the American Institute of Afghanistan Studies and on the executive council of the Association for Nepal and Himalayan Studies.

"In October 2007, the HALO Trust, a nonprofit organization engaged in clearing landmines in northern Afghanistan, finished a survey of the Qazideh Valley--it's the same trust that Princess Diana was involved with," said Mock. "Afghanistan is one of the most heavily mined countries in the world and HALO has a limited budget. The trust estimates that removing the mines will cost almost 100,000 U.S. dollars."

Clearing the mines could begin as early as June 1 if funds are raised by March 31. If that date is missed, the project could shift to 2009 with an alternative fundraising deadline of March 31, 2009. Mock noted that nearly \$8,000 dollars have already been donated as of mid-February.

For more information about the campaign, visit Return to Noshag Web site: [www.mockandoneil.com/noshag.htm](http://www.mockandoneil.com/noshag.htm).

## **Systemwide News**

### **Ready for the Big One?**

April 18 is the anniversary of the great 1906 San Francisco earthquake when Californians naturally start obsessing over fault lines. Wouldn't it be nice if someone just called you on the phone to warn you when a shaker was about to strike? UC Berkeley researchers have been working on something like that.

By Donna Hemmila

Can a few seconds warning save your life in a major earthquake? There's a good chance it can, and researchers at UC Berkeley have been working on an early-warning system that could give folks at least a running start before things start tumbling down.

"We're only talking about a few seconds to tens of seconds," said Richard Allen, a UC Berkeley assistant professor of earth and planetary science. Yet those few seconds of warning can be critical to survival.

Allen is a researcher at the California Integrated Seismic Network and is leading development of an early-warning system that could broadcast a quake alert to cell phones, computers or phone messaging systems. The network is a collaboration of the UC Berkeley Seismological Laboratory, the U.S. Geological Survey, the Southern California Earthquake Center at the University of Southern

California, the California Institute of Technology and the Swiss Seismological Service.

Network researchers have had recent success in using existing seismic monitoring systems to predict the level of ground shaking a geographic area will experience once a fault has ruptured.

On Oct. 30, 2007, the system accurately predicted the ground shaking in San Francisco seconds before the 5.4 Alum Rock earthquakes actually hit the city.

Now, Allen said, network researchers are talking to agencies like the Bay Area Rapid Transit District about the possibility of deploying early-warning systems in the Bay Area. Mexico, Turkey, Romania and Taiwan have such systems, and last October, Japan activated a nationwide early warning system.

In Japan, Allen said, after the system was launched cell phone providers quickly began offering quake warning services to their customers with special ring tones. He'd like to see something similar in the marketplace here.

But can just a few seconds warning really make a difference? Allen says yes. In a few seconds, someone can step away from shattering windows or falling bookcases. The computers that run BART trains could automatically slow down the rail system or stop the trains. Elevators could be programmed to stop on the next floor and open doors to prevent people from being trapped inside for hours. Factories could automatically stop production lines.

In July 2009, researchers expect to complete testing of the warning systems and to have estimates on how effective such a system would be in California.

"This is no panacea," said Allen. "The idea is we can reduce hazards."

For more about earthquakes, visit the U.S. Geological Survey's preparedness resource guide at [earthquake.usgs.gov/learning/preparedness.php](http://earthquake.usgs.gov/learning/preparedness.php)

Learn about UC Riverside's Quake-Catcher Network.  
<http://www.newsroom.ucr.edu/cgi-bin/display.cgi?id=1806>

Take a Google Earth virtual tour of the Hayward Fault at [www.gearthblog.com/blog/archives/2006/03/usgs\\_virtual\\_to.html](http://www.gearthblog.com/blog/archives/2006/03/usgs_virtual_to.html)

Donna Hemmila is editor of Our University.

### **In the winner's circle**

UC faculty and alumni joined the company of Bob Dylan in winning a 2008 Pulitzer Prize: UC Berkeley's Robert Hass:

English professor Robert Hass wins Pulitzer Prize for poetry for "Time and Materials"

By Kathleen Maclay, UC Berkeley Public Affairs | 07 April 2008

BERKELEY – Robert Hass, an award-winning UC Berkeley professor of English and former U.S. poet laureate, has won the 2008 Pulitzer Prize for poetry for his latest book, "Time and Materials."

Hass, who won the National Book Award for poetry in 2007 for the same collection of poems, shares the award with poet Philip Schultz, author of "Failure," a collection of poetry. The prize, announced today (Monday, April 7) carries a \$10,000 award. It is issued for a distinguished volume of original verse by an American author.

Some previous winners include Robert Frost, Marianne Moore, Wallace Stevens, Gary Snyder, Sylvia Plath, William Carlos Williams, Archibald Macleish and Gwendolyn Brooks, whose archive is at UC Berkeley's Bancroft Library and who was the first African American to win the prize.

Hass is the fourth current member of the UC Berkeley faculty to win a Pulitzer Prize. The others are Lowell Bergman, a professor of journalism whose New York Times story about American workers and safety rules — written with David Barstow — received the Pulitzer Prize for public service in 2004; Leon Litwack, a professor emeritus of history, who received the Pulitzer Prize for U.S. history in 1980; and Ben Bagdikian, former dean of the Graduate School of Journalism, who won the prize for local reporting in 1953. Work by Richard Ofshe, a UC Berkeley professor emeritus of sociology, contributed to the 1979 Pulitzer Prize for public service won by the Point Reyes Light newspaper.

Hass said he's very grateful for the prize and "a bit overwhelmed by the generosity of the Cal community, which has flooded me with notes of congratulations." While he says that his students are pleased, he thinks they "will want me to turn my attention to their work again as soon as possible and I am trying to do that (with summer in my sights)."

Jurors in the 2008 poetry category included Claudia Emerson, a professor of English at Mary Washington College in Fredericksburg, Va., poet Wesley McNair of Maine, and Natasha Trethewey, an associate professor of English at Emory University in Atlanta. Emerson won the Pulitzer Prize for Poetry in 2006, and Trethewey won it in 2007.

Janet Broughton, dean of arts and humanities at UC Berkeley and a professor of philosophy, expressed appreciation for the latest award for Hass.

"First the National Book Award and now the Pulitzer Prize!" she said. "I'm thrilled by this recognition for Professor Hass's poetry, which is deeply personal and yet passionately engaged with the great public issues of our time. It seems especially right that Professor Hass should receive this kind of nationwide acclaim; he's been a longtime champion of poetry as a force in our national life."

In their announcement, the Pulitzer judges noted the familiar landscapes of Hass's winning poetry — San Francisco, the Northern California coast, the Sierra high country — "in addition to some of his oft-explored themes: art; the natural world; the nature of desire; the violence of history; the power and limits of language; and, as in his other books, domestic life and the conversation between men and women. New themes emerge as well, perhaps: the essence of memory and of time."

Hass, 67, has made important contributions to poetry, criticism and translation. In addition to his poetry recognized with the Pulitzer Prize, his books of poetry include "Sun Under Wood," "Human Wishes," "Praise" and "Field Guide," which won the 1973 Yale Series of Younger Poets Competition. His critical essays are assembled in "Twentieth Century Pleasures," and the poets he has translated include Czeslaw Milosz, Tomas Tranströmer, and masters of Japanese haiku.

He was the U.S. poet laureate from 1995 to 1997. In addition to teaching at UC Berkeley, Hass is a chancellor of the Academy of American Poets. He is co-founder of River of Words, an organization that promotes environmental and arts education in affiliation with the Center for the Book in the Library of Congress. His wife, Brenda Hillman, also is a poet.

After serving as the host of UC Berkeley's Lunch Poems series for several years, Hass gave a reading of his own poetry at a Lunch Poems gathering in December 2003; a Webcast recording of the reading is available online.

### **UCLA's Saul Friedlander and Daniel Walker Howe:**

Historians Saul Friedlander and Daniel Walker Howe win  
Pulitzer Prizes  
By Ajay Singh

Two UCLA professors of history have each won 2008 Pulitzer Prizes for general nonfiction and history, joining the ranks of literary luminaries and past Pulitzer winners such as political scientist George F. Kennan, historian Richard Hofstadter and journalist Studs Terkel.

Saul Friedländer, professor of history and noted scholar of the Nazi Holocaust, won the prestigious

prize for general nonfiction for his 2006 book, "The Years of Extermination: Nazi Germany and the Jews, 1939-1945," published by HarperCollins. The book, which blends the history of the Nazis with personal stories about their victims, is the second and concluding volume of Friedländer's acclaimed historical narrative about the persecution and extermination of the Jews during World War II.

Professor Emeritus Daniel Walker Howe won the Pulitzer for history for his 2007 book, "What Hath God Wrought: The Transformation of America, 1815-1848."

"We are deeply honored that two UCLA historians have won the Pulitzer Prize for truly engaging works that shed light on two pivotal points of history," said Chancellor Gene Block. "We take great pride in these scholars and the valuable work they do."

"It's a great honor," said Friedländer, who holds the 1939 Club Chair in Holocaust Studies and is a Holocaust survivor whose parents were killed during the Holocaust. A citizen of both the United States and Israel, he added: "The Pulitzer is important because it's an American prize that has a great meaning in this country."

Howe said he felt "elated" upon hearing that he had won the Pulitzer. "I'm grateful that the book has been appreciated and noticed," he added, partly because "it's the first book I have written for the general, literate, curious public. I wanted to say something for the public at large and I am very happy to have done that."

"What Hath God Wrought," published by Oxford University Press, is a general history of the United States from 1815 to 1848. It is an account of the innovations in communications and transportation that laid the foundations of modern America. The book's title, taken from a quote in the Bible, alludes to the text of the first-ever telegraphic message, tapped out by Samuel Morse from the United States Supreme Court in Washington, D.C., in 1844.

"This is absolutely marvelous!" said Edward Alpers, professor and chair of the Department of History. "To have two colleagues in the same department receive Pulitzers the same year must be truly unique .... We

are all extremely proud of Saul and Dan for receiving this remarkable national recognition of their magnificent achievements."

Both Friedländer and Howe are looking forward to talking about their books. Friedländer recently returned from France, where the French translation of his book was published, and will be returning there in June to deliver the prestigious Marc Bloch Lectures at the Ecole des Hautes Études en Sciences Sociales (School for Higher Studies in the Social Sciences.)

Howe will give a talk about "What Hath God Wrought" to the UCLA Emeriti Association on May 14.

For more information:

<http://www.newsroom.ucla.edu/portal/ucla/pro-saul-friedlander-wins-pulitzer-48188.aspx>

### **UC Irvine alumnus Michael Ramirez:**

UCI alumnus wins second Pulitzer for editorial cartooning

UC Irvine alumnus and editorial cartoonist Michael Ramirez has drawn his second Pulitzer Prize for what the judges called his "provocative cartoons." Winners were announced Monday, April 7. Ramirez is a senior editor and the editorial cartoonist for Investor's Business Daily. He received his first Pulitzer for editorial cartooning in 1994, when he was with The Commercial Appeal of Memphis, Tenn. Ramirez earned a double bachelor's in studio art and art history from UCI in 1984, and his early editorial cartoons ran in the student newspaper. He also received the university's highest honor, the Medal, in 1997.

To see his cartoons:

<http://www.investors.com/editorial/cartoon.asp>

### **UC Santa Cruz alumna Dana Priest:**

UCSC alumna Dana Priest wins Pulitzer Prize for Walter Reed exposé

By Jennifer McNulty (831) 459-2495; [jmcnulty@ucsc.edu](mailto:jmcnulty@ucsc.edu)

Dana Priest, the Washington Post reporter who won a Pulitzer Prize in 2006 for her work exposing the government's secret 'black site' prisons, has won journalism's highest honor again, this time for her exposé of the mistreatment of wounded veterans at Walter Reed Hospital.

Priest and her colleagues Anne Hull and photographer Michel du Cille received the 2008 Pulitzer Prize for public service for their coverage, which prompted a national outcry and government-initiated reforms at the hospital. The awards were announced today (April 7) by Columbia University.

Priest graduated from UCSC (Merrill College) in 1981 with a bachelor's degree in politics. In 2006, she received the Division of Social Sciences' inaugural Distinguished Alumni Award, and she has been selected to receive the 2008-09 UCSC Alumni Association Alumni Achievement Award, which will be presented October 24 at the Coconut Grove during the campus's annual Founders Day celebration. The Alumni Association's award is given each year to a graduate who has brought distinction to the university.

Priest is the fifth UCSC graduate to receive a Pulitzer, and the first to win the coveted prize twice. Other recipients include Hector Tobar (1992), Laurie Garrett (1996), photographer Annie Wells (1997), and Martha Mendoza (2000).

## **Industry leaders stump for UC**

By Donna Hemmila

Five executives from the health care, technology and agriculture industries testified before a state senate panel last month to plead for more higher education funding. Each told how UC, CSU and the California community colleges play a role in their personal and professional lives.

Business leaders testifying before a Senate panel last month painted a grim picture of California's economic future if state support for higher education declines.

"Our competitive edge is being eroded in California," said Stephen Chang, a UC Irvine alumnus and founder of biotech company Stemgent Inc. "Our competitive edge is our education system."

Chang was one of five leaders from the health care, technology and agriculture industries who testified before the March 13 meeting of the Senate Budget and Fiscal Review Subcommittee. Their appearance was part of a collaborative effort of the University of California, California State University and the California Community Colleges to advocate for state funding for higher education. Each

business leader told the senators about the impact UC, CSU and community colleges have had on their personal lives and their industries.

Chang told senators that when he enrolled at UC Irvine 31 years ago the field of biotechnology didn't exist, but UC helped create that new industry and make it an economic force in the state. Today, discoveries coming out of UC labs and research centers will continue to fuel the industries of the future, he said, if the state continues its investment in higher education.

"We have immense problems before us," Chang said. "It will be bright minds from UC and CSU that will solve them."

Chi-Foon Chan, president and chief operating officer of semiconductor software design firm Synopsys Inc., said he feared California is facing an engineering crisis. China is graduating seven times the number of engineers as California and India more than three times as many, Chan said. There is global competition for those highly trained talents, he said, and companies like his will find it increasingly difficult to import the skilled workers they need.

"We desperately need a homegrown group of engineers to maintain Silicon Valley," Chan said. Synopsys Foundation supports math and science K-12 programs to encourage young people to go into technology and engineering careers.

"What happens if there is no room at the engineering colleges for these students we're supporting?" Chan asked the panel.

Others to testify included Jerry Lohr, founder of J. Lohr Vineyards and Wines; Susan Rosenthal, work force consultant for Kaiser Permanente; and Richard Rominger of Rominger Farms.

Rominger, whose family has grown alfalfa, beans, corn and other crops in Yolo County since 1870, said the state's \$34 billion agriculture industry relies on UC and CSU's cutting-edge research to give it a competitive edge in the global marketplace.

UC and CSU innovations – from drip irrigation to pest management practices – have enabled farmers to produce more food per acre at lower costs, he said, keeping California farmers competitive with countries where labor and land are cheaper and environmental regulations looser. Rominger, a UC Davis alumnus, headed the California Department of Food and Agriculture from 1977 to 1982 and was U.S. deputy secretary of agriculture.

"I realize that you have some tough budget decisions to make over the next few months, and everything is on the table," Rominger told the senators. "But I would like to urge you to take into consideration the tremendous contributions UC and

CSU make to California and the future of our great state. Future generations will thank you."

Donna Hemmila is editor of Our University.

## **More News**

### **Australia taps UC provost's expertise**

Provost Rory Hume was among prominent Australians living in the United States who were asked to advise Prime Minister Kevin Rudd during his recent visit to Washington.

Hume, along with UCLA math professor Terence Tao and Director of Scripps Institution of Oceanography at UC San Diego Tony Haymet, met with the prime minister on March 30 at the Australian embassy. They were among 16 academics, researchers, venture capitalists and bankers who were asked to advise the prime minister on issues they think are important to Australia in the coming years.

"The University of California has a wealth of expertise to share with the global community on challenges all nations face such as global warming and education," Hume said. "Certainly it is an honor to be asked to share this knowledge with our fellow Australians."

During the five-hour gathering, Hume focused on the importance of high school math and science education and investments in higher education and research. He offered California's Master Plan for Higher Education as a model.

"California has the finest system of higher education," Hume said. "It makes sense for other countries to look to us as a model for enhancing their own competitiveness in the global marketplace by building a highly skilled and educated work force."

Rudd, sworn in as prime minister in December 2007, pledged to deliver an education revolution as one of the top priorities of his government. In an effort to fight rising inflation and boost productivity, Rudd has said he is committed to investing in education from early childhood to skilled trades to the university level and to increasing the number of math and science teachers. These are all goals similar to those highlighted in UC's educational imperative initiative.

While in Washington, Prime Minister Rudd also met with President George W. Bush and U.S. Securities and Exchange Commission Chairman Christopher Cox.

### **UC seeks applications for IT award**

Contact: Jennifer I. Ward  
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The University of California is seeking applications for the Larry L. Sautter Award for Innovation in Information Technology.

Named for UC Riverside's former associate vice chancellor for computing and communications, the Sautter Award is open to faculty and staff from all UC campuses, the UC Office of the President and Lawrence Berkeley National Laboratory.

The program, sponsored by the UC IT Leadership Council, recognizes innovative deployment of information technology in support of the university's mission of teaching, research and public service.

The Sautter Award program presents three Golden Awards and two Silver Awards, as well as honorable mentions. Winners will be announced at the annual UC Computing Services Conference July 20-22 at UC Santa Barbara.

The application deadline is May 23. For more information:  
[www.ucop.edu/irc/itlc/sautter/welcome.html](http://www.ucop.edu/irc/itlc/sautter/welcome.html)

For more information about the UC IT Leadership Council:  
[www.ucop.edu/irc/itlc](http://www.ucop.edu/irc/itlc)

Date: 2008-04-08

Contact: University of California Office of the President

Phone: (510) 987-9200

Email:

Eighteen University of California researchers received 2008 Guggenheim fellowships -- more than any other university system.

The John Simon Guggenheim Memorial Foundation awarded \$8.2 million in fellowships this year to 190 artists, scholars and scientists from more than 2,600 applicants in the United States and Canada.

The New York-based foundation announced the awards last week. Guggenheim fellows are appointed on the basis of stellar achievement and exceptional promise for continued accomplishment, according to the foundation. Since 1925, the foundation has granted more than \$265 million in fellowships to almost 16,500 individuals. Fellowships are grants made for a minimum of six months

and maximum of 12 months. The average grant this year is about \$43,000.

This year's Guggenheim fellows from the University of California are:

UC Berkeley

Margaret Lavinia Anderson, professor of history  
(Armenian genocide)

Stanley Brandes, professor of anthropology (pets and their people)

G. R. F. Ferrari, professor of classics (fiction and the limits of social meaning)

Paolo Mancosu, professor of philosophy (interplay between philosophy of mathematics and mathematical logic)

Arthur P. Shimamura, professor of psychology (a neurocognitive approach to the psychology of art and aesthetics)

Kaja Silverman, professor of rhetoric and film (the miracle of analogy)

UC Davis

Li Zhang, associate professor of anthropology (the rise of psychotherapy in post-reform China)

UC Irvine

Edward Fowler, professor of East Asian languages and literature (a family memoir)

Simon Leung, associate professor of studio art (post-studio art)

Ruben Ochoa, adjunct professor in sculpture (installation art)

UCLA

Susanna B. Hecht, professor of urban planning (deforestation in the rubber boom of the upper Amazon)

Chandrashekhara B. Khare, professor of mathematics (motives, Galois representation and automorphic forms)

Glen M. MacDonald, professor of geography (climate warming, epic drought and society)

Katherine V. W. Stone, professor of law (the remaking of labor relations in the 21st century)

Marc A. Suchard, assistant professor of biomathematics, biostatistics and human genetics (toward solutions to the fundamental problems in statistical phylogenetics)

Roger D. Waldinger, distinguished professor of sociology (America's new immigrants and their homeland connection)

UC San Diego

Rae Armantrout, professor of poetry and poetics (poetry)

Jason X.-J. Yuan, professor of medicine (role of ion channels in stem cell proliferation and differentiation)

To view the Guggenheim Fellowship Awards release:  
[www.gf.org/April022008.html](http://www.gf.org/April022008.html) Date: 2008-04-08

Contact: University of California Office of the President

Phone: (510) 987-9200

Email:

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## **UC graduate schools rank high in U.S. News & World Report survey**

The University of California has some of the nation's top graduate schools in fields such as business, law and medicine, according to a new survey by U.S. News & World Report.

UC campuses had five No. 1-ranked programs -- chemistry (UC Berkeley), clinical psychology (UCLA), computer science (UC Berkeley), English (UC Berkeley) and pharmacy (UC San Francisco) -- in the magazine's annual edition of America's best graduate schools, which hit newsstands March 31.

Overall, nine UC campuses received rankings, with more than 40 programs ranked in the top 10.

To view the U.S. News graduate school rankings online, visit: <http://grad-schools.usnews.rankingsandreviews.com/grad>

Additional links:

UC Berkeley business school release:

[www.haas.berkeley.edu/groups/newspubs/haasnews/archives/hn033108.html#story2](http://www.haas.berkeley.edu/groups/newspubs/haasnews/archives/hn033108.html#story2)

UC Berkeley engineering school release:

<http://coe.berkeley.edu/about/rankings.html#grad09>

UCLA School of Medicine release: [www.newsroom.ucla.edu/portal/ucla/david-geffen-school-of-medicine-47686.aspx](http://www.newsroom.ucla.edu/portal/ucla/david-geffen-school-of-medicine-47686.aspx)

UC San Diego release: <http://ucsdnews.ucsd.edu/newsrel/general/03-08UCSDReceiveHighRanks.asp#>

Scripps release: [http://sio.ucsd.edu/Announcements/2009\\_USNews](http://sio.ucsd.edu/Announcements/2009_USNews)

UC San Francisco release:

<http://pub.ucsf.edu/newsservices/releases/200804011/>

## **UC nurses ratify multiyear contract**

Contact: Nicole Savickas

Phone: (510) 287-3356

Email: nicole.savickas@ucop.edu

The University of California announced today (March 25) that the agreement reached last week between UC and the California Nurses Association on a new multiyear contract was officially ratified by UC nurses.

Under the agreement, UC nurses will receive market-based wage increases and continue to receive the same high-quality health benefits as other UC employees.

The terms of the agreement will be in effect through Sept. 30, 2010, with wages, benefits and one other article open to each party in early autumn of 2008 and 2009.

The agreement will be available online in the next few weeks at

[http://atyourservice.ucop.edu/employees/policies\\_employee\\_labor\\_relations/labor\\_relations.html](http://atyourservice.ucop.edu/employees/policies_employee_labor_relations/labor_relations.html).

## **Two new regents appointed**

Gov. Arnold Schwarzenegger has appointed Bonnie Reiss of Malibu and John Hotchkis of Los Angeles to the UC Board of Regents.

Since September 2007, Reiss, 52, has served as operating advisor to Pegasus Capital Advisors, a private equity firm based in New York.

Reiss also currently serves on the board for the Women's Conference, Afterschool All-Stars and the California Dream Team. She previously was a senior advisor to Schwarzenegger from 2003 to 2007, where she advised the governor on all major policy initiatives including education, the environment and children's issues.

From 1994 to 2003, she served as president of the Inner-City Games Foundation, later renamed Afterschool All-Stars. She is a founding director of Arnold's All-Stars, a California non-profit organization providing after-school programs to middle schools.

Her experience includes careers as an entertainment lawyer, accountant, producer and writer from 1981 to 1988. In 1988, Reiss founded the Earth Communications Office where she led the effort to increase the entertainment industry's awareness of environmental issues.

She served as a member of the State Board of Education from 2004 to 2006. In 2007, she received the William S. White Lifetime Achievement Award from the U.S. Department Education for her advocacy in the area of public education. In 2006, she received the Advocate of the Year Award from the UC Student Association. Reiss holds a bachelor's degree in accounting and finance from the University of Miami. Reiss is a Democrat.

Hotchkis, 76, has served as chair and chief executive officer of Ramajal, an investment management firm, since 2000. From 1980 to 1999, Hotchkis was a general partner for Hotchkis and Wiley and, from 1973 to 1980, was vice president for Everett Harris & Company.

From 1971 to 1973, he was president of Trust Company of the West and, from 1969 to 1971, was general partner and vice president for Dean Witter & Company.

Hotchkis earned a master of business administration from the UCLA and a bachelor's degree in political science from the UC Berkeley. Hotchkis is a Republican.

Appointments to the Board of Regents require Senate confirmation, and there is no salary.

### **UCTV now on YouTube, iTunesU**

Contact: Alison Gang

Phone: 858-822-5060

Email: [agang@ucsd.edu](mailto:agang@ucsd.edu)

University of California Television (UCTV) has partnered with YouTube and Apple's iTunesU to launch channels that will extend the reach and accessibility of its growing archive of free educational and cultural videos.

Thousands of videos are available at UCTV's YouTube channel and in iTunesU's Beyond Campus podcast directory. This significant Web expansion allows UCTV, the satellite channel operated by the University of California, to better achieve its mission of sharing the knowledge generated on the 10 UC campuses with a global audience. According to a July 2007 report from the Pew Internet & American Life Project, over half (57 percent) of online adults have watched or downloaded video on the Internet. This mainstream reach demonstrates how important widespread online video distribution is to a non-commercial channel like UCTV.

UCTV's YouTube channel offers a valuable educational alternative to today's more entertainment-oriented online video. The channel houses an extensive archive over 1,800 programs, with more added daily. Almost 1,000 users have subscribed to the channel to date and thousands more have commented on and rated programs, shared videos with friends, and embedded videos into their own blogs or websites.

Mobile listening and viewing of UCTV programs is also possible through UCTV's home page within iTunesU's Beyond Campus , which offers a directory of educational podcasts for the general public. Here visitors can discover UCTV's monthly podcast features and subscribe to audio and video podcast feeds by

subject area or series. This April, UCTV highlights its poetry podcasts in conjunction with National Poetry Month, pays tribute to Earth Day with programs exploring climate change, and honors National Autism Awareness Month with content about the latest in autism research and treatment.

UCTV broadcasts educational and enrichment programming from the campuses, national laboratories, and affiliated institutions of the University of California. UCTV delivers science, health and medicine, public affairs, humanities, and the arts to a general audience, as well as specialized programming for health care professionals and teachers. UCTV is available to almost 18 million homes nationwide via:

\* Direct Broadcast Satellite: Dish Network Channel 9412

\* Worldwide on the Internet at [www.uctv.tv](http://www.uctv.tv): Live webcast, "video-on-demand" archives, audio and video podcasts. Also available on iTunesU and YouTube

\* Cable TV: In California and across the country [www.uctv.tv/cable](http://www.uctv.tv/cable)

## **Regents adopt governance reforms**

As part of the ongoing efforts to improve the effectiveness of the university's management, operations and programs systemwide, UC Regents have also been taking a close look at themselves.

At their March meeting, the Regents adopted several reforms that will establish orientation and mentoring programs for new regents, periodic forums to discuss planning and governance issues, a process to evaluate the board's performance, and guidelines that clarify the duties and responsibilities of the board.

The Regents serve as trustees for the people of California and as stewards for the university to guide its educational, research and public service missions. In that role, the Regents approve and review major policies and programs; ensure that good planning is conducted to assess the quality and progress of university goals; fulfill fiduciary, budget and audit responsibilities; protect UC's financial and capital assets and investments; ensure adequate resources and their effective management; and foster the university's relationships with other social, educational and business enterprises.

The improvements are a product of review of the Association of Governing Boards of Universities and Colleges' recommendations on governance as well as review of best practices at other universities and the principles outlined in the recent report on restructuring the UC Office of the President.

## **Inside UCOP: Stories for and about Office of the President staff**

## **OP to cut spending, restructure work force**

Regents are expected to vote in May on a 2008-09 Office of the President budget and an aggressive restructuring plan. The reorganization of UCOP includes staff reductions, department reorganizations, spending cuts and a shift of some programs to campuses where they will fit more strategically.

By Donna Hemmila

The UC Office of the President's proposed 2008-09 budget and restructuring initiative includes a 20 percent cut in spending and a 23 percent work force reduction. More than half the budget reduction - \$26.3 million - will come through transferring programs from the president's office to campuses.

The \$203.1 million budget presented to the Regents March 19 includes \$51.7 million in cuts plus \$5 million in one-time savings and a voluntary employee separation program for a total reduction of \$56.7 million.

"We'll be smaller, and we'll spend less money," said Provost Rory Hume. "It's important we do this, so we can protect the academic work of the university."

The proposed budget cuts 404 full-time-equivalent positions from the Office of the President, a 23 percent reduction that includes 225 positions transferred to campuses and 179 positions eliminated at UCOP. When the first round of restructuring is completed in March 2009, the number of staff reporting directly to the UC Office of the President will shrink from 1,749 to 1,345, with further reductions in the 2009-10 fiscal year. Of the current 1,749 UCOP staff, only 350 directly support the Office of the President administration. The others work in important systemwide programs such as Education Abroad and other research and teaching programs.

At their March 19 meeting, Regents praised the proposed budget as a good beginning, but some indicated they expected more.

"You haven't gone far enough – a \$300 million budget is very large," said Regent Eddie Island. "We need more rigor and more than just nibbling at the margins."

Provost Rory Hume and Executive Vice President for Budget Operations Katherine Lapp, who presented the budget to Regents, both emphasized that this is just a first step in creating a new leaner systemwide administration.

The proposed budget, which Regents are expected to act on at their May meeting, includes a reduction of \$3.5 million in one-time unexpended funds and savings from a voluntary separation program. About 250 employees signed up for the voluntary separation program. They have until the end of May to make a final decision about accepting the buyout. Lapp conservatively estimates a

savings of an additional \$1.5 million after the payout of severance pay to participants.

The restructuring plan also includes a consolidation into centralized units of functions that are now spread throughout various Office of the President departments. Those include budgeting, communications and computer support. Work groups, spearheaded by Lapp and Hume, have been exploring ways to enhance UCOP's efficiency and service to the campuses.

OP employees had a chance to learn more about the restructuring at two town hall meetings held March 14 in downtown Oakland. About 200 attended a morning session at the Kaiser Center and another 300 an afternoon meeting in the Elihu Harris State Office Building. (Listen to a recording or read the transcript of the afternoon town hall presentation.)

"I was very appreciative of the candor I thought came through," said Roger Howland, OP vocational rehabilitation counselor, after one of the town hall meetings. "The proposed organizational changes make a lot of sense to me. I know the whole situation has been stressful."

Geralyn Unterberg, an executive assistant in Agriculture and Natural Resources, also said she appreciated hearing about the restructuring details.

"Nevertheless, morale is pretty low because people don't know what's going to happen to them," she said. "The people in the rank and file feel we're being asked to do so much with not many resources."

During a town hall question-and-answer session, Lapp and Hume acknowledged the difficulties OP employees are facing.

"It's a very scary time," Lapp said. "We're going to do everything possible to minimize the anxiety. There's a positive vibe starting to develop in the Office of the President. We're taking it upon ourselves to deal with the challenges – not just letting them happen to us – and that's a much better place to be."

To learn more about OP restructuring, visit [www.universityofcalifornia.edu/future](http://www.universityofcalifornia.edu/future).

Donna Hemmila is editor of Our University.

### **UC Risk Services plays it safe**

Initiatives like the successful Be Smart About Safety program are delivering millions of dollars in savings and helping decrease workplace injuries at UC campuses and medical centers. UC risk management leaders believe they have created a model program. Visit the Be Smart About Safety and Wellness Expo April 16, Franklin Street Building, 10 a.m. to 2 p.m. and April 22, Kaiser Building, 9 a.m. to noon.

By Jennifer Inez Ward

UC Risk Services has saved the university about \$101 million since 2005. The savings have come about primarily through loss-prevention programs, including the successful Be Smart About Safety initiative.

Since 2004, Be Smart About Safety has helped reduce workplace injuries by 28 percent. The savings in workers' compensation and other liability programs resulted in UC returning roughly \$31.5 million to campuses and medical centers to use for operations and safety.

"We've been very happy with the achievements of Be Smart," said Chief Risk Officer Grace Crickette. "The program has been a wonderful resource for the university community."

Be Smart About Safety provides UC campuses and medical centers with resources to support and improve worker safety programs.

"At Risk Services we've worked really hard to develop a variety of forward-thinking programs that enable the university to achieve operational benefits and cost savings," Crickette said. "We believe that by carefully monitoring university risks, focusing on loss prevention and, in the area of liability management, emphasizing cost-saving measures we've built a model program."

Marc Gomez, director of UC Irvine Risk Services, said the Be Smart About Safety program has been extremely successful.

"We've hired a full-time injury-prevention specialist, Jill Johnson, and implemented targeted injury-prevention programs, monthly safety discussions and key training with faculty, management and staff," he said.

Ergonomics is an important feature of Be Smart About Safety.

"We've used some of our Be Smart money to fund an online ergonomics training and self-evaluation program," Gomez said. "We've received a lot of positive feedback from that program."

The Risk Services division is also excited about several new programs including the UC Risk Management Leadership Council, which is made up of risk managers from all UC campuses and medical centers.

Risk Services is also tapping into technology by introducing a new software program that will enable all segments of the university to develop preparedness operations for emergencies and security events. The software tool allows for a coordinated approach during critical safety and emergency events.

Jennifer Inez Ward is a writer in the UCOP Office of Strategic Communications.

Workshops, resume consulting, career resources available  
UCOP HR department is offering classes, one-on-one resume reviews and other career development resources in recognition of the challenges associated with the restructuring effort. See for schedule:

[http://hrop.ucop.edu/jobs/career\\_services.html](http://hrop.ucop.edu/jobs/career_services.html)

## **Best Thing About My Job?**

Daryl Yamamoto, a technology support analyst on the Tech Desk, works with people and their PCs throughout UCOP.

"It's just something new for me every day," Yamamoto says. "I like being able to grow, not just individually but as a team. I think we've bonded. We're on the frontlines here. I also get to meet a lot of people in this job. I may not see them face-to-face, but when I do meet them, I know who they are."

## **Did You Know?**

- More than 117,000 students participated in UC-led academic preparation programs in 2006.
- Programs like the Early Academic Outreach Program, MESA (Mathematics Engineering Science Achievement) and the Puente Project are making a difference: 50 percent of their participants enroll at UC, CSU or a community college, compared with 25 percent of their peers.