

# Inside UCR

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## Pulling Together to Take Care of UCR Family

By Pat Murkland

For 23 years, Theron Lyon has been known on UC Riverside's campus as the guy who helps people. When he fell dangerously ill last year, it was the campus community's turn to help him.

Anda great many did.

"It was truly amazing," Lyon, 57, said after he recently returned after more than six months of sick leave to his work in Human Resources.

As benefits manager, Lyon has helped uncounted thousands of UCR employees. A certified financial planner, he also offers a rare service on a UC campus: free counseling and retirement planning. It's a role he finds especially rewarding.

"He's the most giving person I've ever met," said Mary Johnson, his longtime colleague in Human Resources. "He never does anything for himself."

The tables turned last June when Lyon was training for a planned 350-mile bicycle ride from Santa Barbara to San Diego. He already had peddled along the rest of California's coastline. He was excited about finishing the last leg of his odyssey.

Lyon always kept a bowl of vegetables on his Human Resources desk and even cycled to work now and then. He also enjoys hiking, basketball and softball. His lifestyle was all about physical fitness.

So it was a surprise when he began getting chest pains. Mysterious bruises appeared. His face yellowed with jaundice. He soon found out why — he had acute promyelocytic leukemia, a fast-moving and extremely lethal form of the blood disease.

This type of leukemia is rare, with only about 1,000 cases annually in the United States, he said. Up to about 15 years ago people who received this diagnosis were given only several months to live because effective treatment was still unknown, Lyon said. No one yet knows the cause.

At Cedars-Sinai Medical Center in Los Ange-

les, Lyon remained hospitalized for five weeks while he underwent chemotherapy, blood transfusions and other medical treatments.

His wife of 35 years, Julie, "many nights slept right by my bedside on a cot," Lyon said. "She was there."

His three daughters and three sons also were there. And so was Lyon's big UCR family.

Cards and calls began pouring in. Gift baskets. E-mails. Warm support. And it didn't let up. Johnson recalled: "24/7, we were all praying."

She said Lyon's typical selflessness showed when he was more worried about his wife's long commutes from the Riverside area to the hospital than himself. All visitors had to wear masks and take other precautions to protect Lyon's compromised immune system from infections.

As months of treatments continued and Lyon fought to regain his stamina, UCR employees never lost theirs.

"All along I had so much support and love from people," Lyon said. "It's phenomenal. It just blew me away. ... They were just there, all the time."

UCR employees organized blood drives to support Lyon. In October, a UCR team raised more than \$2,000 for research in a Leukemia and Lymphoma Society walkathon.

The UCR team's participation in the Light the Night Walk honored Lyon along with Karen Renne, a Cooperative Extension purchasing agent who is fighting multiple myeloma, Lana Conrad, a health sciences development director battling lymphoma, and her husband, Thom, diagnosed with multiple myeloma. Johnson still gets emotional when she recalls the



UCR health care facilitator Mary Johnson and disability analyst Tina Rodriguez and other UCR employees worked on the behalf of human resources, benefits manager Theron Lyon, who is fighting leukemia.

Photo by Kris Lovekin

ceremony honoring blood cancer survivors and those who have been lost.

Lyon's disease is in remission. So far, blood tests every two months show no return of the leukemia. He returned to work in early January and again is helping UCR employees plan their financial future and cope with the tough current times.

He said he wants everyone to know: "I appreciated all those who reached out and were there for support. The UCR community was amazing and my HR family went above and beyond. I am truly grateful for the outpouring of love and concern."

And Lyon is looking forward to that bike ride from Santa Barbara to San Diego, sometime in July or August.

## GSOE Dean Steven Bossert to Return to Faculty

By Don Davidson

Steven Bossert, dean of the Graduate School of Education (GSOE), will return to the faculty effective July 1.

"We are grateful for the achievements of Dean Bossert and the school's faculty, staff and students during his tenure as dean," said Chancellor Timothy P. White in an announcement to the UCR community. "Achievements include the GSOE more than doubling its extramural research funding, establishing a new graduate program emphasis [in higher education policy], hiring outstanding new faculty and passing numerous external reviews."

White also announced that Provost Dallas Rabenstein will soon begin meeting with faculty, staff and students of GSOE to solicit their ideas on transitional leadership and nominations for an interim dean. He will also consult with them about the timing and process of a national search for a permanent dean.

"I am very grateful for the opportunity to

serve the Graduate School of Education as dean since 2004," Bossert said in a message to the school's faculty and staff. "Even in the midst of California's budget crisis, GSOE has a bright future because of its talented faculty and staff. ... Sincerest thanks for your support and good will. I look forward to working with you as a professor."

Bossert joined UCR as dean of the GSOE in July 2004. He had been professor of education at Syracuse University, where he also served as dean of the School of Education from 1990-2000. His prior administrative and academic experience includes chair and professor of educational administration at the University of Utah, director of the University of Utah's state education policy center, associate laboratory director for research and development at Far West Laboratory and assistant professor of sociology at the University of Michigan.

Bossert's research interests include school and classroom organization effects, organiza-

tional processes and change, school effectiveness, policy analysis, professional development and technology. Bossert's teaching experience covers undergraduate and graduate courses in education and sociology.

He has initiated schoolwide programs to improve teaching for both faculty and graduate students, a Future Professoriate Program to mentor doctoral students who are preparing for college teaching and a campuswide study skills program for at-risk students.

He earned his B.A. from UC San Diego (Revelle College) and his Ph.D. from the University of Chicago.



Steven Bossert

## New Web Site Provides a Tool for Finding Student Scholarships

By Kris Lovekin

Faculty and staff have a new resource to help students be well-funded: a searchable Web site that offers details about who can qualify for individual scholarships offered at UCR.

The Web site, [www.scholarships.ucr.edu](http://www.scholarships.ucr.edu), lists scholarships, fellowships, prizes, awards and loan funds, the name and history of the donor, who can apply for the award and the name of a contact person.

A user can view scholarships by department, by college, by fund name or key words in the selection and guidelines. For instance, scholarships are available for prospective students, transfer students, current undergraduates and current graduate students. Not all scholarships look at grade point average. Some donors have designated certain career plans or residents of

certain areas, student leaders or even graduates of specific high schools, as their target applicant.

"Students didn't have access to a complete list of all student support funds, and now they do," said Theresa Farrell, assistant director of stewardship in the development office. "This site allows students, staff and donors access to see all the scholarships given out at UCR. The site provides biographical information on the donors and why they created the funds."

She said the site will be especially handy during these tough economic times, when fees are rising, and students and their families may have a harder time affording higher education. It connects students to new resources, and also emphasizes the generous giving that has occurred over the years at UCR.

"The history of these funds highlights many

poignant and heartwarming stories about donors and their families," Farrell said. She worked with constituent information technology and the Web team in Strategic Communication to create the site and to make it searchable.

"It took over three years to search out information on all the available funds," she said. "It was a wonderful experience to find out why UCR donors gave so generously to support students. Sometimes it was memory of a loved one or to honor a professor who changed their life. Sometimes donors give to funds because they didn't have enough money to attend college when they were young, and they want to help someone else. Some donors give because they know how invaluable an education from a prestigious institution like UCR will be to the future of a student, to the state and to society as a whole."

## School of Medicine Gets \$4 Million Appropriation

By Kathy Barton

The UCR School of Medicine will receive \$4 million as the result of an appropriation by Congress through the budget of the Department of Health and Human Services. The funds will support construction of facilities in preparation for the opening of the medical school, anticipated in fall 2012.

"This is a major step forward for the School of Medicine," said UCR Chancellor Timothy P. White. "The funding will enable us to sustain momentum on this project, which is critical for addressing the region's physician shortage and for attending to health care disparities in our diverse and underserved population. We are grateful to our federal elected representatives for their leadership to confront Inland Southern California's health care crisis."

The appropriation was included in H.R. 3288, signed by President Obama in December, which provides appropriations for a variety of federal departments, including Health and Human Services. The medical school appropriation request was made in the U.S. House of Representatives by Reps. Ken Calvert, Joe Baca, Jerry Lewis and Mary Bono Mack and in the Senate by Sen. Dianne Feinstein.

"I was pleased to work with my colleagues to help secure funding for the establishment of a medical school at UCR," said Rep. Calvert. "A medical school at UCR will help to address the severe physician shortage in Inland Southern California by training a diverse physician workforce and by developing innovative research and health care delivery programs to improve the health of medically underserved populations. UCR has a long, proud history of academic excellence and a medical school will continue that tradition in the field of medicine."

Rep. Jerry Lewis of Redlands, the senior Republican member of the California delegation and the top Republican on the House Appropriations Committee, said the current focus on health care has drawn attention to physician workforce needs. "During the discourse on the future of health care in America, it has become very clear that we must increase the number of highly trained physicians and medical professionals if we are to maintain the world's best health care system. I am proud to support the exciting new medical school coming to UC Riverside, and the funding we were able to secure is a strong indicator of how important this project is to our national needs and goals in health care."

Said Rep. Baca: "The future of the School of Medicine at UCR is of critical importance to the health and well-being of the Inland area. When completed, this institution will send more well-trained doctors into our local communities and also serve as an important engine for economic growth. I am glad to work in a bipartisan fashion with my colleagues in the House to ensure this project receives adequate federal assistance."

## Pack the House for Men's Basketball on ESPN2

The UC Riverside vs. Pacific men's basketball game on Saturday, Jan. 30, at UCR's Student Recreation Center will be broadcast on ESPN2. The game starts at 5 p.m.

Faculty, staff and students have an opportunity to pack the house and cheer the team to victory in front of a national audience. All members of the military with identification will receive free admission and can purchase additional tickets for \$5 each. Regularly priced tickets are \$10 for adults.

The Highlanders now have four regionally and nationally televised contests on their regular season schedule. The Big West Conference and its nine member institutions are also a part of the ESPN-sponsored Bracket-Busters event, which could see the Highlanders make a fifth televised appearance against a yet-to-be-determined opponent on Feb. 20.

## Getting Personal



Lisa Wilson

**Name:** Lisa Wilson

**Department:** Gift Administration

**Job:** Assistant director

**Length of employment at UCR:** 23 years this March

**My work focuses on:** My staff and I process all gifts that come to the university and the UCR Foundation. Last year, we processed more than 13,000 gifts and pledges ranging from \$1 to more than a million dollars. We also maintain information in the Raiser's Edge database, which is used campuswide to send newsletters, invitations and other communications to alumni and friends of the university.

**Things you should know:** I'm the proud mother of two great kids, Katie and Jacob. One of our favorite things to do is grab a sandwich from the Sub Station and head over to the Botanic Gardens for a picnic and exploring. We have two dogs, a cat, and a 28-year-old desert tortoise. If my daughter gets her way we'll be adding a ferret to the mix. I am fascinated by the mind-body-spirit connection. I meditate daily, practice gratitude journaling daily and love to explore various homeopathic remedies for well-being. If I'm feeling anxious or stressed, I have a few drops of passion flower extract. If I get a headache, I rub a few drops of peppermint oil on my temples. It works!

## Hays Lecture Among Highlights of Writers Week

By Bettye Miller

Lawrence Wright, a staff writer for *The New Yorker* magazine and author of the Pulitzer Prize-winning history of Al-Qaeda, will present the 42nd Hays Press-Enterprise Lecture at 7:30 p.m. Feb. 11 in the University Theatre.

The Hays Lecture comes at the midpoint of the 32nd annual Writers Week, which this year includes the program's first science fiction colloquium. Writers Week begins on Tuesday, Feb. 9, and continues through Saturday, Feb. 13.

Wright's "The Looming Tower: Al-Qaeda and the Road to 9/11" won the 2007 Pulitzer Prize for general nonfiction and other honors, among them the PEN USA Award for research nonfiction, the Los Angeles Times Book Festival Award for history and Lionel Gelber Prize, which is presented by The Lionel Gelber Foundation in partnership with the Munk Centre for International Studies at the University of Toronto and Foreign Policy magazine. He also wrote the screenplay for "The Siege," which starred Denzel Washington.

A reception and book-signing will follow on the theater patio. Reservations are requested by Feb. 4 and may be made by calling (951) 827-3144 or e-mailing [virginia.lerer@ucr.edu](mailto:virginia.lerer@ucr.edu). Complimentary parking will be available in Lot 6.

"We are pleased that the Hays Press-Enterprise lecture is an integral part of UCR's Writers Week conference this year. The lecture series has long been a distinguished forum to address issues in journalism and the media," said Maria De Varenne, editor and vice president/news of The Press-Enterprise.

The Press-Enterprise Lecture Series was started in 1966 by Howard H (Tim) Hays, then editor of The Press-Enterprise, in cooperation with UCR. Upon the sale of the newspaper in 1997 to Belo Corp., his son, Tom, endowed the lecture and the Hays name was added to the title in honor of Tim Hays. Belo Corp. and A.H. Belo Corp. have also contributed to the furtherance of the series.

Previous lecturers have included columnists James Reston and George F. Will, NBC board vice chairman

Richard Salant, CNN President Tom Johnson, and Karen House, retired publisher of the Wall Street Journal.

The Writers Week keynote speaker is Janet Fitch, a Los Angeles native best known for her novel, "White Oleander," which was an Oprah Book Club selection, has been translated into 24 languages, and was made into a major motion picture in 2000. Her second novel, "Paint It Black," was published in 2007. She will speak at 7:30 p.m. Feb. 10, in University Lecture Hall 1000.

Writers Week promises to be full of fascinating fiction authors, poets, investigative journalists, memoirists and novelists, said Michael Jayme, assistant professor of creative writing and director of Writers Week.

Writers Week activities are free and open to the public.

For the schedule or more information, contact Writers Week director Michael Jayme at [michael.jayme@ucr.edu](mailto:michael.jayme@ucr.edu) or (951) 827-4291, or visit [www.creativewriting.ucr.edu/writersweek/WW\\_2010](http://www.creativewriting.ucr.edu/writersweek/WW_2010) and [emp.ucr.edu/hays\\_lecture](http://emp.ucr.edu/hays_lecture).

## Martinez-Morales Named to Lead Solar Research Initiative

By Don Davidson

Alfredo A. Martinez-Morales has been named managing director of the Southern California Research Initiative for Solar Energy (SC-RISE).

Based at the College of Engineering-Center for Environmental Research and Technology (CE-CERT), SC-Rise is a new and unique collaboration between researchers, industry and government.

"To fulfill its mission of being a catalyst for the adoption of affordable solar energy, SC-RISE must be about education, applied technology, research and especially connections with those in Southern California who are concerned with sustainable energy," said Matthew Barth, faculty director for CE-CERT, who announced the appointment.

Martinez-Morales will be respon-

sible for the day-to-day operation of the initiative and moving forward its multiple goals. SC-RISE was created to advance solar energy technologies, train professionals for the industry, nurture new businesses and assist commercial and residential energy users in identifying appropriate applications for solar energy.

Martinez-Morales served as laboratory manager for Mihri Ozkan's Biomedical Science and Nanotechnology Laboratory, which focuses on silicon photovoltaics and low-cost, hybrid polymer-carbon nanotube solar devices that can be deposited on flexible or hard surfaces.

Martinez-Morales has written or co-written numerous research articles on nanowire arrays, quantum dots and other findings in the fields of nanoelectronics and photovolta-

ics. He has received several research honors and fellowships, including the UC Dissertation-Year Fellowship.

Martinez-Morales will be among the presenters at a symposium presented by the Inland Empire Chapter of the U.S. Green Building Council and hosted by the Bourns College of Engineering on Feb. 9. The symposium will promote low-cost energy upgrades and renewable energy improvements in the Inland Empire and demonstrate ways property owners can increase energy efficiency under California Assembly Bill 811. The bill permits property owners to obtain low-interest loans to add sustainable energy technologies or energy-efficient retrofits to their properties. Information on the symposium is available on the CE-CERT Web site at [www.cert.ucr.edu](http://www.cert.ucr.edu).

## Awards & Honors

### CAREER Award

**Elizabeth Cochran**, an assistant professor in the Department of Earth Sciences, has been awarded a five-year National Science Foundation CAREER grant of nearly \$500,000 for her work on the Quake-Catcher Network (QCN), a transformative approach to earthquake detection, science, and outreach.



Elizabeth Cochran

A CAREER award is a prestigious honor recognizing the early career development activities of scholars most likely to become the academic leaders of the 21st century.

QCN is a distributed computing seismic earthquake research network that links internal or external accelerometers connected to any partici-

pating computer. The objective of QCN is to dramatically increase the number of seismic observations by exploiting recent advances in sensing technologies and cyberinfrastructure.

According to Cochran, this approach will enable the creation of the world's largest and lowest-cost seismic network to explore earthquake fault rupture and the ground response to seismic wave passage by leveraging innovative cyber-enabled seismic data.

### Lau First PECASE winner

**Chun Ning (Jeanie) Lau**, an associate professor of physics, received a 2009 Presidential Early Career Award for Scientists and Engineers (PECASE) on Jan. 13 at a ceremony in the East Room of the White House. President Barack Obama greeted Lau and the other 99 recipients of the PECASE, the highest award bestowed

by the U.S. government to scientists and engineers in the early stages of their careers. The White House Office of Science and Technology Policy selected the awardees.

Lau is the first PECASE winner at UCR. In 2008 she received a CAREER award from the National Science Foundation, enabling her to experimentally investigate the electrical properties of graphene coupled to normal and superconducting electrodes. Besides graphene, Lau studies nanowires and carbon nanotubes. Her other research interests include superconductivity, thermal management and electronic transport in nanostructures, and engineering new classes of nanoscale devices.



Chun Ning (Jeanie) Lau

## Who Says?

*"Jihadism is a social movement. It functions very much in the same way that other global social movements, say, for instance, the anti-globalization movement or the radical environmental movement works. It provides an alternative identity to its followers. And the followers tend to be young."*

**Reza Aslan**, assistant professor of creative writing, on jihadism and the intellectual faculties of jihadists who motivate their social movements and detract from their agendas in the eyes of opposing Muslim social groups.  
NPR.ORG

*"When you have pastors thinking of themselves as CEOs, it's hard to tell the difference between a pastor and P-Diddy."*

**Jonathan Walton**, assistant professor of religious studies on the attractiveness of mega churches to young people.  
CNN

*"Prior to the series, García Márquez had been writing somewhat amateurish short stories. Now, he was rising to the challenge of constructing a lengthy narrative. The ability he has to maintain a level of suspense throughout is something that later became a powerful element of his novels."*

**Raymond Williams**, professor of Spanish, on the impact that novelist and journalist Gabriel García Márquez has had on literary evolution.  
COLUMBIA JOURNALISM REVIEW

*"Spending your limited money on experiences, things that help us make connections — time with friends, a French class, traveling with family — tends to have a much larger impact on happiness than spending money on mere material possessions, such as dining room furniture or new kitchen cupboards."*

**Sonja Lyubomirsky**, professor of psychology, on the affects of material wealth versus quality time on overall happiness.  
THE HOOK

To become a media source or to announce upcoming published research or an award, contact the Office of Strategic Communications at (951) 827-6397 or (951) UCR-NEWS or [insideucr@ucr.edu](mailto:insideucr@ucr.edu).

## Did You Know?

Want to know who is saying what about UCR?

In the News is a daily e-mail report about recent media coverage of UCR. It offers a headline and a link to get to the full story on the Web. It is available to any interested person. To subscribe just enter an e-mail address at [inthenews.ucr.edu/subscribe.html](http://inthenews.ucr.edu/subscribe.html).

## Former Dean Opens BCOE Lecture Series

By Don Davidson

The future of science and engineering education was the subject of the first lecture in the series "Engineering Opportunities and Challenges: The Next 20 Years," which celebrates the 20th anniversary of the founding of the Bourns College of Engineering.

Beginning the series on Jan. 13 with her talk, "Inspiration for a New Generation," was Susan Hackwood, founding dean of BCOE and current executive director of the California Council on Science and Technology. Following Hackwood was Jeffrey Rudolph, director of the California Science Center in Exposition Park in Los Angeles, who described the experiential programs of the Science Center.

BCOE Dean Reza Abbaschian introduced the speakers by describing the origins of BCOE, which is "about as old as our students," he said. He noted that when the college was founded in 1989, the Hubble telescope had just been launched, the first President Bush signed the Clean Air Act and gasoline was \$1.16 per gallon.

Hackwood took a brief look back at her experience as founding dean of the college, which began with 14 students its first semester. Today, it numbers more than 2,000. "It was the most terrific opportunity of my life," she said.

"Engineering translates science into things that are important for society," she said. Her love for invention and for engineering was inspired in part by her former colleague, physicist and Nobel laureate Arno Penzias. "He used to tell us he didn't want to see POTS, he wanted to see PANS. POTS stood for 'plain old telephone system,' while PANS were 'pretty amazing new stuff.'"

Her advice for the future of edu-

cation in science and engineering was to do a better job of communicating its positive impact on society. Over the past few decades, the negative impact on the environment resulting from technology means that engineering has "often been seen as a menace to society," she said. "We don't revel in the beauty and the creativity that is ours. We are special creatures.

"What is the message we give the next generation? We view the beauty of the natural environment with awe and wonder and inspiration, but we have much less ability to look at man-made things like a skyscraper or cathedral — made by engineers — in the same way."

Rudolph echoed Hackwood's concerns by pointing out that by 2012, the U.S. will educate only about half of the people needed for jobs relating to computers and information technology.

He described the value of the out-of-school museum experience as a vital tool to "complement, reinforce and advance classroom learning." He noted that research shows 75 percent of parents who took their children to the center said it gave their children an advantage in life. The most-visited museum in Southern California, the California Science Center attracted 1.4 million visitors last year.

The next lecture, on Feb. 17, will feature Jeannette Wing of the Directorate for Computer and Information Science and Engineering at the National Science Foundation. She will discuss "Frontiers in Computing Research and Education: A View from the National Science Foundation." The lectures are free and open to the public. All will be held at 3 p.m. in Engineering Building II, room 205/206. The complete schedule is online at [www.engr.ucr.edu/anniversary.html](http://www.engr.ucr.edu/anniversary.html).

## Research & Scholarship

### Ganim Lectures in Australia

**John Ganim**, professor of English, was a panelist at the "Medievalism, Colonialism, Nationalism" symposium at the University of Wollongong, Australia, on Jan. 18. He presented "Cosmopolitanism and/or Medievalism" in the panel discussion, "The Politics of Medievalism."



John Ganim

### UCR Hummingbirds on PBS

Research on avian flight by **Douglas Altshuler** was featured in the program "Hummingbirds: Magic in the Air" on the PBS show "Nature" on Jan. 10.

The hourlong episode included a segment that showed how Altshuler tests the limits of hummingbirds' aerial agility in his lab. The segment also showed high-speed footage, taken by high-tech cameras, of hummingbirds in flight.

"My lab is interested in understanding the aerodynamics of avian flight, the underlying neurobiology that makes such flight possible and the evolution of avian flight mechanisms," said Altshuler, an assistant professor of biology. "Hummingbirds, which fly like insects but think like birds and other vertebrates, provide an excellent model for exploring these topics."

Ann Prum, the award-winning filmmaker who made "Hummingbirds: Magic in the Air," chose to include Altshuler in the documentary because of his work on hummingbird flight.

"I was looking for stories that showed how new science and new technologies are showing us the hummingbird in a new way," she said. "Doug's work with high-speed cameras and computer analysis of flight allows us to really break apart how the hummingbird goes about its aerial acrobatics. His work is crucial to our understanding of how hummingbirds perform their amazing flight maneuvers."

Hummingbirds are the smallest warm-blooded creatures on the planet. One of nature's most accomplished athletes, they can hover, fly backwards and even fly upside down. See a video at [www.pbs.org/wnet/nature/episodes/hummingbirds-magic-in-the-air/video-incredible-agility/5441/](http://www.pbs.org/wnet/nature/episodes/hummingbirds-magic-in-the-air/video-incredible-agility/5441/)

### Play Reflects Experiences of Discrimination

**Carlos Cortés**, professor emeritus of history, presented his one-man play "A Conversation with Alana: One Boy's Cultural Rite of Passage" at La Sierra High School on Jan. 12 as the Inlandia Institute launched an effort to bring Southern California authors into area schools. His appearance was co-hosted by Latinos Working Together.



Carlos Cortés

The play — part narrative, part flashbacks and part conversation with his daughter Alana, who is symbolized by an empty chair on stage — presents his story of growing up as a young man of mixed ancestry in racially segregated, religiously divided, early post-World

War II Kansas City, Mo. He has presented the play at more than 100 universities, conferences and community events across the country in the last five years.

Cortés is the creative/cultural advisor of Nickelodeon's Peabody Award-winning children's TV series "Dora the Explorer" and "Go, Diego, Go!"

### Book Addresses Patient Behavior

Health care practitioners often struggle to create a systematic plan to help their patients make the behavioral changes necessary to control chronic illnesses or to practice preventive care.



Robin DiMatteo

**Robin DiMatteo**, distinguished professor of psychology, and two of her former graduate students — **Leslie R. Martin**, a research psychologist at UCR and professor of psychology at La Sierra University, and Kelly B. Haskard-Zolnieriek, assistant professor of psychology at Texas State University, San Marcos — have written a new book, "Health Behavior Change and Treatment Adherence: Evidence-based Guidelines for Improving Healthcare" that gives health care professionals tools to help patients make important behavioral changes and improve adherence to medical regimens.

They analyzed more than 50 years of research to develop a practical guide for a wide range of health professionals hoping to improve health outcomes. The book also will be helpful to researchers who study health behavior and adherence, DiMatteo said, and to individuals who want to be more proactive in their own health.

DiMatteo said the book offers a method, based on empirical research, by which health care providers can help patients understand what they need to do, persuade them to change their behavior, and overcome barriers to change.

### Do Ethicists Steal More Books?

A study by **Eric Schwitzgebel** published in *Philosophical Psychology* in last December found that a philosophy book not on library shelves is anywhere from 50 percent to 150 percent more likely to be missing if it is an ethics book.

Schwitzgebel, an associate professor of philosophy, said the paper — "Do Ethicists Steal More Books?" — aimed to provide the first non-anecdotal, empirical data directly on the question of whether professional ethicists behave any better than non-ethicists.

He examined data regarding ethics and non-ethics books in philosophy in 13 U.S. and 19 British academic library systems — including UCR and five other UC campuses — to determine whether specific titles were missing. Ethics books were about 50 percent more likely to be missing than non-ethics books in philosophy, if they were off the shelf.

A second study examining prominent pre-20th century philosophy texts found that ethics books were twice as likely to be missing as non-ethics books.

Schwitzgebel wrote that the data is consistent with a model of

explicit moral cognition that is bivalent. "Although in certain conditions it promotes moral behavior, in other conditions it undermines morality — for example, when it either supports or becomes rationalization, that is, the deployment of explicit reasoning to justify a pre-determined and normally self-serving conclusion. Rationalization may be especially likely when conventional norms and ordinary behavior are both morally good and contrary to self-interest — as in the case of the return of library books."

### Swanson Organizes Conference

Professor of sociology **David Swanson** served as program organizer of the 2010 Applied Demography Conference held in San Antonio, Texas, Jan. 10-12.

Swanson also organized and chaired a conference panel, "Expert Witness Work and the Applied Demographer"; chaired a panel discussion on the 2010 Census; co-authored a paper, "The Urban-Rural Gradient and Life Expectancy in the United States, 1970-1990," presented in a discussion of "Applied Demography and Rural Areas"; and was a discussant on another panel, "Administrative Records and Population Information."

A longtime advisor to the U.S. Census Bureau, Swanson chairs the Census Advisory Committee of Professional Associations, which advises the Census Bureau on issues related to improving the accuracy and reliability of the enumeration process. The committee's 40 members represent four national organizations of demographers — the American Marketing Association, the American Statistical Association, the Population Association of America and the American Economic Association.

### Speaking of Spider Silk

Biologist **Cheryl Hayashi**, who studies spider silk, has been invited to present at the prestigious TED Conference. The annual conference is held Feb. 9-13 in Long Beach.

TED, which covers topics in science, business, the arts and the global issues facing the world, started in 1984 as a conference bringing together people from technology, entertainment and design.

Hayashi's talk on spiders and their silks is scheduled for Feb. 10. She is one of about 50 speakers at TED2010. Other speakers include singer and activist Sheryl Crow, philanthropist Bill Gates, chef Jamie Oliver, neuroscientist and philoso-

pher Sam Harris, comedian Sarah Silverman, autism activist Temple Grandin and the writer Michael Specter.

Hayashi said she decided to participate in this year's conference because of the opportunity,

"It's worth our time, I think, to step outside of what we usually do and expand our horizons," she said. "This conference also allows me to contribute to a larger conversation about discovery with scientists and nonscientists."

### The Philosophy of Mathematics

**Erich Reck**, associate professor of philosophy, has been awarded a \$142,922 grant by the National Science Foundation to further his research on 19th-century German mathematician Richard Dedekind.

Dedekind was one of a handful of mathematicians who helped transform mathematics from the study of numbers and quantity to the much more general study of relational structures. The significance of his contributions to the early development of set theory and abstract algebra has not been studied systematically, however, Reck said. Those theories connect to modern logic, which influenced the development of computer science, among others.

"The 19th century was an interesting period of fruitful collaboration between philosophers and mathematicians, the kind of collaboration that has gotten lost a little in recent years," he said. "It was a period of time when the traditional view of mathematics as numbers and quantity was replaced by a much more abstract way of thinking. Dedekind was a central figure in that shift."

Philosophers of science and mathematics do not set out to prove new theorems, Reck explained. Rather, they ask more general questions: How exactly should we think about new scientific ideas? What is their bigger significance? For example, the development of abstract mathematics produced a new vocabulary of mathematical symbols, which prompted philosophers to explore new ideas about language more generally.

Reck plans to write a monograph on Dedekind and his trailblazing contributions.

"The main outcome of this project will be a case study in the history and philosophy of mathematics," he said. "However, several of the issues addressed in it — the relationship between methodological

and metaphysical views in science, the notions of explanation and understanding, the intertwining of conceptual continuity and change — have significance beyond mathematics, for human knowledge as a whole."

### Army Network Science Research

UCR Professor of Computer Science **Michalis Faloutsos** has been awarded \$1.5 million over five years by the Army Research Laboratory (ARL) to help create a collaborative technology alliance in network science.



Michalis Faloutsos

Faloutsos will be among 30 university and industrial labs comprising the Interdisciplinary Research Center (IRC) to be established at the Raytheon BBN Technologies headquarters in Cambridge, Mass. Called the ARL Network Science Collaborative Technology Alliance (NS CTA), the consortium will examine communication, information, and social and cognitive networks and will be responsible for transitioning new technologies to the Department of Defense.

"The NS CTA will be the world-leading research organization in the new field of network science," Faloutsos explained. "It is the study of the properties, models and theories that apply to all varieties of networks and the use of this understanding in the analysis, prediction, design and control of all varieties of networks."

"My focus is integrating and guiding the research across the center on understanding fundamental properties of large complex systems, such as communication networks, human interactions, online and Web-based communities, and developing methods to model and predict their evolution."

The NS CTA is a consortium of four research centers: an Academic Research Center (ARC) focused on social/cognitive networks, an ARC focused on information networks, an ARC focused on communications networks (which includes UCR researchers **Srikanth Krishnamurthy** and **Neal Young**) and an IRC that integrates research across the consortium and transitions technology to the Army.

Faloutsos' funding from the ARN is potentially renewable for an additional five years.

## Stem Cell Core Facility Holds Grand Opening

By Iqbal Pittalwala

Stem cell research at UCR is about to gather speed thanks to the new Stem Cell Core Facility (SCCF) — a shared facility providing infrastructure, equipment and trained personnel for doing stem cell research that ordinarily would not be available in most laboratories. The SCCF, located in Noel Keen Hall, will have its grand opening from 1 to 5 p.m., Friday, Jan. 29.

The celebration will include tours of the labs, demonstrations of the facility's new equipment, posters on stem cell research being done at UCR, information on how to get started in stem cell research, and contests with prizes for the best posters and images. Several vendors will demonstrate their products and provide food. Most of the activities will be centered in the first floor of the Biological Sciences Building, the first floor of Batchelor Hall, the Keen Hall foyer and the adjacent courtyard.

"We are the only such core facility in the Inland Empire," said Prue Talbot, the director of the Stem Cell Center and the SCCF. "Such a facility was needed on campus to give

an opportunity to UCR researchers who are interested in doing stem cell research but who don't have a facility for it. The facility also greatly benefits labs on campus that are already doing research on stem cells but don't have the type of expensive equipment that the SCCF has."

The SCCF was funded primarily by a grant from the California Institute for Regenerative Medicine. The \$2.8 million grant helped construct the 2,000-square-foot facility, purchase state-of-the-art equipment, and manage day-to-day operations.

Talbot expects the SCCF to produce breakthroughs in stem cell research at a much faster pace than before, assisted by its Nikon BioStation — an incubator with a powerful microscope that already has generated useful data in conjunction with video bioinformatics. UCR is



Chee Duncan Gee Liew and Kai zur Nieden, key staff at the Stem Cell Core Facility, stand beside the Nikon BioStation. Photo by Sara Clausen

the first institution in the country to purchase the Nikon BioStation technology.

Approximately 10 laboratories on campus will use the SCCF. The facility is available to all scientists not just those at UCR. Users will be charged for supplies at a fair price.

Chee Duncan Gee Liew, the academic coordinator of the SCCF, manages the Core's operation. Kai zur Nieden handles all its business-related matters and assists with technical procedures.

Chancellor: Timothy P. White

Associate Vice Chancellor for Strategic Communications: Marcia McQuern

Editor: Kim Lane

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## Conference Illuminates Issues of Race through Music

Scholars from Brazil and the United States will explore the role of race and ethnicity in Brazilian music from colonial times to the 21st century, both classical and popular, at the Encontro Brasileiro Conference on Feb. 4.

The one-day conference, "Rethinking Race and Ethnicity in Brazilian Music: 1600-Present," is scheduled from 9:30 a.m. to noon and from 2 to 5 p.m. in the Arts Building Performance Lab, Arts 166. It is free and open to the public.

Conference coordinator Rogerio Budasz, associate professor of music, said musicologists, ethnomusicologists, historians and anthropologists were invited to discuss how race and ethnicity play a crucial role in the history and development of Brazilian music, culture, society and identity. Among the presenters are Budasz and Walter Clark, professor of music and director of the Center for Iberian and Latin American Music, which organizes the annual Encuentros/Encounters celebrations of Iberian or Latin American music and academic research.

Future Encuentros/Encounters will explore the music of tango and flamenco. After the conference, papers will be published in *Diagonal*, the online journal of the Center for Iberian and Latin American Music. Previous conferences coordinated by Clark have dealt with Spanish music in the time of Goya, the Mexican sons, music and politics in the Andes, Hispanic music of the Philippines, and music in the California Missions.

The UCR Center for Iberian and Latin American Music was established in 2004 to foster research and performance in an inter-



Leandro Joaquim, "Vista da Lagoa do Boqueirao e do Aqueduto de Santa Teresa." Oil on canvas, c1790. Rio de Janeiro, Museu Historico Nacional.

disciplinary spirit, embracing the entire musical heritage of Iberia and Latin America.

Encuentros/Encounters 2010 is organized by the UCR Center for Iberian and Latin American Music and made possible with financial support from the UCR Center for Ideas and Society, the College of Humanities, Arts, and Social Sciences, and the Department of Music.

For more information contact Kathleen DeAtley, program promotions manager, at (951) 827-3245 or [kathleen.deatley@ucr.edu](mailto:kathleen.deatley@ucr.edu).

## EVC/Provost Candidates to Explain Vision for the Campus

The campus community will have an opportunity to meet the candidates for the position of executive vice chancellor and provost at a series of forums in the coming two weeks at the HUB.

Each candidate will share a vision for the campus in one forum and offer a description of their research in a second forum. Each seminar will include a question-and-answer period, and these forums will be Web cast, said Holly Evans, human resources recruitment services manager.

The candidates in order of their campus visits are:

### Robert J. Sternberg

School of Arts and Science, dean, Tufts University

- Vision Seminar and Campus Forum: Thursday, Jan. 28, 3:30–5:30 p.m., HUB 355
- Research Seminar: Friday, Jan. 29, 8–10 a.m., HUB 269

### Susan Jeffords

Vice chancellor for academic affairs, University of Washington, Bothell

- Vision Seminar and Campus Forum: Feb. 1, 3:30–5:30 p.m., HUB 355
- Research Seminar: Feb. 2, 8–10 a.m., HUB 269

### Elizabeth Langland

Vice president at West Campus and dean of the New College of Interdisciplinary Arts and Sciences, Arizona State University

- Vision Seminar and Campus Forum: Feb. 4, 3:30–5:30 p.m., HUB 302 North
- Research Seminar: Feb. 5, 8–10 a.m., HUB 269

More information, including a curriculum vitae for each candidate, is accessible via the Executive Searches Web site at [provost.ucr.edu/searches/evc.html](http://provost.ucr.edu/searches/evc.html).

Individuals can submit confidential comments regarding the candidates by writing iHolly Evans at [holly.evans@ucr.edu](mailto:holly.evans@ucr.edu).

Comments should be submitted by the end of the day on Feb. 15.

## Show Your Homecoming Spirit: Decorate Your Office

Staff Assembly will hold its annual "Homecoming Office Decorating Contest," an event designed to celebrate the role of staff at UCR.

While there is no theme, décor is strongly encouraged to reflect UCR pride, said Scott Silverman, coordinator of first-year programs in Student Life.

The contest is open to staff and students working in UCR offices. Staff Assembly will supply the decorations to competitors who notify and R.S.V.P. with Staff Assembly by Jan. 27.

Winners will be determined through an online judging process, by which pictures of offices will be submitted by competitors. The pictures must be submitted by noon Feb. 5 and winners will be chosen by Feb. 12. Homecoming starts on Feb. 8 and runs throughout the week.

Winners will be grouped in two categories; a student favorite and a department staff favorite. The criteria are originality, artistic design and creativity, spirit and enthusiasm.

The winners will receive a certificate, a UCR spirit basket and a catered breakfast. An additional four runner-up offices will receive honorable mention and a pizza party.

The contest is an excellent way for staff to celebrate their pride in UCR, said Silverman.

"It is the most visible way for staff to be involved in homecoming," he said.

To R.S.V.P., contact Staff Assembly at (951) 827-5694. Information is available online at [www.staffassembly.ucr.edu](http://www.staffassembly.ucr.edu).

## Lecture Explores Changing Environment of Women Workers

Mily Treviño-Sauceda, founder and former executive director of Organización en California de Líderes Campesinas Inc. (Líderes Campesinas), will discuss various issues affecting farm workers, women and labor, women's health and health disparities, pesticides and environmental issues on Wednesday, Feb. 10, from noon to 3 p.m. in Humanities 1500.

Her talk, "Campesinas Movement and the Power of the Collective," is part of the Jane Block Distinguished Lecture Series presented by the Department of Women's Studies.

Treviño-Sauceda was an agricultural and migrant worker by the age of 8, and became a farm worker organizer for the United Farm Workers union.

She was the founder and first president of Mujeres Mexicanas (Mexican Women), which was formed in 1988 in the Coachella Valley as the first organized effort of Latina farm workers in California to address social, economic and political injustices.

## Applications Sought for Staff Advisor to the Regents

UCOP is seeking applicants for the next staff advisor-designate to the regents. The position's term runs July 2010 through June 2012.

Through the staff advisor program, now in its fifth year, two staff and/or non-Senate academic employees participate in open sessions of designated committees of the board. The staff advisors bring the voice and perspective of staff and non-Senate academic employees to board deliberations. The current staff advisors to the regents are Edward L. Abeyta, director of K-16 programs at UC San Diego Extension. His two-year term will expire in June. Juliann Martinez, director of gift management at UC Berkeley, joined the board in July 2009. Her term will continue through July 2011.

"Given the breadth of challenges facing the university, it's more important than ever to have the perspective of UC staff on the board," Martinez said. "As a staff advisor, you can have a real impact in guiding UC forward during this critical time."

Applications will be accepted from Jan. 15 through March 1, 2010.

Employees can learn more about the program at [www.universityofcalifornia.edu/staffadvisors](http://www.universityofcalifornia.edu/staffadvisors) and through local human resources offices. Questions about the staff advisor position or the application process should be directed to Howard Pripas, director of employee relations, at (510) 987-0196 or via e-mail to [Howard.Pripas@ucop.edu](mailto:Howard.Pripas@ucop.edu).

## Upcoming Exhibit Explores Adams' Fiat Lux

The California Museum of Photography will unveil its newest exhibition, "Ansel Adams at Work: The Fiat Lux Commission" on Feb. 6 and will continue through May 8.

The exhibit showcases photographs that Ansel Adams created in 1963. Known as the Fiat Lux project, he was paid \$75,000 to commemorate the then-nine campuses of the UC system.

The commission came from then UC president Clark Kerr, who wanted the book to bear as its title the university's motto, Fiat Lux.

Kerr wanted to create the book to commemorate the University of California's centennial in 1968.

Admission is \$3 for the general public and free to members, students, and seniors. The California Museum of Photography is located at 3824 Main St., Riverside. Information is available at [artsblock.ucr.edu](http://artsblock.ucr.edu).

## Campus Calendar

### Ongoing

**Exhibition:** "The End of Film: The Brief History of Digital Cameras 1987-2009," documents the transformation of photographic technology during the last 20 years and recapitulates, at an exponential scale, what occurred during photography's previous 163-year history. The exhibit demonstrates ways in which the digital camera created a medium that now occupies the center of modern communication, journalism and social interaction. The exhibit runs through Jan. 30.

**Exhibition:** "Intelligent Design: Interspecies Art" is a group exhibition of 20 international artists exploring human interaction with animals through a collection of provocative video installations, photographs, paintings and sculptures. The exhibit runs through Feb. 6.



Intelligent Design

The UCR/CMP is located at 3824 Main St., Riverside. Information: [www.artsblock.ucr.edu](http://www.artsblock.ucr.edu).

### January

#### 27 Wednesday

**Lecture:** Timothy Rice, "What and Where Is Theory in Ethnomusicology?" 12:10-1 p.m., ARTS 157 Music Rehearsal Hall. Free. Information: [www.music.ucr.edu](http://www.music.ucr.edu).

**Screening:** "Diagnosing Difference" film screen-

ing and panel discussion, 7-9 p.m., HUB 355. Free. Information: [www.out.ucr.edu](http://www.out.ucr.edu).

### 28 Thursday

**Screening:** "Dung Dot [Don't Burn]" with director Dang Nhat Minh, 5-8 p.m., University Village Theatre. Free. Information: [www.seatrip.ucr.edu](http://www.seatrip.ucr.edu).



Dung Dot [Don't Burn]

**Performance:** "Intimate Apparel," a play by Lynn Nottage, 8-10 p.m., ARTS 113 Studio Theatre. \$14 general, \$12 students/seniors. The performance runs through Jan. 30. Information: [www.theatre.ucr.edu](http://www.theatre.ucr.edu).



Intimate Apparel

**Concert:** Student-run health clinic winter concert fund raiser, 8:30-10:30 p.m., The Barn. Free. Information: [www.rside.ucr.edu/barnseries](http://www.rside.ucr.edu/barnseries).

### 29 Friday

**Colloquium:** "Dung Dot [Don't Burn]" discussion with director Dang Nhat Minh, noon, CHASS INTS 1113. Free. Information: [www.seatrip.ucr.edu](http://www.seatrip.ucr.edu).

**Performance:** inkBoat: "Milk Traces," 8-9:30 p.m., University Theatre. \$30 general; \$28 alumni, faculty, staff, and seniors; \$15 student. Information: [www.culturalevents.ucr.edu](http://www.culturalevents.ucr.edu).

### February

#### 1 Monday

**Concert:** Weekday Carillon Recitals: Winter 2010, noon-1 p.m., UCR Bell Tower. Free. The concerts

are held every Monday through March 8. Information: [www.belltower.ucr.edu](http://www.belltower.ucr.edu).

**Colloquium:** Back Track Dance: Michelle Heffner Hayes, 4:10-5:30 p.m., PE 102 Dance Studio Theatre. Free. Information: [www.dance.ucr.edu](http://www.dance.ucr.edu).

**Enrichment:** Adobe Photoshop CS4 Workshop, 6:30-8:30 p.m., UCR Extension Center. \$170. The workshop runs through Feb. 8. Information: [www.extension.ucr.edu](http://www.extension.ucr.edu)



Adobe Photoshop Workshop

### 3 Wednesday

**Lecture:** The Science of Evolution Lecture Series: Life, the Earth and the Universe, 6-7:30 p.m., UCR Palm Desert B100, Auditorium. Free. Information: [www.palmdesert.ucr.edu](http://www.palmdesert.ucr.edu).

### 4 Thursday

**Conference:** Encontro Brasileiro Conference, 9:30 a.m.-5 p.m., ARTS 166 Performance Lab. Free. Information: [www.music.ucr.edu](http://www.music.ucr.edu).

**Seminar:** How To Be a Good Trans Ally, 5-6 p.m., HUB 355. Free. Information: [www.out.ucr.edu](http://www.out.ucr.edu).

**Screening:** Trans/Giving Film Festival and Dialogue, 7:30-9 p.m., HUB 355. Free. Information: [www.out.ucr.edu](http://www.out.ucr.edu).

**Concert:** FPS Presents: Open Mic Night @ The Barn, 8:30-10:30 p.m., The Barn. Free. Information: [rside.ucr.edu/barnseries](http://rside.ucr.edu/barnseries).

### 6 Saturday

**Enrichment:** Introduction to Getting Published, 10 a.m.-5 p.m., UCR Extension Center. \$105.

Information: [www.extension.ucr.edu](http://www.extension.ucr.edu).

**Conference:** Tom Hill, Workshop on Constructivism in Moral Philosophy, 1-5 p.m., HMNS 1500. Free. Information: [www.philosophy.ucr.edu](http://www.philosophy.ucr.edu).

**Concert:** UCR Orchestra, 8-9:30 p.m., University Theatre. \$10 General, \$8 Students/Seniors, \$6 Children. The concert runs through Feb. 7. Information: [www.music.ucr.edu](http://www.music.ucr.edu).



Getting Published

### Homecoming 2010: Mark Your Calendar

Homecoming week opens at noon on Feb. 8 with a kick-off celebration at the bell tower and Pierce lawn.

On Feb. 13, show your Highlander spirit at UCR's pep rally on Aberdeen Drive, featuring Scotty and the Highlander band, the Highlander girls, and a Pipe Band procession into the homecoming basketball game. Celebrate with food, games and a beer garden from 2 to 4:30 p.m. Meals are available for purchase. The game against Cal Poly San Luis Obispo starts at 5 p.m. in the Student Recreation Center.

Information and a complete list of other homecoming events are available at [www.homecoming.ucr.edu](http://www.homecoming.ucr.edu).

For the most up-to-date information on these and other events view the UCR Calendar at [www.events.ucr.edu](http://www.events.ucr.edu).