

UCR

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The Future of Privacy Page 10

UCR's Ninth Chancellor, Kim A. Wilcox

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Tiffany Hawk, M.F.A. '10, is flying high with her first novel

What's New?
MAGAZINE.UCR.EDU

We're very excited to present a brand-spankin' new website this issue. Aside from the PDF and Issuu version you've come to love, you can now read and share your favorite stories on your social networks, watch videos and give us your feedback at magazine.ucr.edu.

HAPPENINGS



culvercenter.ucr.edu/exhibition/zoecrosher
“Zoe Crosher: The Further Disbanding of Michelle duBois”
 Through 11.9

“Zoe Crosher: The Further Disbanding of Michelle duBois” is the first major solo museum presentation of “The Michelle duBois Project” on the West Coast. The “Project” is a body of work by Los Angeles-based artist Zoe Crosher. Mining the personal archive of a woman who obsessively photographed herself in the 1970s and 1980s, Crosher re-contextualizes the source material as a way to examine the fiction of documentary, the end of analog and the impossibility of knowledge.



out.ucr.edu
Transgender Remembrance Display
 11.18

The LGBT Resource Center honors the 15th annual National Transgender Day of Remembrance (Nov. 20) with a display memorial to commemorate each of the 400 known victims of transgender-related violence.



gcr.ucr.edu
Citizens University Committee Breakfast Meeting
 11.20

The Citizens University Committee consists primarily of Riverside business and civic leaders. Founded in 1946 specifically to lobby the legislature to choose Riverside as the site for a new UC campus, it has been active for more than 60 years. Today it functions as a campus support group that advocates on behalf of the university and raises scholarship funds for UCR undergraduates.



culvercenter.ucr.edu/Exhibition/Different-Particles
“Different Particles & Indeterminate States: New Monumental Drawings by Amy Myers”
 Through 11.23

Myers uses charcoal, graphite and ink on paper to make intricate, monumental drawings that merge the microcosmic with the macrocosmic in a visionary blending of art, mathematics and physics. Myers links sensuous materiality with an intellectual rigor, exploring through evocative drawings the illusive terrain of the most profound scientific explorations.



gcr.ucr.edu
The Affiliates of UCR Luncheon Meeting
 12.2

The Affiliates of UCR is an organization for individuals who want to contribute to the university and its cultural and academic activities. The group provides scholarships to UCR students. Bimonthly luncheon meetings held at the University Extension Center feature various speakers from the campus community. Registration is required to attend.



artsblock.ucr.edu/Performance/Friction-Quartet1
Friction Quartet
 12.4

The Friction Quartet is a collective of adventurous musicians devoted to today’s musical zeitgeist and its accessibility through multimedia collaborations. The group’s residency at the Culver Center of the Arts includes an exciting master class, open to the public, where UCR student composer works will be read and workshopped.



recreation.ucr.edu
Market Day
 12.6

Shop for holiday gifts from more than 50 vendors selling a variety of items such as crafts, clothing, candles, photographs, jewelry and much more.



culvercenter.ucr.edu/Exhibition/Sentry
“Sentry: Works by Joe Biel”
 12.21-3.22

“Sentry” is a solo museum exhibition featuring a series of large-scale, two-dimensional drawings on paper, and a monumental drawing installation specifically produced for the Culver Center of the Arts. Working primarily with watercolor, graphite and colored pencils, Biel’s figurative drawings are loosely composed in panoramic landscapes with latent narratives that tamper with the complexity and irony of human existence.



culvercenter.ucr.edu/Exhibition/More-American-Photographs
“More American Photographs”
 Through 1.11.14

As the United States slowly emerges from its most significant economic downturn since the Great Depression, the California Museum of Photography at UCR ARTSblock will present a selection of photographs from the well-known Farm Security Administration (FSA) program (1935-1944). For “More American Photographs,” 12 contemporary photographers were commissioned to travel the United States, documenting its land and people. This exhibition will present the resulting photographs alongside a number of the original images by the FSA photographers.

Building New Traditions



When I was confirmed as the ninth chancellor of UC Riverside in August, it was, for me, a personal career milestone. But for the campus, it was simply one more moment in over a century of service to the state, nation and world.

One of the reasons I was attracted to UCR is because I believe that our campus is living the values of a “land grant” campus as well as — or better than — any in the nation. Indeed, Washington Monthly recently ranked UCR No. 2 in the country for contributing to the public good, the underlying premise of all land grant institutions. And in so doing, UCR is expanding the definition of what it means to be a land grant university and building new traditions to fulfill our teaching, research and service mission.

Today, UCR is creating, extending and delivering new knowledge across an impressive array of disciplines. Each is made stronger by being part of a great public research university. New ways of viewing our world have opened previously unknown opportunities for us to advance our understanding of our universe, and to make discoveries through multi-disciplinary collaborations that would not have happened just a decade ago.

Our new School of Medicine, for example, will not stand alone, but rather will reach across the entire campus to improve health care across our region, state and globe. UCR anthropologists study health care knowledge and inequalities, and how those translate to communities. Our bioengineers utilize new materials to provide physicians with tools that, quite literally, allow them to see into the human brain. Our psychologists study interactions and communications between health care providers and their patients, revealing why patients often fail to follow the advice they are given. Our

environmental scientists examine the impact on human health of water-borne pathogenic microorganisms.

Likewise, our recently established School of Public Policy will draw upon faculty from throughout the campus to focus on policy issues related to the

environment, sustainable development, immigration and population, higher education and health. Our College of Natural and Agricultural Sciences is engaged in a “redesign” process that will allow departments and disciplines to better capitalize on the synergies among them.

Each of UCR’s schools and colleges is working in new and creative ways to reach beyond traditional borders and expand our knowledge like never before. Such approaches allow our faculty to be more innovative, giving them access not only to new funding sources, but also to new ideas. Our students will gain a truly global perspective, both through cross-disciplinary learning and exposure to global issues. Ultimately, our society benefits through innovative ways of thinking about and addressing the issues that confront us.

After all, the word “university” has its roots in a Latin word meaning “totality.” And, as in so many things, the totality of the University of California, Riverside, is far greater than the sum of its individual parts.

“Each of UCR’s schools and colleges is working in new and creative ways to reach beyond traditional borders and expand our knowledge like never before.”

Fiat lux,

A handwritten signature in black ink, appearing to read "Kim A. Wilcox". The signature is fluid and cursive, with a large initial "K" and "W".

Kim A. Wilcox
Chancellor

HITTING THE GROUND RUNNING



A man of action, Kim A. Wilcox is ready to lead UCR as its ninth chancellor



During his first few weeks at UCR, Chancellor Kim Wilcox toured the campus and met staff, faculty and students. His wife, Diane del Buono (bottom right), joined him at many of these events.

Little Time, Big Impact

Jane Close Conoley, interim chancellor, left a lasting impression on UCR

BY KRIS LOVEKIN

It was only seven months, but Jane Close Conoley made an indelible mark on UCR during her time as interim chancellor.

She was asked by UC President Mark Yudof to temporarily leave her job as dean at the UC Santa Barbara Gervitz Graduate School of Education and to see UC



Riverside through a transition. Conoley quickly showed her wit and her wisdom at a welcome event held in January. A married faculty couple walked up to the podium (on separate occasions) to speak on differing sides of the issue of growing UCR faculty. "I'm a little worried about what will happen after this meeting," she quipped, to a wave of laughter from the audience.

Her research specialty is counseling, clinical and school psychology. Her research and development efforts in school safety, teacher quality and student achievement have been supported by more than \$20 million in external federal, state and private funds. By the end of her tenure, she was able to stand up and take a bow for getting the UCR School of Medicine across the finish line with its first class of 50 students. She was one of only five nonphysicians to earn an honorary white coat for efforts that earned UC Riverside ongoing state funding. In between, she managed campus affairs. She oversaw staff turnover; she represented UC Riverside in Washington, D.C., when the campus was named a "Next Generation University" by the Lumina Foundation; and she engaged with students, the community, the faculty and the staff. In recognition of her impact on the campus, the UC Riverside Staff Assembly gave Conoley an award of thanks at the annual Outstanding Staff Awards.

She loved her time at UCR and wrote to the campus community in regular emails. In her farewell missive, she said, "I have learned a lot, laughed every day, and worked harder than I thought possible."

"Your permanent UCR Chancellor Kim Wilcox, is superb," she added. "I could not be more enthusiastic and hopeful about the future. I'll be watching from the lowlands for all the great things ongoing and to come from the Highlanders."

As soon as Kim A. Wilcox was chosen to serve as the ninth chancellor of the University of California, Riverside, he acted.

It was late July when he was announced as the chancellor-nominee, and Aug. 8 when he was appointed chancellor-designate. Eleven days later, he was already working on campus.

And he hasn't slowed down since. Within his first four weeks, Wilcox had already visited each of UCR's seven schools and colleges; toured student services; met with center directors; lunched with students; participated in meetings with industry leaders; welcomed international students; hosted a faculty and staff picnic; attended his first UC Regents' meeting; spoken before the Riverside County Board of Supervisors; met with other elected officials; gone to a UCR cross-country meet; served as the keynote speaker for Good Morning Riverside; and driven to Los Angeles for a meeting of the NCAA Big West Board of Directors.

That's just a partial list. In between, he met individually and collectively with campus leadership, led two search committees and grappled with all the day-to-day issues that confront a chancellor.

The ease with which he hit the ground running was typical Wilcox. The former Michigan State University provost and executive vice president was lauded for taking immediate action — a trait his constituents appreciated greatly, and one that has served him well throughout his career.

Wilcox, who was also a professor of communicative sciences and disorders at Michigan State University, served as dean of the College of Liberal Arts and Sciences at the University of Kansas from 2002 to 2005, and as president and chief executive officer of the Kansas Board of Regents from 1999 to 2002.

Wilcox's academic career began with an interest in communication disorders — a field that was "based on science but had a human element to it." For Wilcox, working with children and their families in ways that made a difference to their lives —

combining the science and research with the personal — was very rewarding. That same interest in the personal also led him to UCR.

"UCR has a unique combination of diversity and excellence. A first-generation student from a low-income family has the chance to learn through engagement in discovery, which is the very essence of a research university," said Wilcox.

Public universities, he said, also feel a commitment to their communities and state economies. This ethos benefits everybody. "We want the Inland Empire to succeed as much as we want our freshmen to succeed. We want the state of California to be an economic dynamo as much as we want our seniors and graduate students to be successful in their careers. That's what makes public universities unique — not just in America but in the world."

And his impressions of Riverside so far?

"We are a top-ranked research university with great students, faculty and staff. But our best still lies ahead. Together we are going to get there."

"Never have I seen a community embrace its university to the extent this one does. In return, UCR is making a difference in our state and region — from our roots in agriculture to our new schools of medicine and public policy."

He is also staunchly supportive of the campus' strategic plan, "The Path to Preeminence: UCR 2020." Yet Wilcox is realistic about what it will take to achieve the ambitious goals enumerated in the plan. "We have to challenge ourselves to do more. We are a top-ranked research university with great students, faculty and staff. But our best still lies ahead. Together we are going to get there."

Given the pace Wilcox has established in his first weeks in office, it won't take long to arrive.

To learn more about UCR's new chancellor and his philosophy about higher education, go to

MAGAZINE.UCR.EDU



Janet Napolitano to Lead UC

Janet Napolitano, former secretary of the U.S. Department of Homeland Security and a two-term governor of Arizona, was appointed the 20th president of the University of California on July 18.

The first female president in UC's 145-year history, she succeeds Mark G. Yudof, who steered the university through the depths of California's financial crisis that led to sharp cutbacks in state support for public higher education.

Napolitano, 55, an accomplished public sector leader with a long-standing interest in education, was the search committee's unanimous choice from among more than 300 prospective candidates. As UC's president, she will oversee 10 campuses, three national laboratories and five medical centers — plus a new medical school at UC Riverside.

"I am humbled by your support and look forward to working with you to build further on the excellence of UC," Napolitano said after the regents appointed her president.

UCR Named 'Next Generation University'

UCR was hailed in a national study by the New America Foundation as a "Next Generation University" for success in enhancing student outcomes and maintaining robust research profiles despite economic pressures.

Six institutions were chosen for inclusion based on a statistical analysis of student outcomes, research productivity and enrollment trends from the foundation. The other five chosen were Arizona State University, Georgia State University, the University at Buffalo (SUNY), University of Texas at Arlington and the University of Central Florida.

Specific UCR programs were praised in the study as well, such as first-year learning communities; monitoring students in danger of failing and giving them academic support; and partnerships with the K–12 system and community colleges that create a pipeline for student success. The report (which can be read online at newamerica.net) shows that UCR has nearly twice as many low-income students as other American research universities.





UCR Geologists Discover New Mineral

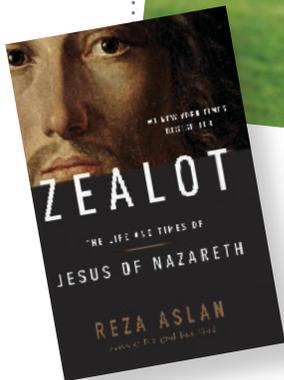
A new mineral that's nearly as hard as diamond was discovered by UCR geologists. The mineral, cubic boron nitride, was named "qingsongite."

The discovery, made in 2009, was officially approved in August by the International Mineralogical Association.

Larissa Dobrzhinetskaya and Harry Green, in the Department of Earth Sciences, were joined by scientists at the Lawrence Livermore National Laboratory, the University of Maine and from institutions in China and Germany in making the discovery.

"The uniqueness of qingsongite is that it is the first boron mineral that was found to be formed at extreme conditions in deep earth," Dobrzhinetskaya said.

Qingsongite was named after Qingsong Fang (1939–2010), a professor at the Institute of Geology, the Chinese Academy of Geological Sciences, who found the first diamond in the chromium-rich rocks of Tibet in the late 1970s and contributed to the discovery of four new mineral species.



Controversy Propels UCR Prof to Top of Bestseller Lists

Reza Aslan's latest book, "Zealot: The Life and Times of Jesus of Nazareth" (Random House, 2013), shot to No. 1 on The New York Times and Amazon bestseller lists in August after a confrontational interview on FoxNews.com went viral.

Aslan, associate professor of creative writing, appeared on "Spirited Debate" on July 28 to discuss his book, which examines Jesus of Nazareth as a historical figure.

Interviewer Lauren Green challenged Aslan about why a Muslim would write a book about the man on whom Christianity is based.

The video has been viewed by millions of people around the world, and the controversy covered by scores of print, broadcast and online media, including the New York Times, Los Angeles Times, Chronicle of Higher Education, CNN, Washington Post, Huffington Post, Slate and Christian Century.

Aslan is also the author of the critically acclaimed "No god but God: The Origins, Evolution, and Future of Islam" (2005).



Inland Empire Memories Initiative is Launched

Residents of the Inland Empire launched a prosperous citrus industry, helped establish the U.S. Environmental Protection Agency and effectively advocated for economic and social justice for Native Americans, farmworkers and others.

To recognize and preserve this legacy for future generations, the UCR Libraries is launching the Inland Empire Memories Initiative.

The initiative is a collecting program that will identify, preserve and interpret the rich cultural legacies of the diverse communities of the Inland Empire. It will seek out and acquire personal, political and organizational records and other documentary evidence that chronicle the lives and activities of artists, authors, poets, cultural and social leaders, civil rights leaders, cultural organizations and political and religious figures from the many cultural groups that make up the rich tapestry of the Inland Empire, UCR Librarian Steven Mandeville-Gamble explained.

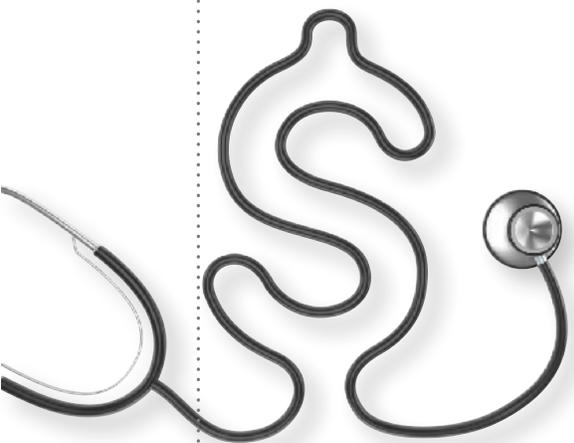
Guiding the initiative will be an advisory board of UCR faculty and staff from several departments and members of the community.

UCR School of Medicine's State Funding Cemented

A budget compromise worked out and signed by Gov. Brown means that the UCR School of Medicine will receive full and continuous funding of \$15 million per year, enabling the school to flourish and facilitating its ongoing accreditation.

The \$15 million for the UCR medical school was included in the 2013-14 state budget and budget trailer bills adopted by the California State Legislature on June 14 and 15. The budget provides for an increase in the UC base budget of \$125.1 million for the new fiscal year, along with approval for UC to restructure its bond debt, generating an estimated \$80 million annually for the next decade. Funding for the UCR medical school will now be part of UC's base budget annually.

The School of Medicine has now enrolled the inaugural class of 50 students. It is the first medical school to be developed in California in more than 40 years.



See highlights from UCR's White Coat Ceremony, as well as a video about an anti-bullying project.



California Poet Laureate Launches Bullying-awareness Project

Poet Juan Felipe Herrera remembers the bullying he experienced as the Spanish-speaking child of immigrants.

In 2012, he heard about the death of 10-year-old Joanna Ramos due to injuries suffered in an after-school fight in Long Beach. As the California Poet Laureate, he vowed to act. In August, he developed i-Promise Joanna, a bullying-awareness effort that is an official Poet Laureate Project.

"I hope I can do something to stop it, to curb bullying in all its ugly forms," the poet explained. "This was about Joanna, but it was also about me growing up as a little brown kid not knowing English, feeling ostracized and ashamed, slapped and picked on. When I saw Joanna, I saw myself. I said, 'Juanito, that's it.'"

The program was launched with nearly 100 fifth-graders from Moreno Valley's Towngate Elementary School.

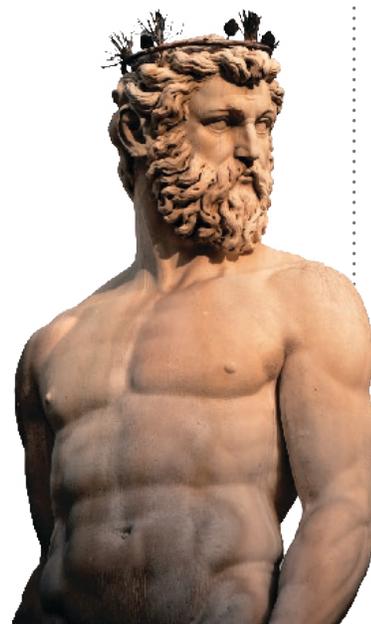
UCR to Offer Ph.D. in Art History

Beginning in fall 2014, UCR will offer a Ph.D. in art history that will focus on the history of photography, sculpture and architecture.

The degree also will give students interdisciplinary training in the history of art and architecture, said Patricia Morton, chair of the UCR Department of the History of Art. Only a handful of U.S. universities offer specialized studies in the history of photography, none of them in the UC system, she added.

The art history department currently offers bachelor's and master's degrees, with the M.A. providing a way into gallery and museum work. Art history has been taught at UCR since the university's founding in 1954, first within a department of art, and since 1974 as a separate department within the College of Humanities, Arts, and Social Sciences. The department is known for its expertise in the early modern/Renaissance period to the present in Asia, Europe and the Americas, with many of its faculty considered leading researchers in their fields.

The Ph.D. in art history was approved by the UC Academic Senate in May; applications for admission in fall 2014 are due Jan. 5, 2014.



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Science Fiction and Technoculture Studies Program Launched

UCR has launched the Science Fiction and Technoculture Studies (SFTS) program, which will explore links within science fiction studies, science and technology studies, and technoculture studies.

It is a logical extension of humanities research at UCR, given the presence of the renowned Eaton Collection of Science Fiction and Fantasy, the largest publicly accessible collection of science fiction, fantasy, horror and utopian literature in the world, said Stephen Cullenberg, dean of the College of Humanities, Arts, and Social Sciences.

Cullenberg noted that the UCR program “uniquely emphasizes the role of popular culture and the genre of science fiction in particular in mediating public understandings of science, serving as an imaginative testing ground for technological innovation, and articulating hopes and anxieties regarding technocultural change.”

The SFTS program initially will offer a designated emphasis at the Ph.D. level, with an undergraduate minor to be added soon.

UCR by the numbers



2

UCR's ranking in Washington Monthly magazine's ninth-annual College Ranking Survey that measures civic engagement, research and social mobility.

150

The number of top universities in the world that UCR is ranked with, according to Shanghai Jiao Tong University.



45

The number of rare books, documents and art documenting the history of the Chicano movement in Ph.D. student Elias Serna's award-winning book collection. The collection won first prize in the Antiquarian Booksellers' Association of America's National Collegiate Book Collecting Contest.

50

The anniversary that UCR Sweeney Art Gallery is celebrating this year. The art gallery was established on UCR's main campus in 1963. In 2007 it moved to downtown Riverside as part of ARTSblock. The gallery is named for Marilyn Sweeney, who died on May 10, and her husband, Jack, who survives her.



300,000

The number of items in UCR's Eaton Collection, including the 1517 edition of Thomas More's "Utopia" and a rare first edition of "The Time Machine," by H.G. Wells.

The Changing Face of Privacy

BY PHIL PITCHFORD

We share intimate photos on Facebook to connect with friends. We are filmed by security cameras to feel safer. So what does the concept of privacy mean in this modern age, and how has technology transformed the way we view personal boundaries?





“Snowden is an important case which highlights that much is hidden under the public surface.”

— Fabio Pasqualetti



The notion of privacy in our society is constantly evolving, but a pair of 21st century developments – the birth of Internet-based social networks and the rise of intrusive anti-terrorism snooping by the government – are wrecking traditional expectations and confounding social scientists.

We want our privacy, either physically or electronically, except when we don't. We want to be left alone and unobserved by others unless we decide to share our most intimate thoughts or photographs on Facebook, Twitter or Instagram. And we may not be able to ensure privacy if we communicate in any method beyond chatting with a family member in our own house.

It's an issue evolving so quickly and thoroughly that even a few months ago, the conversation would have been fundamentally different. In early June, a former government contractor, Edward Snowden, revealed the existence of several classified U.S. and British surveillance programs centered on telephone and Internet usage.

Among Snowden's claims is the revelation that the U.S. government compelled cellular phone giant Verizon to produce the phone records from millions of Americans, raising the specter of government snooping into telephone conversations — something that many believe are inherently private.

Snowden also described a program called “Prism,” through which the National Security Agency (NSA) was able to directly access information from such Internet giants as Google, Facebook, Apple and others.

The United States government has described the incident as the largest NSA breach in the nation's history, calling into question just how much privacy anyone has while talking on the phone or using a computer.

“Snowden is an important case which highlights that much is hidden under the public surface,” said Fabio Pasqualetti, assistant professor of mechanical engineering in the Bourns College of Engineering and an expert in large networked computer systems. He also specializes in cyber-physical security, robotic patrolling and persistent surveillance.

“Although some of Snowden's revelations were already known,” Pasqualetti said, “probably much remains undisclosed.”

And that, scholars say, is the real rub. There's no way to know if the government's intrusions into areas we thought were private are worthwhile. That is because showing us how they are keeping us safe would expose the very nature of the information-gathering process.

So, are we really gaining anything in terms of safety while losing our inherent privacy rights?

“As the state does not tell us about its



successful interventions against terrorism and the part played in those by technology, we can't know the answer to this," said Toby Miller, a professor of media and cultural studies who has written extensively about the intersection of technology and culture.

Miller says he hasn't been surprised by anything Snowden has revealed so far. However, the most shocking thing about the Snowden situation is getting lost in the shuffle: Snowden is not even a government employee. The documents he had access to were outsourced to a private corporation, which strikes at the heart of whether any electronic communication is secure anymore.

"In the United States, we suffer from the notion that privacy is about protecting your life from government, whereas most attempts to know and control how we behave are conducted by corporations, religions and educational institutions," Miller said.

That emphasis on secrecy also makes it difficult to know whether there might be a healthy balance between government snooping and absolute privacy.

"Without knowing how the data being collected is stored and who it is being shared with, it is hard to figure out how these programs can be modified to better protect privacy without significantly compromising the government's ability to protect the nation's security," said Harsha V. Madhyastha, an assistant professor of computer science and engineering. His research on how to improve user privacy and security on online social networks and other topics has been supported by the Army Research Office, Amazon, a Google Research award and others.

"At the moment, the government is largely following a 'security through obscurity' approach, which has been repeatedly shown to not be sustainable."

Social networks typically are made up of two types of users: voyeurs and exhibitionists.



Who Needs the NSA When We Have Facebook?

In many ways, the biggest threat to our own privacy is ourselves. We say we value our privacy, but we simultaneously broadcast the details of our lives to friends and family via social media such as Facebook or — especially in the case of Twitter — the entire world. The growth of such social media networks has radically

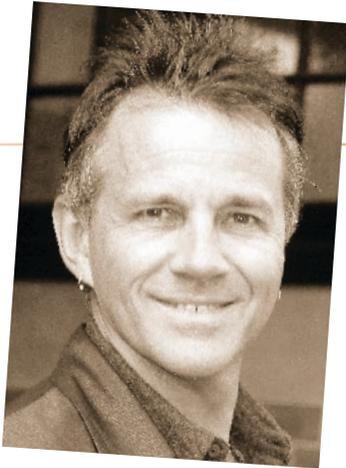
changed people's perception of privacy, Madhyastha explained.

"Ten years ago, if you said that hundreds of millions of users would daily go online and share information about themselves with others, you would be considered crazy," he said. "But that is precisely what we have today."

Social networks typically are made up of two types of users: voyeurs and exhibitionists, Madhyastha said. Exhibitionists share loads of content, regardless of the privacy concerns, and really drive the growth of such networks. Voyeurs want to view that content and are responsible for many of the visits to such sites — which attract advertisers and pay the bills. And their numbers are nothing to scoff at: According to Twitter, 40 percent of their users have never posted a single tweet.

And most social media users have little idea of the privacy ramifications online — especially when the rules aren't the same for every network. On Facebook, users typically





“In the United States, we suffer from the notion that privacy is about protecting your life from government, whereas most attempts to know and control how we behave are conducted by corporations, religions and educational institutions.”

— Toby Miller



broadcast their information to their Facebook “friends,” but they can unwittingly share that information with others when one of their friends likes or comments on the original post, which can then be viewed by a friend of a friend – even if that eventual end user is a complete stranger to the original poster.

On Twitter, the default setting for every tweet is public, so others can retweet and follow. “Over 90 percent of accounts on Twitter are public,” Madhyastha said. “Only a small fraction of users do choose to protect their privacy at the expense of not growing their social network.”

He added, “An incredible amount of private information gets shared on Twitter. Users are really broadcasting their information to the world, even though most people think they are just sharing information with their friends.”

A Rise in Technology, a Decline in Privacy

Not surprisingly, the decline of privacy reflects the rise of technology in American life. Our phones are now mini-computers, with cameras and a wireless connection to the Internet that enable us to text, email and

tweet photos and videos around the Web. And while most social media users know about the dangers of protecting passwords and viruses, many have no idea that there is danger in being trigger-happy on social networks. These problems include everything from personal safety and identity theft to potential difficulties in the workplace from an ill-advised tweet or Instagram photo.

“Some of my close friends post about almost every single thing, even what they had for breakfast,” said Michael Ngo, a junior from the San Fernando Valley majoring in history. “It makes them feel like they are not alone in the world.” Ngo, who only posts to Facebook and Instagram intermittently to keep tabs on friends, added, “I prefer to keep things to myself.”

But for many other social network users,



the potential loss of privacy is often outweighed by the desire to connect with other people online, especially because it's so easy to make connections and maintain relationships. "The ease of accessing these systems definitely makes them extremely popular and hard to control," Pasqualetti said.

How Private are Our Parts?

The next wave of privacy issues may well center not on what we know about each other but what makes us uniquely us. The U.S. Supreme Court recently voted

unanimously that companies cannot patent human genes, a development that holds significant consequences for scientific research. But many other issues remain.

"The nature of human-ness is up for grabs as never before," Miller notes.

For example, a private company, 23andMe, promises to help people understand their own genetic make-up. (The name refers to the fact that human DNA is organized into 23 pairs of chromosomes.) Just spit into a plastic container, mail the sample to the company and 4-6 weeks later, you'll be able to "start exploring your DNA," as the company advertises.

"The privacy of genetic information is definitely going to be one of the big battles

over the next decade," Madhyastha said. "Users will be faced with the hard choice of whether to protect their privacy or reveal this information to providers who offer useful information, such as the diseases that they are susceptible to."

The federal government has traditionally placed a great emphasis on protecting health care information, Madhyastha said. That means the government may well pass stringent laws to regulate such industries. But, Madhyastha added, "You never know."



“The privacy of genetic information is definitely going to be one of the big battles over the next decade.”

— Harsha V. Madhyastha



UCR's Crime-solving Technology

Amit K. Roy-Chowdhury's research on video analysis, including face and activity recognition, could help save hundreds of lives one day

Within three days of the Boston Marathon bombing, law enforcement officials had found images of the suspected bombers, Tamerlan and Dzhokhar Tsarnaev, from surveillance footage. Just over a day later, Tamerlan Tsarnaev was dead after a shootout with police. Dzhokhar was in custody after he was found hiding in a boat dry-docked in a residential neighborhood.

But what if the three days between the incident and the release of photos had been only one day? Even better, what if the surveillance video had been hooked up to a powerful computer that was capable of determining that the brothers had brought backpacks to a crowded area, placed them on a sidewalk and then walked away? Recognizing suspicious activities used by bombers around the world could be a game-changer.

Nobody knows whether such advances in computer-assisted surveillance one day will be able to prevent such attacks. But Amit K. Roy-Chowdhury's research aims to help answer that question and many others by determining just how much you can teach a computer about human behavior — dangerous or otherwise.

Roy-Chowdhury, a professor of electrical engineering who leads a research group that deals with such topics as camera networks, human behavior modeling, face recognition and bioimage analysis, is quick to point out that his research is in the early stages and will take decades to fully explore. But, he said, the intersection of computing and surveillance is fraught with inevitable questions regarding privacy.

"We are still at a relatively primitive level, but there already are a lot of issues emerging," Roy-Chowdhury said. "For example, it's unlikely that a human being will be completely out of the [law-enforcement] loop in my lifetime, but will a computer eventually be able to make [an authoritative] decision to arrest someone?"

Roy-Chowdhury's work is emblematic of the evolution of privacy in our society, especially in the post-9/11 era. But it also raises the question of how much of our privacy we are willing to surrender in pursuit of personal safety. And what are the consequences if that pursuit of increased security goes awry?

Sure, a computer should be used to catch somebody who might be trying to place a bomb in a crowd at a major sporting event. But what happens when the same system sends police after a suburban dad who puts down his child's diaper bag at Disneyland and then accidentally walks away?

"A computer can look at a blood test report and determine whether it fits the profile of a particular disease," Roy-Chowdhury pointed out. "But it is very hard to program the fine patient-specific nuances a doctor can bring in — which will ultimately determine the treatment."

The Boston incident showed just how prevalent such cameras are in American society these days. Images of the brothers were captured on so many public and private cameras that investigators were able to release more than a dozen photographs and videos of the suspects.

What the incident also showed, however, is that machines may be adept at capturing images, but they are largely incapable of determining what those images mean. As a result, collection and analysis of that surveillance data usually involve a long and grueling process yielding little or no value.

"In some ways, cameras give us a false sense of security," Roy-Chowdhury said. "We are talking about huge amounts of data and, most of the time, nothing is happening."

Computers typically can "prune out" useless

sections of recorded data, Roy-Chowdhury said. Cameras work best in controlled environments, like airports or immigration checkpoints, where a person can be required to look at a camera as a condition of travel.

“In the public square, you have no way to enforce that,” Roy-Chowdhury said. “That is when computers start having problems.”

Roy-Chowdhury has received funding from a variety of private companies and federal agencies to study how computers might be able to speed up analysis of existing surveillance data, which is now a tedious process at best. In the short term, his research could help the authorities review several gigabytes of security footage faster to more quickly locate pertinent sections, including actions taken just before and after a crime is committed.

The natural evolution of that research, he said, will be to teach a computer how to track objects in real time, determine what those objects are doing and predict what they might do in the near future. If the research is successful, a computer might be able to alert law enforcement when a subject enters a defined area, like Times Square in New York, with a backpack or other bulky satchel, then leaves without it while exhibiting other defined characteristics.

The research puts Roy-Chowdhury at the forefront of discussions about the security that can be gained from such a system and the sacrifices that may be involved. Much work remains, he said, because his work essentially involves building a computer system that mirrors decisions made by the human brain.

“The number of false alarms that are generated by a computer can be very high,” he said. “That’s because it is doing something that our brains have learned to do over millions of years. The visual cortex is one of the most complex parts of the human brain.”





The Main Thing is **Helping Students**



Rollanda O'Connor has made it her life's goal to find ways to support students with reading and learning disabilities — a goal that's in line with UCR's mission

BY SEAN NEALON



“The research we are doing now comes back to the very issue that broke my heart as a first-year teacher. That is: What do you do when you have students trying to learn U.S. history who cannot read at all?”

UC Riverside wasn't even on Rollanda O'Connor's radar nine years ago when she received an offer from Professor Jan Blacher to interview with the Graduate School of Education (GSOE). "I said I wasn't really interested," O'Connor said, but Blacher urged her to come and give a talk at UCR anyway. This was in 2004. O'Connor, who spent 16 years as an elementary and middle school teacher in Washington before earning her Ph.D. in 1992, was then a professor of special education at the University of Pittsburgh.

Once she got to UC Riverside, O'Connor started seeing the opportunities. "Some really amazing things happened, and it wasn't just the snow on the mountains, the bougainvillea everywhere and the blooming cactus in the Botanic Gardens," she said. Today, she holds the Vernon Eady/Irving Hendrick Endowed Chair in Learning Disabilities at GSOE, and enjoys her 2.2-mile door-to-door commute on foot past orange groves and through winding, tree-lined neighborhoods.

What has the Vernon Eady/Irving Hendrick Endowed Chair in Learning Disabilities allowed you to do?

The main thing is helping students. I supported a student, Christy Liao. She earned a master's degree last year. She will stay with me to earn her Ph.D. on a scholarship from the university. The endowment helped fund the research of two of my Ph.D. students: Jeff La Marca and Sean Davidson. It also has allowed me to buy software for my lab and bring several members of my lab to an innovative conference in February in San Diego and to meetings of the UC-wide Special Education Collaborative in Santa Barbara.

How did you end up at UC Riverside?

I have always been interested in students with reading and learning difficulties. In Pittsburgh, I became interested in the

difficulty children have learning to read when they are also learning English. The problem in Pittsburgh was that there weren't many English learners.

UCR wasn't on my radar except for several faculty at GSOE who are world leaders in fields related to mine: Lee Swanson, Frank Gresham, Melanie Sperling and Sharon Borthwick-Duffy. [But while visiting UCR to give a talk] I told the acting dean at that time, Sharon Duffy, that my interest [in the faculty position offered to me] would really depend on the atmosphere for research in the public schools, because much of my work requires long-standing collaborations with schools. She said, 'Just a minute,' and she got on the phone with the superintendent of Riverside Unified, Susan Rainey, and managed an appointment with her that afternoon. So I talked with her informally about my work and what I was interested in doing; she was wide open to it and said it was exactly what they needed. About a week later I accepted the position.

Why did you leave teaching at the K-12 level?

Teaching children is a very demanding job, it's very time consuming. Teachers often don't have the time to sit back and reflect on what they're doing, why they do things in particular ways, whether there may be ways to do them better, what's going on with the one child who is not responsive and whether they could teach

differently for that one child. Those are the kinds of opportunities we have as researchers.

What thoughts do you have looking back at more than 40 years in the education field?

My first year of teaching was eighth grade. One student in my class had virtually no reading ability. And four others read so poorly they would groan when they saw a history textbook. It wasn't possible for them to read it. The research we are doing now, BRIDGES (Building Reading Interventions Designed for General Education Subjects), comes back to this very issue that broke my heart as a first-year teacher. That is: What do you do when you have students trying to learn U.S. history who cannot read at all? With BRIDGES we are working with Riverside Unified and Alvord Unified school districts, identifying students who failed seventh-grade social studies. We're working on an intervention in which we can teach them basic reading skills and how to apply them to U.S. history content so they can pass history and learn reading at the same time. It's full cycle for me: my very first year of teaching and what I'm doing now.



Ramping up Highlander Pride

Jorge Ancona, our new assistant vice chancellor for Alumni and Constituent Relations, is looking forward to maintaining relationships with alumni in these changing times

BY LILLEDESHAN BOSE

Jorge Ancona knows a thing or two about alumni relations. He has, after all, spent two decades in student relations and alumni affairs at three different UC campuses.

Ancona began his advancement career at his alma mater, UCLA, and then moved on to UC Irvine as the leader of alumni relations. In July, he became UC Riverside's assistant vice chancellor for Alumni and Constituent Relations and executive director of the UCR Alumni Association. How do the three universities compare? "Even though we're one system, the UC is very diverse. Each campus has its own personality and its own strengths," he says.

Part of what drew Ancona to Riverside was the campus culture. "It really speaks of promise," he said. "The strategic plan, 'UCR 2020: The Path to Preeminence,' outlines a clear path of what we are poised to become. Here is the opportunity to be a part of this historic moment within the University of California when we're on the brink of taking this great campus to newer heights. That, to me, is extremely exciting."

As Ancona looks forward to learning more about UCR's traditions, students and

its culture, he shares his goals for the future of the alumni organization.

On Remaining Relevant

Ancona says historically, alumni associations came into existence because graduates wanted to remain connected to their universities. The associations served a communication role and provided ways for people to come together.

With today's social media networks and the Internet, that role is evolving. "People will connect online but will continue to look to the university to plan an event where people will come together," Ancona says.

Even so, staying relevant in the light of new technology is part of the alumni association's biggest challenge. "We need to help students understand that the relationship with UCR is meant to be lifelong," he adds. "Well past your time here and graduation."

On Knowing Our Alumni

"We really need to know who our alumni are, what they expect from their university and their alumni association," Ancona says. "Figuring out what the alumni association

needs to deliver in order for UCR to remain relevant in the lives of its alumni is essential. Serving the needs of a diverse alumni body also means addressing the concerns of our younger alumni who are at a much different life-stage than our mature alumni."

On Being a First-gen Student

Like many UCR students, Ancona was the first in his family to go to college. "My parents took a very big leap of faith when they immigrated to this country in order to provide a better life for their family. I hope that my siblings and I have made them proud. We are extremely grateful for the courage it took for them to relocate to this country with very little and not speaking a word of English," he says. "My family has been able to realize its American dream, and I would love to see the students coming to UC Riverside have similar success. Education opens many doors and presents lots of opportunities."

On Student Philanthropy

Helping students understand philanthropy is another challenge that Ancona's office is ready to tackle. More than half of UCR's population are first-generation college students and have no experience with giving back to their alma mater. "But it's an important piece of the work that we do," Ancona says, adding that philanthropy supports scholarships and helps maintain campus excellence.

"We have to communicate philanthropy in a manner that will resonate to new students," he added. "Explaining that giving at any level helps, or positioning the university as an extension of their family, will make giving back more relatable."

On Increasing Alumni Giving

Ancona and his team are focusing on increasing scholarship endowments so that UCR can award a greater number of scholarships. "Scholarships are incredibly important and really speak to our ability to help students," he says. "Hopefully that will also translate to greater alumni participation and support."

YOU KNOW YOU GRADUATED FROM UCR IN THE 60s IF...

1.

You only paid a quarter for a gallon of gasoline. Or a pack of cigarettes. Or a pound of hamburger.

2.

Serving Gallo Chianti from its straw-wrapped glass bottle was hip. (And using the empty bottle as a candle holder was sophisticated!)

11.

Your discussion sections often consisted of just five or six fellow students.

12.

It was not uncommon for both students and professors to smoke cigarettes in class, and you walked around with a pack of Marlboros rolled up in the sleeve of your T-shirt like James Dean.



13.

Your campus job paid \$1.15 an hour.

14.

You partied under the campus in the steam tunnels from time to time.

3.

Between UCR and Los Angeles there was no airport and no traffic — just miles of vacant farmland with a couple of small towns in between.

4.

Being a “trip” didn’t qualify you as a tour guide, but did indicate you were interestingly different, with a good sense of humor, and likeable.

15.

You occasionally attended a class held at Frank’s bar on Third Street by the railroad tracks. You also attended classes out on the lawns instead of a classroom.

16.

You played bridge and watched a new TV series called “Star Trek” on a TV with a 20-inch screen at the A&I residence hall lounge.



6.

Your favorite poems were by e.e. cummings, and Joan Baez sang your favorite ballads.

17.

You played soccer in a grass field where the Material Sciences and Engineering building currently stands.



18.

There was a French Hall, a Spanish Hall and a German Hall in A&I, and you were only supposed to speak the language of your hall at dinner in the dorm.

5.

You knew that Gov. Ronald Reagan spent the first night of his honeymoon at the Mission Inn in 1952.



9.

You watched the bell tower being built from the library while finishing math homework.

10.

Your phone number started with a 714 area code. (Riverside then became 909 before 951.)



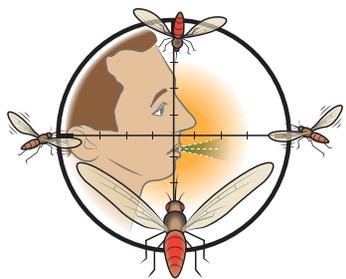
7.

Tuition was \$200 a year; room and board was \$100 a month.

8.

You thought typing term papers was a nightmare, and could only make copies using carbon paper.

— Contributed by Dave Ulrich '63; Steve Hluchan '63; Steve Miller '69; Rich Burns '69



Ray and his team realized that mosquitoes use these same receptors to track their prey. "When living beings breathe, they exhale large quantities of carbon dioxide. This can be tracked from a distance by mosquitoes," he says. "Mosquitoes can smell carbon dioxide and they just love it! Our breakthrough moment was that we could interfere with that process using simple odors."

1



"In 2008, we were curious about how fruit flies behave towards carbon dioxide emitted by fruit," Ray recounts. "We found that ripening fruits have simple odor molecules that can block the fruit fly carbon dioxide receptor proteins. That was the first step."

3



FROM MIND TO MARKET: KITE MOSQUITO PATCH

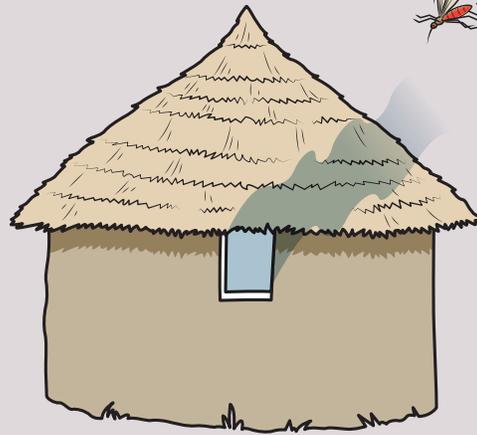
Anandasankar Ray's mosquito-blocking discovery is nothing to sniff at



4

"The next step was to train a computer to identify the properties of the compounds we had already discovered and then use that to screen hundreds of thousands of compounds," Ray says. "We test compounds with electrophysiology, and once they fit both criteria, then we do behavior analysis of mosquitoes." And the scent of the compounds? "Some of them smell minty, some of them smell like chocolate. We perceive it as pleasant, but the mosquito is not so happy with it."

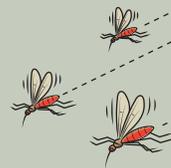
5



The next step was to set up a company dedicated to insect research, one that could identify the best odors for behavior control and design products to protect people from mosquitoes. Ray founded Olfactor Laboratories Inc. in 2010, with help from UCR and the Innovation Economy Corporation. He recruited Ph.D.s from the university.

The Kite Mosquito Patch is the company's first product. The completely nontoxic, wearable patch is projected to hit the market in a year, after a testing process in Uganda. The patch comes in a variety of colors, is worn on clothing rather than skin and is being designed to provide 24 hours of protection. Other potential delivery systems abound. "These are odors that could one day go into perfumes, a plug-in dispenser, or even be embedded in your laundry detergent," Ray says.

They soon discovered scent compounds that blocked those receptors in mosquitoes — but they smelled kind of bad. "Our first batch [the topic of a 2011 cover story in the journal *Nature*] smelled too buttery, like bad body odor."



6

Ray has also come up with compounds that produce the opposite effect: They attract mosquitoes by mimicking carbon dioxide. This technology is being developed into traps. "Traps that you can get at Home Depot right now, they have a giant tank of propane that is used to burn and create carbon dioxide, which is what lures the mosquitoes," Ray says. "The next generation would not use carbon dioxide, but mimics of carbon dioxide. The vision is to try to get this to work in developing countries where diseases are real fears — malaria in Africa, dengue in India, Brazil, China."

BY TED B. KISSELL

While mosquitoes are mostly just a nuisance in North America, they remain one of the world's deadliest disease vectors. So when a significant breakthrough in repelling these insects occurs, that's good news not just for hikers in Alaska and airboaters in the Everglades, but for the millions of people around the globe threatened by malaria, West Nile virus, dengue fever and other mosquito-borne pathogens.

Associate Professor of Entomology Anandasankar Ray's work — initially funded by both the Bill and Melinda Gates Foundation and

the National Institutes of Health — has made such a breakthrough. His discovery of chemical compounds that block mosquitoes from detecting carbon dioxide — their main method of tracking their prey — has led to the development of a wearable patch that essentially makes humans invisible to mosquitoes. Called the Kite Mosquito Patch, and created by Olfactor Laboratories Inc., the product started field trials this summer, to much media fanfare. And Ray says it all began, as so many discoveries do, with the humble fruit fly *Drosophila melanogaster*.

A MATTER OF

PRIDE

“What UCR needs
is more allies.
More allies
equals less
hate.”

— Jorge DeLos Santos,
president, La Familia

BY RYAN RITCHIE,
M.F.A. '13



UCR's history of firsts in its support for the LGBT community has created an inclusive atmosphere for students

Jorge DeLos Santos talks about one of his best moments at UC Riverside with, well, pride.

"Two years ago, we had a pride march on campus," the 21-year-old says. "It was really spontaneous. It came about as a reaction to this one guy who preaches about God all the time by the bell tower."

DeLos Santos got together with other members of LGBT groups. Waving a giant rainbow flag, they walked around the grounds during a busy nooner. Participants held hands, couples kissed and everyone had a great time.

"People's reactions were funny," he says. The group got a few confused looks, but for the most part, students cheered everyone on. "It took a lot for us to expose ourselves, but it was about us reclaiming our space."

DeLos Santos, a women's studies major, is the president of La Familia, a group devoted to finding a safe space for the Hispanic LGBT community. Before he was a student, DeLos Santos wasn't always so sure about UCR's sincere support for the LGBT community. DeLos Santos, who dresses like an average Highlander in jeans and T-shirts, dyes his hair crazy colors — everything from turquoise to red, green and purple. "It sets me apart," he says. "But I've also had people call me a fag from moving vehicles while walking to campus from my Riverside apartment."

At Q-Camp, an event held for incoming students in the beginning of the school year, he got proof of UCR's sincere efforts to reach out to the LGBT community. He also participated in a group discussion hosted by

James Sandoval, vice chancellor for student affairs, at the LGBT Resource Center. "I thought, someone is really listening, and someone cares," DeLos Santos says. "Sandoval is in that building where all the important people are, and [the administration] sent someone to talk to us," he said.

Through the years, the institutional support that UCR has shown the LGBT student community has made a difference. This year, the campus is establishing new technology for a preferred-name system that transgender students can use. Transgender-related medical costs are covered under student health insurance. Student organizations are encouraged to come out as LGBT allies. ("What UCR needs is more allies. More allies equals less hate," DeLos Santos says.) Resource centers provide training on LGBT issues. Faculty partnerships boost the scholarly support. "Being welcomed by the school contributes to a better education and better opportunities for scholarships," DeLos Santos says. And without that support, events such as the spontaneous pride march wouldn't have been possible.

These efforts have led to national recognition for UCR; in August, it was named one of the nation's Top-25 LGBT-Friendly Colleges and Universities by the Huffington Post and Campus Pride, the leading national organization for LGBT student leaders and campus groups.

First LGBT Resource Center in California

Opening in 1993, the center was the first on a California campus with a professionally staffed office devoted to LGBT

In 1981, openly gay student Colin Smith was assaulted at the Barn by three members of the baseball team. It wasn't the first — nor last — incident of gay bashing on campus, Professor Jennifer Doyle said, but it proved to be important because Smith responded with activism. Smith, an anthropology major, graduated in 1981. He changed his name to Kalyn Smith-Tranquil'son before he died in 1994.

Thanks in part to his efforts, the administration has since been proactive about making sure UCR is a safe space and has been at the forefront of LGBT rights on state and national levels.

1979-1989

Charles Weis, director of UCR's psychological counseling center, creates a mentor program for gay and lesbian students. He also begins a fund that worked with the Chancellor's Advisory Committee on HIV/AIDS on campus.

1993

UCR becomes the first campus in the state (and the first west of Iowa) with a professionally staffed LGBT Resource Center. That same year, UCR hosts "Unnatural Acts: Theorizing the Performative," a national conference on LGBT studies and the arts.

1996

UCR offers the first LGBT studies minor in California.

2003

Student-run Queer Alliance holds the first Pride Prom. The free event shows high school, junior college and UCR students how inclusive UCR is. It is now in its 10th year.

2003

The International Transgender Day of Remembrance is celebrated on campus on Nov. 20. The weeklong event honors victims of transgender-related violence.

2004

The first Dragalicious Drag Ball is held. The hugely popular fund-raiser combines dancing, comedy, singing, fashion and drag performances.

2004

Smith's mother, Tranquil Calley (M.A.'89), establishes the Kalyn Smith-Tranquil'son Memorial Fund in memory of her son, offering financial assistance to LGBT students.

2005

Q-Camp is established, acquainting LGBT students with college life.

2005

Stonewall Hall, located in Pentland Hills, becomes the first gender-neutral housing in the country.

2007

"The Coming Out Monologues," a live, onstage production celebrating faculty, staff and students' coming-out experiences, is staged. (Submit your stories by Jan. 31 to coming.out.ucr@gmail.com.)

2012

The Advocate names UCR one of the top 10 trans-friendly campuses in the country.

2013

More than 300 people attend the UQ Conference, a day-long event highlighting 20 years of LGBT progress at the University of California. More than 50 educational institutions participate. In August, the campus is named one of the Top-25 LGBT-Friendly Colleges and Universities by the Huffington Post and Campus Pride.

issues. Currently run by Nancy Jean Tubbs and Toi Thibodeaux, the LGBT Resource Center is the starting point for nearly all LGBT issues at UCR. When students want to organize an event or form a group, the center serves as a guide for campus policy.

Last year, Tubbs says, the Center was involved in 365 programs within UCR and the outside community. Annually, the center also supports student-run events such as Pride Prom, the Dragalicious Drag Ball and the theatrical presentation, "The Coming Out Monologues."

Before the center was established, Queer Alliance was the only student-run organization at UCR related to LGBT issues.

Today, groups such as La Familia, Queer People of Colors, Asterisk, Queer of Association of API's, NAMES & Neighbors and the inclusive sorority Gamma Rho Lambda give students the opportunity to find a group that is best suited to their needs.

"We let students know how to take initiative and create the spaces they need," Thibodeaux says. "We're their support. We give them that push and help them do what they need to do to be successful."

For the upcoming year, the center is preparing Jan. 18's Tabla Conference, which is organized by NAMES & Neighbors and focuses on LGBTQ students with cultural ties to South Asia, the Middle East and North Africa. Another conference in the planning stages is the BlaqOUT Retreat for students who identify as African and African-American.

First to Offer an LGBT Minor

In 1996, UCR became the first California campus to offer a minor in LGBT (Lesbian, Gay, Bisexual, Intersex, Transgender) studies, which consists of 24 units made up

of 20 upper-division courses. The history of sexuality and the history of LGBT rights movements are part of the curriculum, as are classes on new queer Brit literature, and theory of gender inequality.

Jennifer Doyle, the LGBT studies co-chair and English professor, says the program puts questions of sex and sexuality at the center of teaching. "It's one of the ways we visibly commit ourselves to research, writing and teaching."

She stresses UCR's national prominence in queer studies as well: "We are home to nationally prominent scholars who have helped to define queer studies in history, film and visual culture, literary studies, sociology and more."

Just by its very existence, the LGBT minor is an education as well. George Haggerty, distinguished professor of English and the founder of the LGBT minor, says the minor is empowering for many students who may feel isolated because they can't speak to their families or friends about what they're going through. "Finding a field of study where there's an intellectual engagement in issues larger than yourself is really transformative for people," he said.

Despite the fact that LGBT classes are hugely popular (they're often standing-room only, and there's always a waiting list for classes), support for the LGBT minor has been an area of concern.

To teach a class, instructors have to ask their departments for releases. This can be difficult, Doyle says, because everyone is working so hard to cover the needs of their own departments. "It makes it hard to free oneself up [to teach] the minor."

"There are also people who think that what we do is inappropriate," Doyle says. "As long as there is homophobia, transphobia and sexism in the world, LGBT and feminist scholarship will face opposition."

UCR is making a concerted effort to support and promote LGBT

advocacy on campus. Toni Lawrence, associate director of development for the College of Humanities, Arts, and Social Sciences, is fund raising for scholarships and fellowships for students whose research has an LGBT theme, a proposed LGBT research center, endowed chairs and for the LGBT Resource Center's Intersect, Connect and Engage (ICE) Project. Lawrence says all these initiatives will allow the university to continue to attract the best and brightest students and faculty and ensure that UCR is at the forefront of LGBT research on emerging issues.

First School to Offer Gender Inclusive Housing

In 2005, UCR became the first public school in the nation to provide gender-inclusive housing to all students. This living option allows students to room with any other student, regardless of gender identity or sex assigned at birth. Stonewall Hall residents also live in gender-inclusive suites in Pentland Hills. This hall provides students with LGBTQ social, cultural and educational programs. The creation of Stonewall Hall, Tubbs says, is one example of how change is made when faculty, staff and students work together.

"Our students were inspired by our coordinators who were out as trans, so when they went to Housing asking for a living community, they were conscious of being trans-inclusive. The leadership at Housing said they could make it happen — they just needed to come up with policy," Tubbs explained. This is very indicative of how UCR works. It's not one thing — it was the students, it was the center, it was our colleagues around campus."



“I Just Want to Be the Best Doctor I Can Be”

Rafael Ornelas, one of the UCR School of Medicine’s inaugural class, talks about first-year jitters and fulfilling his dreams — so far



BY LILLEDESHAN BOSE

In this series, we follow medical student Rafael Ornelas and his classmates as they tell the story of the UCR School of Medicine’s inaugural class. Next issue, we take a look at the classes, the late nights and what it’s like to be a first-year student at a new med school.

This fall, Rafael Ornelas will be part of the UCR School of Medicine’s inaugural class. It’s a milestone that the 24-year-old has dreamt of since he was 5 years old.

The child of Mexican immigrants, Ornelas’ parents struggled financially to raise five children. They didn’t have health insurance, and one of his brothers was autistic. Still, Ornelas said, “My parents tried to do the best they could with what they had.”

That experience left a profound mark on Ornelas. “I realized I wanted to help people out any way I could.” In school, Ornelas realized he had an aptitude for the sciences, and wanting to be a doctor became an obvious choice.

It wasn’t until Ornelas was majoring in chemistry at UCR, however, that he realized becoming a doctor was a real possibility. He volunteered at hospitals and threw himself into science and research, and then completed a premedical postbaccalaureate program at UCR.

Ornelas applied to 19 medical schools around the country. He turned down three highly ranked schools — including UC Davis — and bested more than 2,400 applicants to get one of the 50 spots at the UCR School of Medicine. He said the school’s mission to provide health care for the underserved in the Inland region appealed to him. “It’s very much needed,

and it seems noble and honest. Having lived in the area for some time, that was a plus for me.” UCR’s focus on primary care will also give students a different perspective on medicine, he said.

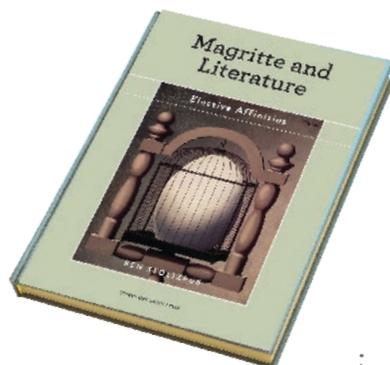
For many other reasons — proximity to his family, the high caliber of faculty and being part of UCR’s inaugural class — Ornelas chose to go to UCR. “Everybody keeps talking about us changing history,” he says. The truth? It is kind of a big deal. “As part of the inaugural class, we can give the school feedback, and [faculty and administrators] can listen to us and make changes for the better.”

For Ornelas — and many of his peers — starting medical school is also the start of the rest of his life. “We’ve gone through so much just to get to med school; we don’t want to fail, you know?” he says, laughing. Luckily, he has his eyes on the prize. “I just want to be the best doctor I can be. And UCR is a good place to start.”

Watch Rafael Ornelas and his classmates talk about their goals in med school on

MAGAZINE.UCR.EDU

A book on Jesus that soared to the top of bestseller lists; also fun facts about sexual differences and more in this issue's Page Turners



Magritte and Literature: Elective Affinities

By Ben Stoltzfus
Leuven University Press
October 2013, 300 pages

“Magritte and Literature: Elective Affinities” examines some of the artist’s major paintings whose titles were influenced by, and relate to, works of literature. Charles Pierre Baudelaire’s “The Flowers of Evil,” Goethe’s “Elective Affinities” and Edgar Allan Poe’s “The Domain of Arnheim” are representative examples of Magritte’s interarts dialog with literary figures. Despite these convergences, the titles subvert the images in his paintings. Together, the two images express the aesthetics of surrealism by juxtaposing unrelated objects for the purpose of sparking recognition. The intersecting space between art and writing, sometimes referred to as the iconotext, manifests itself whenever Magritte borrows a literary title for a painting. His strategy is to paint visible thought, and this reverse ekphrasis — the opposite of a rhetorical description — undermines the written text. When he succeeds, the effect is poetry.

Ben Stoltzfus is a professor emeritus of comparative literature and foreign languages at UCR.



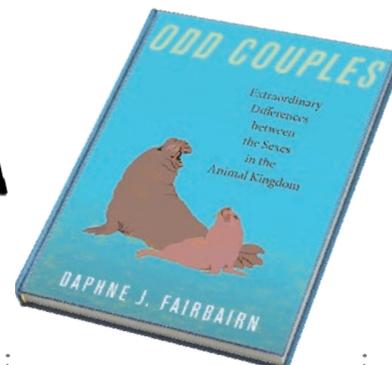
Zealot: The Life and Times of Jesus of Nazareth

By Reza Aslan
Random House
July 2013, 336 pages

The person and work of Jesus of Nazareth has been a topic of constant interest since he lived and died some 2,000 years ago. Much speculation about who he was and what he taught has led to confusion and doubt. Aslan, who authored the much acclaimed “No god but God: The Origins, Evolution, and Future of Islam,” offers a compelling argument for a fresh look at the Nazarene, focusing on how Jesus the man evolved into Jesus the Christ. Approaching the subject from a purely academic perspective, the author parts an important curtain that has long hidden from view the man Jesus, who is every bit as compelling, charismatic and praiseworthy as Jesus the Christ.

Carefully comparing extrabiblical historical records with the New Testament accounts, Aslan develops a convincing and coherent story of how the Christian church — in particular Paul — reshaped Christianity’s essence, obscuring the very real man who was Jesus of Nazareth. Compulsively readable and written at a popular level, this superb work is highly recommended.

Reza Aslan is an associate professor of creative writing at UCR.



Odd Couples: Extraordinary Differences between the Sexes in the Animal Kingdom

By Daphne J. Fairbairn
Princeton University Press
April 2013, 328 pages

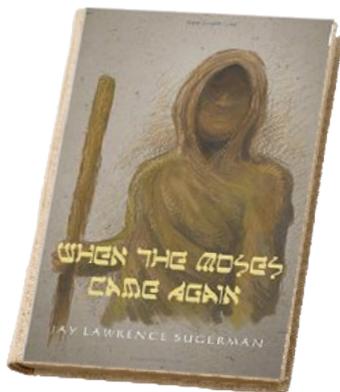
What does it mean to be male of female in the animal kingdom? How do our own gender differences compare with those of other animals? Why do adult male elephant seals weigh more than four times as much as an adult female? And why are male octopuses forty thousand times lighter than females?

Evolutionary biologist Daphne Fairbairn examines these and other striking cases of extreme differences between males and females of the same species in her new book. She also introduces readers to important discoveries in animal behavior and evolution.

In the book, she describes how male great bustards aggressively compete to display their plumage and large physiques to choosey females. She investigates why female elephant seals voluntarily live in harems where they are harassed constantly by eager males. And she reveals why dwarf male giant seadevils parasitically fuse to their giant female partners for life. Fairbairn also considers humans and explains that although we are keenly aware of our own sexual differences, they are unexceptional within the vast animal world.

Daphne Fairbairn is a professor of biology at UCR.

These books are available for purchase at the UCR Campus Store and online at www.ucrcampusstore.ucr.edu They have been discounted up to 30 percent.

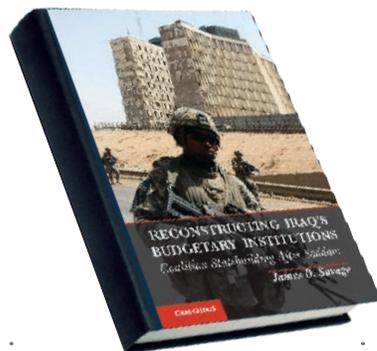


When the Moses Came Again

By Jay Lawrence Sugerman ('63)
CreateSpace
June 2013, 310 pages

"When the Moses Came Again" is a rethought story of Moses and the Exodus. Set in the 31st century, the science fiction novel explores the dark side of two radically different worlds. But like the original, it is still a tale about freedom and the liberation of the oppressed. How civilian and military leaders should act is the focus of "When the Moses Came Again." It revisits the biblical story of one of history's finest leaders, focusing on the overpopulation of the fictional world of Brindon-4 and community's failure to limit reproduction. When its leaders decide to colonize a new planet and offload a large segment of their population, the main character, Krill, works to unite the people and liberate the oppressed.

Jay Lawrence Sugerman is a retired physician living in Los Angeles.



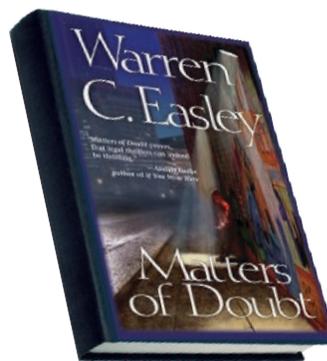
Reconstructing Iraq's Budgetary Institutions: Coalition State Building after Saddam

By James D. Savage ('73, '75)
Cambridge University Press
October 2013, 336 pages

The invasion of Iraq led to a costly state-building and reconstruction effort that lasted nine years. Reconstructing Iraq's budgetary institutions proved to be a vital element of the state-building project; allocating Iraq's growing oil revenues to pay salaries and pensions, build infrastructure, and provide essential public services played a key role in the Coalition Provisional Authority's counterinsurgency strategy. This book argues that budgeting is a core state activity necessary for the operation of a functional government.

Employing a historical institutionalist approach, the book first explores the Ottoman, British and Ba'athist origins of Iraq's budgetary institutions. It then examines American prewar planning, the Coalition's rule-making and budgeting following the invasion of Iraq in 2003, and the mixed success of the Coalition's capacity-building programs initiated throughout the occupation. This book sheds light on the problem of outsiders building states, contributes to a more comprehensive evaluation of the Coalition in Iraq, addresses the question of why Iraqis took ownership of some Coalition-generated institutions and helps explain the nature of institutional change.

James D. Savage is a professor of political science at the University of Virginia.



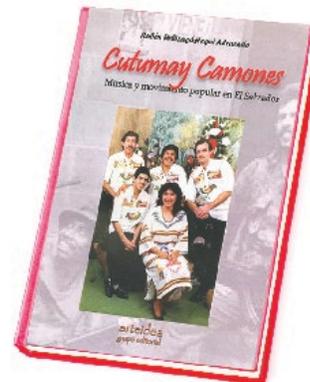
Matters of Doubt

Warren Easley ('63)
320 pages
Poisoned Pen Press
September 2013

Cal Claxton is determined to reinvent himself as a small town lawyer in the aftermath of his wife's suicide. Once a hard-charging L.A. prosecutor, he now lives in solitude in an old farmhouse overlooking the Oregon wine country. When a scruffy, tattooed kid shows up asking for help in solving his mother's cold-case murder, Cal wants to say no. But the kid, who calls himself Picasso, has ridden a bicycle all the way from Portland in the rain, and something about his determination impresses Cal.

Things take an ugly turn when Picasso is charged with the murder of a prominent Portland businessman. The evidence against him is overwhelming, but Cal steps in to defend Picasso and finds himself pitted against the police, the media and some of Portland's most powerful citizens.

Warren C. Easley, formerly a research scientist and international business executive, is currently a writer and tutor in Oregon.



Cutumay Camones: Música y Movimiento Popular en El Salvador

By Rubén Urbizagástegui
Grupo Editorial Arte Idea
December 2012, 186 pages

Music and poetry were the "compas" (friends) that provided emotional support and international recognition for the guerrillas in El Salvador. Various groups of military-political organizations that made up the Farabundo Martí National Liberation (FMLN) front considered it vital that artistic groups be created and encouraged to spread the message and keep up the morale of the guerrilla fighters. Cutumay Camones was the official musical group of the ERP (Ejército Revolucionario del Pueblo). Its members became ambassadors of the FMLN, endeavoring to energize the soldiers and help them cope with the weariness and fatigue of the bloody military battles.

In this book, Rubén Urbizagástegui is attempting to preserve those memories by recording these songs and lyrics. Through the voice of Cutumay Camones, he is able to bring us back to that time, with the sound of the marimba, when the slogans gave the Salvadoran working-class people the courage to replace the horror of war with revolutionary faith.

Rubén Urbizagástegui is a distinguished librarian at UCR.



CALENDAR

Volunteer with the Alumni Association

Every year, dedicated volunteers support the many programs offered by the Alumni Association. Alumni volunteers serve as mentors to students, help organize events for their fellow alumni and serve as ambassadors to the university through scholarship selections.

“Giving back to your alma mater isn’t always about money — it’s about caring about all aspects of the students who will continue the legacy of an innovative and diverse UC Riverside,” says Barbara Brink, chair of the UCR Alumni Association Freshman Scholarship Committee. “Your participation as a volunteer will strengthen the network of support that is essential to the success

of students now — and well into the future.”

For information on opportunities to get involved, check out alumni.ucr.edu/getinvolved.



Travel the Globe and Expand Your Horizons

The Alumni Association’s extensive travel program has something for everyone. Join alumni and friends on journeys around the world. Visit the mystical Himalayan Kingdom on our trip to Bhutan, March 19 to 30, 2014, or join us on a luxury cruise along South America’s eastern shores on our Samba Rhythms trip from March 16 to 29, 2014. Cruise the magnificent waterways and canals of Holland & Belgium from April 25 to May 3, 2014, or take a trip on the Eastern & Oriental Express with a trip from Bangkok to

Bali from April 22 to May 4, 2014. These are just a few of the trips planned for 2014. Contact the Alumni Association for a travel brochure for these and other Alumni Association sponsored trips or visit the website www.alumni.ucr.edu/travel.



NOVEMBER 16

Alumni Association Leader Breakfast

On Nov. 16, the Alumni Association will host a breakfast during Homecoming for all former leaders to meet and greet Chancellor Kim A. Wilcox and the new executive director of the Alumni Association, Jorge Ancona. If you are a former UCRAA board member who would like to participate, please contact Bill Cole at bill.cole@ucr.edu.

NOVEMBER 21

California Through the Eyes of a Geologist

Opening Reception: Thursday, Nov. 21, 5:30 to 7 p.m.

Please join us for a special opening reception for geologist/photographer Cleet Carlton ('84, M.A. '88) on Thursday, Nov. 21, from 5:30 to 7 p.m. in the Goldware Family Library at the Alumni & Visitors Center. His long-existing interest in photography — particularly natural scenes that are unimpacted by human activities — has set forth his desire to capture natural formations from an aesthetic point of view. Through his photography, Cleet hopes to inspire and promote a sense of appreciation for the natural world and, ultimately, a desire to protect it.

His art exhibit features a photographic tour of California, focusing on the beauty of the forces that shaped it.

To RSVP for the art reception opening, please call (951) 827-2586.

How to contact the UCR Alumni Association:
Website: alumni.ucr.edu
E-mail: ucralum@ucr.edu
Phone: (951) UCR-ALUM or (800) 426-ALUM (2586)

60s

'68 **Charlie Gay** was elected to the National Academy of Engineering for his leadership contributions to the development of the global solar photovoltaic industry.



70s

'70 **Nick Goldware** was inducted into the Riverside Sport Hall of Fame last May. Nick graduated in 1965 from Ramona High School, where he was an outstanding football player. He continued to play football at Riverside City College and UCR. Nick continues to live and work in the Riverside community and remains very active in local



community support and athletic programs. ... **Walter Hillabrant** is an American Psychological Association council member. He was also the president of the District of Columbia Psychological Association.

'71 **Gary McCord** was inducted into the Riverside Sport Hall of Fame last May. Gary graduated from Ramona High School in 1966. While there, he was named All-CIF in golf in 1965 and 1966. Gary continued to play golf at both RCC and UCR.

TAKE FIVE



Annette Rodriguez

'07 PSYCHOLOGY AND SOCIOLOGY



Annette is a user-experience research coordinator for Kelley Blue Book and says the best part of her job is interacting with participants. "As cheesy and nerdy as it sounds, teaching and learning from others inspires me because it reminds me of the positive influence that one can have on another," she says.



1 Why did you choose to go to UCR?

It was the size of the campus. I knew I wanted to attend a UC, but I also knew I didn't just want to be a number. As a student [I wanted to feel] comfortable approaching professors.

2 What's your favorite memory of UCR?

Graduation day! That was the time I was able to celebrate my accomplishments with family, friends and professors. It also sealed a chapter of my life and marked the beginning of the next.

3 Who is your biggest inspiration?

My mother is my biggest inspiration. I grew up in a single-parent household, and my mother's tenacious and strong personality constantly inspires me and reminds me of how much I can accomplish.

4 What accomplishments are you most proud of?

I am most proud of my educational achievements. I am most proud of having attained a double major in psychology and sociology within four years, and a master's degree in education with an emphasis on human development and psychology from the Harvard Graduate School of Education.

5 What advice would you offer to recent UCR graduates?

Pursue the career that you want. One that you're passionate about, that you don't mind doing every day, and that constantly challenges you.

At UCR, he was part of the NCAA Division II Championship in 1970. He was named the 1970 NCAA Division II Player of the Year and was a Division II All-American.

'76 **Butch Johnson** was inducted into the Riverside Sport Hall of Fame last May. Raised in Los Angeles, Butch played football for UCR. In 1975 he was named a Division II All-American and led the nation in receiving during the last year that UCR had a football team. Butch was drafted by the Dallas Cowboys in 1976 and played for them through 1983.

'79 **Margaret Howell** is an adjunct professor at CSU San Bernardino where she instructs teacher candidates in educational and developmental psychology.

80s

'81 **Kathy Wright**, a longtime Riverside resident, graduated from John W. North High School, attended Riverside City College and earned degrees at San Diego State College, UCR and the University of La Verne. She spent 37 years in the K-12 public schools as a teacher and administrator. In 2008 she retired from Alvord Unified School District where she served her last year as superintendent. The recipient of many awards and honors, Kathy was recently recognized by the Riverside Downtown Partnership with its prestigious Roy Hord Volunteer

of the Year award and by Scholarship America with its Cy Siefert National Volunteer of the Year Award. Kathy contributed to the book "Connection, the New Currency: How Everyday Women Collaborate to Build Wealth, Community, and Prosperity." ...

Donald E. Gibson has been named dean of Fairfield University's Charles F. Dolan

School of Business in Fairfield, Conn. Donald served as interim dean of the business school for nearly two years and was a respected and popular faculty member for the past 12 years.



'83 **Jacquelyn K. Sundstrand** is an associate professor at the University of Nevada, Reno and the Manuscripts and Archives Librarian in the University Libraries' Special Collections Department. She was appointed to the National Museum and Library Services Board by President Obama.

'84 **Jose M. Martinez** was named the special agent in charge of the Oakland field office in the Department of Treasury, IRS-Criminal Investigation (IRS-CI), last January. Prior to this assignment, he worked at IRS-CI headquarters in the chief's office in Washington, D.C. There, he was part of a team that visited every IRS-CI Office and conducted reviews of operational and administrative aspects. He started his IRS career in Southern California after graduation from UCR in 1984 with a B.A. in business. He continued his education at UCR by earning a certificate in professional interpretation and translation in the English-to-Spanish languages. His efforts

in doing outreach in the Spanish-speaking community were recognized by the IRS commissioner. Jose was the recipient of the Outstanding Achievement Award for media outreach efforts to educate Spanish-speaking taxpayers in various outlets, including local Univision television stations.

'84 **David Geary** is a cognitive psychologist at the University of Missouri. He is currently leading a study that is tracking children's mathematical development from kindergarten to high school in the Columbia, Mo., school system.

'85 **Michael Givel** was promoted to full professor of political science by the University of Oklahoma. Michael, along with Andrew Spivak at the University of Nevada, Las Vegas, recently published a new book, "Heartland Tobacco War" (Lexington Press).



'87 **Rafael Rivera-Bustamante** achieved the highest rank of Mexican National Researcher (Level 3). For the past eight years, Rafael has been the director of the Irapuato Unit of Center for Research and Advanced Studies focused on plant biotechnology.



'88 **Mark Hake** was named chief probation officer of the Riverside County Probation Office last April. Hake has served as interim chief since December; before taking the interim post, Mark was assistant chief probation officer. ...

Patricia Lock-Dawson was elected to the Riverside Unified



School District board of trustees in 2011. She received the Keep Riverside Clean and Beautiful Lady B. Johnson Award for work on the Santa Ana River Trail in 2012.

'89 **Jerry Swain** won second place in the annual American Airlines Road Warrior contest. Jerry's story was featured in the magazine American Way. He is the founder and CEO of Jer's Chocolates, located in Solano Beach, near San Diego.

90s

'90 **Dr. Pedram Salimpour** was appointed to the Los Angeles Board of Fire and Police Pension Commissioners. He is also a pediatrician at Salimpour Pediatric Medical Group in Sherman Oaks.



'92 **James Ward** released his second feature length movie, "The Hit Girl," which he co-wrote and directed. This year, James will also be celebrating 14 years since his kidney transplant. ...

Francis B. Allen completed his Ph.D. in clinical psychology at Palo Alto University's Pacific Graduate School of Psychology. He is currently the director of the Transitional Program, a community mental health program based in Palo Alto. Francis was one of the original 14 psychology students in UCR's first psychology honors program in 1992. Francis graduated summa cum laude, Phi Beta Kappa, with honors in psychology.

'93 **Cherice Calhoun** is the founder of blacknla.com, a leading entertainment and lifestyle information website for urban professionals. The site, originally created to highlight the best of Los Angeles nightlife, has since grown into Cherice's full-time business.



00s



'00 **Kevin Whalen**, a Ph.D. student in UCR's history department, received a \$33,000

fellowship from Mellon/American Council of Learned Societies to support the completion of his dissertation. The prestigious fellowship is awarded to doctoral candidates in the humanities and social sciences.

'02 **JoAnn Lazo** welcomed a new baby girl, Isabel Lazo Eldred, on July 11. JoAnn is a chapter board member for the UCR Alumni Association Inland Empire Chapter.

'05 **Danny Wong** has played in the annual World Series of Poker (WSOP) tournaments since 2007. His earnings from WSOP total \$919,313.

'07 **Edward Polanco** was awarded a U.S. Department of Education Foreign Language and Area Studies summer fellowship to partake in an intensive Nahuatl language course at Yale University last summer. Nahuatl is an indigenous language of



TAKE FIVE



Josh Stein

'94, M.A. '96, ENGLISH



Josh, a former faculty member at UCR, is an award-winning winemaker and owner of Stein Family Wines.



1 You taught English at UCR. How did you get into wine?

Everyone always asks that question! I actually started off as a computer science major, then switched to English, and got my B.A. and M.A. at UCR. My wife and I were directors in the writing program. Then my wife was hired as a full-time professor up here at Napa Valley College.

And the currency of the realm in the North Bay is wine. Whether you're talking Napa, Sonoma, everybody has a connection to the wine business in some fashion.

[Once here] I wandered into a small winery; they needed help and I had experience — with computer science, science and with numbers and administration. I ended up apprenticing myself.

At the same time, I was hired as a professor. I've put in a hundred hours-plus teaching, grading, as a consultant for other wineries, and then, ultimately, setting up our own place.

2 Which part of your UCR education was most useful to you?

That idea that you can give back. UCR gave me an education, the state of California gave me an education. As teachers we want to help the same kind of people that we were. My wife had been a transfer student from community college to UCR as an undergrad. So our logic was always to work and give back to our community.

3 What makes your winery different?

A lot of other wineries offer a donation to a charity based on a percentage of their profit. But we give 5 percent of every bottle that's sold. We've been running this particular wine company for five years now, and we've yet to be profitable. We're still paying back debt. So if the intention had been that we would pay a percent of profit, we would never have written a single check at this point.

4 You met your wife at UCR, right?

Indeed. We were both second-year Ph.D. students and were both nominated for the Grad Student Association. She was nominated for president and I was nominated for secretary. [It was around the time of Clinton's impeachment trial.] So we would always joke that I was the "Monica" to her "Bill" because she was the president and I was the secretary. We just work well together and have ever since — we've been together now for 15 years! UCR brought us together.

5 What's a favorite UCR memory that you couldn't have anywhere else? (Laughs.)

We spent many, many evenings with Tom, the owner of The Getaway. The UCR I know was always this small campus, but it was a very supportive environment. I was a drummer so I was in various performances. I performed at the Barn; I played at Spring Splash. I still have the videotape somewhere.

Mexico spoken by the Mexica (Aztecs) and by contemporary Nahua groups. ... **Kenneth Doyle** was recently promoted to test engineer at Blizzard Entertainment. He got married in 2007 and celebrated the birth of his first daughter in 2011. ... **Maritza Rodriguez** is the new assistant dean of UCR's teacher education program. She previously served as an administrator at the Riverside County Office of Education. ... **Gloria Sierra** lives in Moreno Valley with her husband and three daughters, ages 1, 8 and 15.

10s

'11 **Monish Punjabi** was selected to participate in a corporate finance training program at General Electric when he graduated in 2011. He has completed two years of the Financial Management Program and is in his third six-month rotation.

'12 **Steven Herrera** will travel to Hong Kong to represent the United States at the 2013 Institute of Materials, Minerals and Mining competition.

'13 **Ryan Rakib** achieved first place at the 49th International Collegiate Business Strategy Competition last April. He was also the 2012 recipient of the Justin Lai Endowed Scholarship and the 2013 recipient of the George DuBois Memorial Award.



Are you celebrating a milestone event? Maybe you published your latest book, you got elected to office or you just turned 100. Tell us all about it, send a picture and we'll celebrate with you! Email us at news@ucr.edu and we'll include it in the next UCR Magazine.



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Alumni

'63 **Lynn G. Gref** (M.A. '64, Ph.D. '66), pioneering technologist and systems engineer, passed away on July 28. He was 72. Gref did pioneering work in missile systems; command, control and communications systems; and satellite systems. He was a consultant for the Jet Propulsion Laboratory's (JPL) non-NASA government business, which he managed prior to retirement.

As manager of JPL's non-NASA business, Gref oversaw a wide range of technology developments, including the active-pixel charge-coupled device, integral to cell phone cameras. Earlier, as a lead investigator on a project for the director of the Defense Advanced Research Projects Agency, he helped develop ARPANET, a computer network that was the precursor of the internet.

Gref, a first-generation college graduate, joined the UCR Foundation Board of Trustees in July 2009. He served as chair of the Foundation's gift planning committee, was a member of the stewardship committee and the executive committee. Gref was a dedicated mentor for students in the Bourns College of Engineering and the College of Natural and Agricultural Sciences (CNAS). He was also an active member of the CNAS board of advisors. A generous supporter and tireless advocate for UCR, he established the Gref Family Endowed Fund for the Advancement of Science, Technology, Engineering and Mathematics. Marylynn Yates, dean of CNAS, said, "Lynn's passion for science and for educating people, especially students, about science was amazing. He gave so much of himself to others; CNAS and UCR were the beneficiaries of his selflessness."

Lynn is survived by his wife, Sally Gref; his sister, Darlene

Vlasek; and children Cheryl O'Brien and Karen Gref. Memorial gifts made to UCR Foundation will be directed to the Lynn & Sally Gref Regent's Scholarship in Science.

'66 **Paul Johnson**. March 2013

'67 **Henry Onsgard**, environmental scientist at the Environmental Protection Agency. March 2013

'70 **Don Jay Crispin**, teacher in the Rohnerville School District. April 2013

'71 **Lois Mary Cech**. March 2013

'79 **Linda Gayle Hasley**, administrative assistant at Braille Institute of America. July 2013

'80 **Timothy Joseph McCarthy** (M.A., Ph.D. '85), therapist and hospital administrator. July 2013

Faculty

William H. Isom passed away on April 9. He was 95. Isom was a Cooperative Extension agronomist and adjunct lecturer in the Department of Botany and Plant Sciences and in the Pest Management Program from 1962 to 1988, when he received emeritus status.

Isom received his B.S. in technical crops in 1940 and his M.S. in agronomy in 1951, both from Utah State University. He was awarded a Ph.D. in plant breeding and genetics in 1955 from Cornell University. That same year he began working as a research agronomist with the USDA Agricultural Research Service, and then as a farm advisor with Cooperative Extension, both in the Imperial Valley. In 1962 he moved to Riverside as an extension agronomist. His appointment as lecturer in plant sciences came in 1974.

Isom was known particularly for his research and extension

program in dry bean. He received a Distinguished Service Award for agronomic contributions to crop production in Riverside County from the Riverside County Growers and the Riverside County Extension in 1975. In 1987, he was chosen for the Distinguished Service Award—Outstanding Cooperative Extension Teaching Specialist by the California Farm Bureau Federation.

Donald C. Johns, professor emeritus of music at UCR, died July 14 at his home in Riverside. He was 87.

Johns was a music theorist and composer and authored numerous articles of music analysis and a large body of original compositions. He was the first director of UCR's Collegium Musicum in the late 1950s, which included piano trios, quartets, quintets, recorder consort and brass ensemble.

Born in Chicago, he earned graduate degrees from Northwestern University. Johns came to UCR in 1957 and was a full professor by 1971, a position he held until he retired in 1991. He was called back to teach two years beyond that, achieving a total of 36 years of distinguished teaching. He also served as chair of the department between 1969 and 1975.

Johns composed sacred works for church choirs and for organ, many of which became standard repertoire in churches around the country. He also composed secular works, mostly music for chamber ensembles, piano and small orchestra. All his published compositions are still available commercially.

Post-retirement, and calling himself "Dr. J.," Johns hosted a regular jazz show on KUCR (88.3 FM). During his life he was best known for composing melodic and emotionally evocative music. He

liked to say, "Good music does not have to be complicated."

Johns is survived by his wife, Jorun; daughter Alessa; sons Karl and Andy; son-in-law Christopher Reynolds; and grandson Gabriel.

Friends

Longtime arts benefactor **Marilyn Sweeney**, for whom UCR's Sweeney Gallery is named, died May 10 at her home in Beverly Hills. She was 72.

Sweeney and her husband, Jack, supported the California Museum of Photography (CMP) for nearly three decades and initiated the transformation of the University Gallery to the Sweeney Gallery, said Jonathan Green, executive director of UCR ARTSblock. They were instrumental in bringing the entire collection of 6,700 negatives of famed photographer Ansel Adams to CMP from the Fiat Lux commission, a commission created by the University of California to mark the university's centennial anniversary. She was a devoted follower of activities at CMP and Sweeney, visiting the museum, the gallery and ARTSblock on a regular basis.

The Sweeneys also supported the Jack and Marilyn Sweeney Granite Mountains Reserve and the related Desert Research Center in eastern San Bernardino County, which UCR manages for the UC system.

Sweeney was born in Pasadena and attended the University of Southern California's School of Dental Hygiene. After retiring as a health care professional, she served on the board of directors of First Regional Bank and its parent company, First Regional Bancorp.

She is survived by her husband, Jack; stepchildren Cynthia and Matt Trice, Patricia Sweeney, and Steven and Julie Sweeney; and two grandchildren.



TIFFANY HAWK

(M.F.A. '10)

BY LITTY MATHEW

Somewhere between indicating airplane exits and serving coffee, Tiffany Hawk was inspired to write a story based on her experience as a United Airlines flight attendant. “I didn’t think of myself as a novelist at the time, but I was so intoxicated by airline culture — the camaraderie, the loneliness, the constant thrill of the unknown — that I wanted to share everything I was experiencing with the world,” says the author of the recently released novel, “Love Me Anyway.”

Hawk’s debut novel, which follows two United flight attendants through training, money problems, lost loves, 9/11 and self-discovery, was a long time coming. After she graduated from UCLA with a bachelor’s degree in history in 1998, Hawk started a master’s degree at UC Irvine, but soon decided she would rather see the world she was studying in books.

Working for an airline seemed the easiest way to reach her goal. “As a flight attendant, I saw so much passion and pain and real humanity, writing about that life seemed inescapable,” says Hawk.

After a decade of thinking about her story and working as a hotel reviewer and editor, she enrolled in the inaugural two-year UCR Palm Desert’s Low-Residency M.F.A.

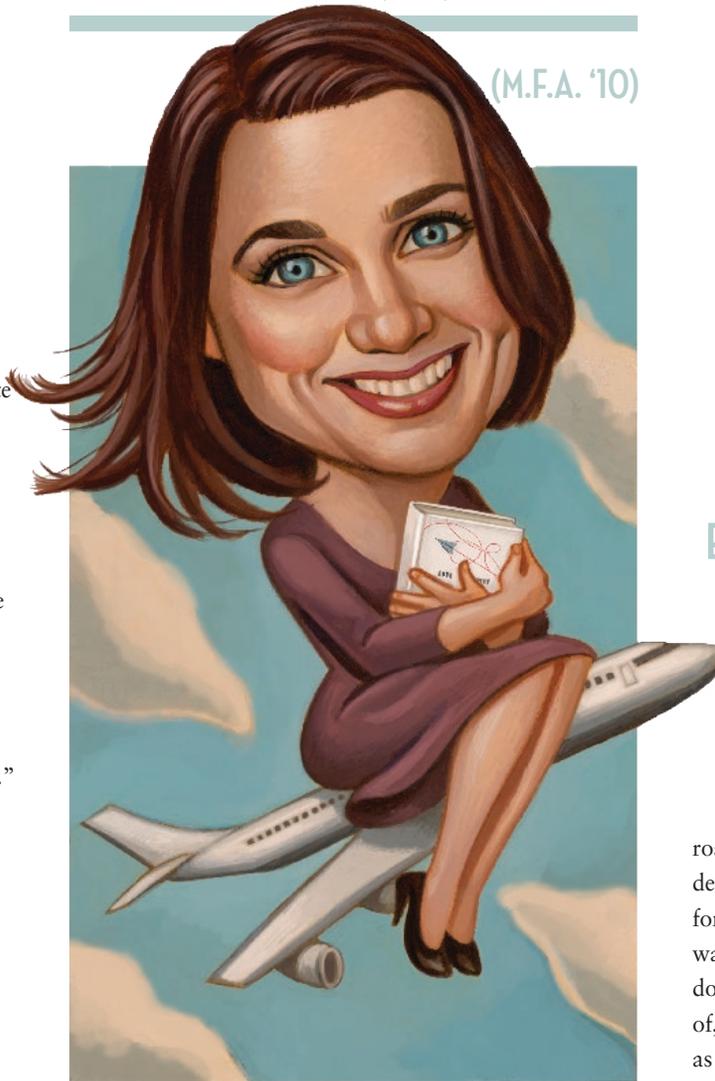


Illustration by Mike Tofanelli

program in 2008. There, she worked one-on-one with instructors throughout the quarter and met twice a year for intense 10-day residencies at resorts in the Palm Springs area. “On a personal level, I wrote to process my grief after Sept. 11. I still struggle with that loss,” says Hawk. “I also wanted to explore how we search for connection in an increasingly disconnected world. My characters are on the

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road 15 to 20 nights a month, and despite being good people, they look for comfort in the wrong places. I wanted to ask them: When you’ve done something you’re not proud of, what does it take to see yourself as a good person again?”

“I can’t imagine I’d have a published novel that I’m proud of if I hadn’t been part of the UCR program,” notes Hawk, who now lives with her Air Force pilot husband and son in the Washington, D.C. area. “Thanks to a group of instructors such as Mark Haskell Smith and Deanne Stillman, who went above and beyond to push each student as far as they were willing to go, I’d say I grew as much each semester as I had in five years as an editor and freelancer.”

COME PLAY • COME CELEBRATE • COME HOME

BRING FAMILY AND FRIENDS TO CONNECT WITH THE UCR COMMUNITY DURING A JAM-PACKED DAY OF EXPLORING, EATING, MUSIC, LIVE PERFORMANCES, LECTURES, LEARNING AND MORE!

HOMEcoming | SCOT FEST

SATURDAY, NOVEMBER 16, 2013

- 7:30 a.m. – 11:00 a.m. **7th Annual Spirit of the Tribes 5K Run***
For more information and to preregister, visit spiritofthetribes5k.com
- 9:00 a.m. – 11:00 a.m. **Hike to the “C”**
- 11:00 a.m. – 12:00 p.m. **Back to Class Presentation: Math4All – Professor Pam Clute, CNAS**
- 11:00 a.m. – 3:00 p.m. **Lothian Residence Hall 50th Anniversary – Tours & Dining**
- 11:30 a.m. – 1:00 p.m. **Back to Class Panel Presentation: Alzheimer’s and Dementia – Exploring the Mysteries of Neurological Disorders**
- 12:15 p.m. – 1:15 p.m. **Hike to the “C”**
Gluck Arts Activity
Back to Class Presentations:
- **Autism in Your Community and Why You Should Care – Professor Jan Blacher, GSOE**
 - **Environmental Implications of Nanotechnology – Professor Sharon Walker, BCOE**
 - **Alien Nation: How Science Fiction Television “Channels” Difference – Professor Sherryl Vint, CHASS**
- Botanic Gardens Tour**
Entomology Bug Petting Zoo
- 1:00 p.m. – 3:30 p.m. **Scot Fest**
The 6th Annual Scot Fest will feature a food truck festival, student performances, games for the whole family, interactive college booths, photo booths, caricature artists, live music from KUCR, inflatables, and much more!
- 4:00 p.m. **Homecoming Basketball Game vs. Montana State***
Get tickets at gohighlanders.com or call 951.827.4653.

*Event has fee

MORE INFORMATION

Visit scotfest.ucr.edu for full details and to register for events. All events are free unless otherwise noted.

PARKING

Parking on campus is \$5 per car on Homecoming Saturday and is valid all day.

CAMPUS STORE

Visit the Campus Store to get all your Highlander gear. Alumni Association members receive an additional 10% discount.

Hours: Friday, November 15: 8 a.m. – 7 p.m.
Saturday, November 16: 9 a.m. – 4 p.m.

REUNIONS, RECEPTIONS, BREAKFAST & LUNCHEONS

FRIDAY, NOVEMBER 15, 2013

- 4:30 p.m. – 6:30 p.m. **College of Natural and Agricultural Sciences Alumni Reception**
- 5:00 p.m. – 7:00 p.m. **Graduate School of Education Annual Homecoming Reception**

SATURDAY, NOVEMBER 16, 2013

- 9:30 a.m. – 11:00 a.m. **Alumni Association Leaders Breakfast* (\$25)**
- 11:00 a.m. – 1:30 p.m. **Asian Pacific Student Programs Alumni Reunion* (\$10)**
- 12:00 p.m. – 2:00 p.m. **School of Business Administration Blues & Brews Reception**
- 1:00 p.m. – 3:30 p.m. **CHASS Musical Meet & Greet at Scot Fest**
- 1:00 p.m. – 3:30 p.m. **BCOE Interactive Fun at Scot Fest**
- 1:00 p.m. – 3:30 p.m. **CNAS Interactive Fun at Scot Fest**
- 6:30 p.m. – 9:00 p.m. **Men’s Basketball Alumni Reunion**

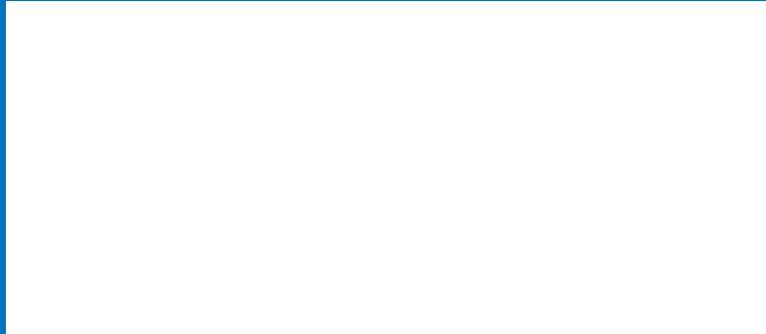
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