

Three Options Proposed for Systemwide Salary Cuts

Faculty, staff, asked to give feedback on the proposals.

By Kris Lovekin

On Wednesday, June 17, UCR received an update about the need for the UC system to implement pay cuts and/or furloughs to close a growing budget gap caused by economic difficulties in California.

As a way of saving close to \$200 million across the UC system, UC President Mark Yudof has suggested three options, which are posted at www.budget.ucr.edu.

All of the options result in a similar reduction in total yearly salary, but each varies in some details.

For instance, taking all holidays as furlough days will result in relatively lower pay checks in December and January, about the time people typically are spending more.

Options are:

- Option 1: Pay Cuts Alone. An 8 percent pay cut for those making more than \$46,000 annually; and a 4 percent pay cut for those below that salary.
- Option 2: Furloughs Alone. Holidays will be unpaid and other furlough days will be scheduled to equate to about the same amount of salary savings over the course of the year.
- Option 3: Some of Each. A 3.4 percent pay cut with enough unpaid holidays and furlough days to make up the rest of the salary savings.

Chancellor Timothy P. White is asking for campus feedback on the pros and cons of those proposals. He is asking that comments

be sent by July 8 to budgetquestions@ucr.edu.

President Yudof will then present the three options (or some variation) and make a recommendation to the regents at their July 15-16 meeting.

"You will see that the document does not contain many specifics related to the kinds of questions you have raised to date," White wrote in a letter to campus, referring to Yudof's proposals.

"Nevertheless, UCOP is aware of your concerns and is working to develop answers. In the next week, UCOP will post a list of frequently asked questions (FAQs) on the UCOP Web site, along with responses."

White said he, along with all of the chancellors, are advocating that the regents take action to protect retirement pay and service credits.

Based on interaction with UCOP, White said UCR will take a minimum of a \$40

million overall reduction, which may grow because of the continuing erosion of the state's economy and the political decisions being made.

White said he will implement an already identified \$15 million in specific unit reductions, plus another \$2 million in chancellorial actions. Even with a UC-wide salary cut and/or furlough plan, the campus will still need to identify another \$12 to \$19 million in cuts for the 2009-10 academic year.

"You are never far from my mind," White wrote in the letter to the campus. "I am painfully aware of the many sacrifices you and your families are and will be making. I have heard of young couples trying to purchase new homes, older parents whose children have moved back in with them, families with multiple children in college. Each of these is heartbreaking, and I regret that we are faced with this difficult and distressing choice."



Bill Bingham and Al Chavez lead graduates as they enter the commencement ceremony for the College of Engineering. It was the final of seven ceremonies held June 12-15. Below, parents and students celebrate commencement.

Photos by Jim Dexter

A Cool Commencement

By Kris Lovekin

More than 3,000 students walked in commencement ceremonies June 12 through 15, supported by more than 270 volunteers, including faculty and staff members.

"They really appreciate all the work you've done to get them to that place," said Mike Atienza, an academic advisor for students earning degrees in media and cultural studies and women's studies.

He worked at the candidate check-in table. One job was to help late arriving students as they ran with cap and gown in hand to the commencement registration tables.

"You can see that they are so distraught that they are about to miss their graduation," said Atienza. "We would call to them as they approached the table, 'What's your last name?' By the time they got to us, they were ready to go. They were so happy that we could help them quickly and get them on their way."

Kim Lane, an editor in Strategic Communications and a veteran volunteer, talked about her "commencement miracle."

Shortly after the ceremony ended, a lost, crying and distraught mother approached her asking help to find the family she had been separated from amidst a sea of thousands of people. She had tried to reach her daughter on a cell phone, but the noisy crowd made it impossible to hear a ringing phone.

She couldn't remember where she had last seen them, so reconnecting the woman with her family seemed an unlikely possibility until the crowd cleared, said Lane.

"I didn't know what else to do, so I just said 'Let's take a walk over to the bell tower.' I couldn't believe it, there they were."



Diane Viero, who directs the festivities for the Office of Event Management and Protocol, said even with all the hard work setting up chairs and preparing programs and booking speakers, the weather plays a big role in how the ceremonies go.

"Fortunately, it was cool. That has a big impact on health-related issues, how people feel, their tempers and their experience."

Speakers this year included Chancellor Timothy P. White, former Chancellor Ray Orbach, campus donor Gordon Bourns and several successful UCR alumni, including Pulitzer Prize-winning cartoonist Steven Breen, Nobel prize-winning scientist Richard Schrock, environmental attorney Joel Reynolds and businessman Ted Weggeland.

Entrances, Walkways, Curbs and Pathways to be Surveyed

By Kris Lovekin

A team of consultants will be surveying the campus this summer for ways to make UCR more accessible to people with disabilities.

The mission is to update campus compliance with the 1992 Americans with Disabilities Act and Title 24 of the California Building Standard Code.

"Anything that prevents access on the main campus or at UCR Extension will be noted," said Eileen Takata, senior physical planner at UCR. The survey will include all academic facilities, student housing, other public facilities, paths of travel, disabled parking and drop-off locations. "We are asking our campus staff and faculty to cooperate fully with the survey team, who will wear bright orange vests and carry identification cards."

She said the survey will help develop a plan of action for changing anything that blocks access to campus facilities for students and/or members of the public. The company doing the work is Architerra MacRae Architects with National Access Consultants, Inc.

They will include information gathered at focus groups with staff, faculty, students and members of the general public.

A preliminary survey report will be drafted in late 2009 for review and public forums will be set in late 2009 and early 2010 to receive comments.

The final report including an implementation plan, scheduled for spring 2010, will indicate which changes have the highest priority so the campus can get those projects under way as time and resources allow.

"Priority will be given to making sure there is at least one accessible entrance to every building, and that students can get to their classes, their meals and other campus facilities," said Takata.

A planning committee will include Lenita Kellstrand, director of special services, as well as representatives from housing, the academic senate, the affirmative action office, student affairs, the Associated Students of UCR, the Graduate Student Association and human resources.

"I'm really excited that this is being embraced on a campuswide level, so that everyone is buying into this project," Kellstrand said.

She said one improvement on campus has already been made, with the construction of the new HUB building at the center of campus, because it provides a level path from the Surge building toward the bell tower.

"This new survey will allow us to know exactly what we need to do, and make plans to achieve it."

To report access barriers for students or visitors on campus, send suggestions to project manager Eileen Takata at Eileen.takata@ucr.edu.

Getting Personal



Allison Page

Raiders family ... RaiderNation!!! I love to travel (St. Lucia is my current favorite destination), crochet and spend time with my family and friends. I am currently in summer school at Mira Costa Community College in Oceanside, Calif.

Name: Allison "Allie" Page

Department: The A. Gary Anderson Graduate School of Management

Job: Executive assistant to the dean

Length of employment: September 2006. I transferred from UC San Diego, where I worked from February 1999 to August 2006.

My work focuses on: Providing executive level support to the dean and serving as a primary liaison to the associate deans, department chairs and senior staff. I interact with members of the business community including donors, the Dean's Advisory Board and community organizations, as well as representatives from key central offices on campus to facilitate and coordinate the dean's activities

Things you should know: Proud mother of Tasha Rodriguez who currently attends the University of San Francisco. I am a devoted member of Oakland

Honors Programs Recognizes Faculty Mentors

Students in the University Honors Program have recognized three professors for teaching excellence and mentoring support of undergraduates in the program. Faculty are nominated by honors program students.

Chris Abani, professor of creative writing, was named 2008-09 Professor of the Year for his course, Creative Writing 97H: Freshman Honors Project. The award is presented to honor faculty for outstanding teaching and mentoring.

A student who nominated Abani said the poet and novelist "helped stretch my understanding of poetry and writing to a new level, helping me engage with my writing and myself on a deep and profound level. He helped me to believe in what I do. Professor Abani regularly pushes his students to consider writing and the world in a new and deeper way, whether they are practiced writers or people who have never written a poem before. And he does so with compassion and humor that makes him an infinitely relatable teacher as well as an incredible writer."

Named 2008-09 Faculty Mentors of the Year for their support of upper division honors students were Xuan Liu, professor of biochemistry, and Tuppert Yates, assistant professor of psychology. The mentorship award is presented for outstanding service and dedication to mentoring students who are conducting undergraduate research.

A student who nominated Liu said her advice and supervision have taught responsibility and a work ethic as well as how to think critically and solve problems. "No one has been more involved in my undergraduate career than Dr. Liu," he wrote.

Many undergraduate student researchers nominated Yates for her care and affection in seeing them succeed.

"Dr. Yates finds the time to meet with her students individually, inquire about their progress and ask about their plans for the future," one student wrote. "She recognizes their strengths to give them confidence and encourage them to keep on striving. At the same time, she is honest to tell her students their weaknesses, not to discourage them but to help them keep their feet on the ground, and encourage them to work harder to turn this (weakness into a strength)."

CHASS Faculty Recognized for Distinguished Teaching

Traise Yamamoto, associate professor of English, is the senior recipient of the 2009 CHASS Distinguished Teaching Award. Her nomination was based on her effectiveness in the classroom and her status as a nationally recognized scholar in her field of Asian American literature.

Yamamoto has chaired or co-chaired 13 dissertation committees and was a member on eight others. She provides a rich and challenging classroom environment and her presence is noted to be a draw to the program for incoming students.

As the recipient of the award, Yamamoto also receives the Patricia McSweeney McCauley Chair in Teaching Excellence.

The recipient of the CHASS Junior Faculty Distinguished Teaching Award is Christina Schwenkel, assistant professor of anthropology.

Schwenkel has consistently received high teaching evaluations for her undergraduate and graduate level courses, which have praised her rigorous expectations and her availability as a mentor to all students.

John Fischer, distinguished professor of philosophy and UC President's chair, received the CHASS Distinguished Research Lecturer Award.

Fischer's research varies from ethics to death and immortality to the meaning of life. His large body of publications have established him as an internationally renowned scholar who has shaped modern studies of free will and moral responsibility.

Nominations for both awards are submitted by members of the UCR Academic Senate. The awards are based on the overall teaching record, curricular innovations and service outside the classroom, especially within the last three years. Recipients of the award must be members of academic senate.



Traise Yamamoto

Awards & Honors

Best Practices Recognized in Information Technology

UCR's facilities reservation system and the R'Space portal were recognized as excellent information technology practices in the UC system at a June 16 UC Computing Services Conference at UC Davis.

All together, nine projects were recognized across the system as winners of the 2009 Larry L. Sautter Award.

Named for a former UCR employee, the annual awards program recognizes information technology projects that advance the university's mission of teaching, research, public service and patient care or that improve the effectiveness of business or administrative processes.

The facilities reservation sys-

tem, which received a silver award, allows for the management of conference space, meeting rooms, labs, equipment and arts facilities. It was developed by a team led by James Lin, chief technology officer in College of Humanities, Arts, and Social Sciences.

R'Space, which received an honorable mention, was developed by Computing and Communications as a portal for staff. It includes commonly used tools and resources, as well as a customizable interface.

"When it comes to new systems and technology, I am usually challenged in using them. But with R'Space, it is not only easy to use, but is the only Web site I need to go to," wrote Andy Plumley, assistant vice chancellor of auxiliary services, for the portal nomination application.

Additional winners of the Sautter awards and the program descriptions are posted at www.ucop.edu/irc/itlc/sautter.

Herrera Chosen for Best Poetry

Juan Felipe Herrera, professor of creative writing, has won the 2009 award for best poetry book in English from Latino International Book Awards. The award for "Half of the World in Light: New and Selected Poems," was presented during BookExpo America on May 28 in New York City.

The Latino International Book Awards recognize the contributions to Latino literature by publishers and writers around the world.

"Half of the World in Light" won the National Book Critics Circle award for poetry earlier this year.

Who Says?

"It gives a message to Muslims that the United States is not going to impose its values, that the United States is equal to all countries in the world, and the Muslim world."

Muhamad Ali, assistant professor of religious studies, on President Barack Obama's recent speech in Cairo.

THE PRESS-ENTERPRISE

"The old notion was that the driver of the local economy is cheap dirt. We have the land, so let's build something less expensive than anyone else can. ... This downturn has convinced people it's not a complete picture of economic development."

David Stewart, dean of the A. Gary Anderson Graduate School of Management, on the direction of local city development.

THE PRESS-ENTERPRISE

"Almost all biological control processes use natural enemies that are highly screened for post-specificity, meaning they feed exclusively on the pests you want to eradicate. Genetic engineering allows you to enhance this trait significantly so that the engineered insects eat the desired species and then starve themselves to death."

Mark Hoddle, professor of entomology, on the new solution to genetically engineer predators that will help control the Asian citrus psyllid that has decimated the orange industry in Florida and has no known predators in America.

ALIBABA NEWS CHANNEL

"These are the 'widows and orphans' of every tax debate, advanced to distract attention."

Mason Gaffney, professor of economics, speaking about how the oil companies used the flawed argument that passing Proposition 87, which would place a tax on oil companies, would put small refineries out of business.

LOS ANGELES TIMES

"Low-predation females . . . produce larger embryos because the larger babies are more competitive in the resource-limited environments typical of low-predation sites."

Swanne Gordon, a graduate student who works in the lab of David Reznick, a professor of biology, on research that found that guppies evolved to adapt to a low-predation environment in just eight years.

U.S. NEWS AND WORLD REPORT

"It's a good feeling because people are now starting to recognize the little Mexican girl from Riverside. You don't really hear that often. It's like yeah, I brought the program up."

Brenda Martinez, UCR student and track star. Martinez recently placed second in the women's 1,500 meters in the NCAA Track and Field Championships at the University of Arkansas, the highest finish ever by a UCR Highlander

THE PRESS-ENTERPRISE

"If you give him an idea that you can fit on the tip of a finger, he comes back a week later imagining the whole arm."

Manuela Martins-Green, professor of cell biology, speaking about former Ph.D. student Qi-Jing Li, who now works at Duke University, where he studies microRNAs and T-cell response.

THE SCIENTIST

"One might suppose that ethicists would behave with particular moral scruple. After all, they devote their careers to studying and teaching about morality. Presumably, many of them care deeply about it. And if they care deeply about it, it is not unreasonable to expect them to act on it."

Eric Schwitzgebel, associate professor of philosophy. He and colleague, Joshua Rust of Stetson University, have written a paper that a college professorship in ethics does not necessary translate into moral behavior on the part of the professor.

INSIDE HIGHER ED

"The variety and ubiquity of same-sex sexual behavior in animals is impressive — many thousands of instances of same-sex courtship, pair bonding and copulation have been observed in a wide range of species, including mammals, birds, reptiles, amphibians, insects, molluscs and nematodes."

Nathan Bailey, a postgraduate researcher, who working with Marlene Zuk in a peer-reviewed survey, found that homosexuality is so widespread among some animal species that it can reshape their social dynamics and even change their DNA.

TIMES ONLINE

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

Did You Know?

Interested in the diverse history of Native American culture? Check out UCR's Center for California Native Nations.

Policy-makers rely on the center's research and resources to keep up with the revolutionary rates of change in Indian country, especially in California. The center currently focuses on new opportunities for economic development and tribal government.

Find out more at ccnn.ucr.edu



Rupert and Jeannette Henry Costo, pictured here on University Avenue, helped found UCR and created the Costo Chair of American Indian Affairs.

Research & Scholarship

Peer-review Finds Same-sex Not Unusual

Same-sex behavior is a nearly universal phenomenon in the animal kingdom, common across species, from worms to frogs to birds, concludes a new review of existing research authored by evolutionary biologists Marlene Zuk and Nathan Bailey.

"It's clear that same-sex sexual behavior extends far beyond the well-known examples that dominate both the scientific and popular literature: for example, bonobos, dolphins, penguins and fruit flies," said Bailey, the first author of the review paper and a postdoctoral researcher in Zuk's lab.

Published June 16 in the journal *Trends in Ecology & Evolution*, the review also finds that although many studies are performed in the context of understanding the evolutionary origins of same-sex sexual behavior, almost none have considered its evolutionary consequences.

"Same-sex behaviors — courtship, mounting or parenting — are traits that may have been shaped by natural selection, a basic mechanism of evolution that occurs over successive generations," Bailey said. "But our review of studies also suggests that these same-sex behaviors might act as selective forces in and of themselves."

A selective force, which is a sudden or gradual stress placed on a population, affects the reproductive success of individuals in the population.

"When we think of selective forces, we tend to think of things like weather, temperature or geographic features, but we can think of the social circumstances in a population of animals as a selective force, too," Bailey said. "Same-sex behavior radically changes those social circumstances, for example, by removing some individuals from the pool of animals available for mating."

Next in their research, Bailey and Zuk plan to begin experimentally addressing some of the many issues raised in their review.

The academic senate funded the one-year study.

Westfahl Publishes Book

Gary Westfahl, EDGE program coordinator and a science fiction scholar, has published two new books.

Westfahl edited "The Science of Fiction and the Fiction of Science: Collected Essays on SF Storytelling and the Gnostic Imagination"

(series editors Donald E. Palumbo and C.W. Sullivan III), a collection of essays by the late Frank McConnell that were first presented as papers at the Eaton Conferences. McConnell was a professor of English at Northwestern University and UC Santa Barbara.

The second book, "Science Fiction and the Two Cultures: Essays on Bridging the Gap between the Sciences and the Humanities," co-edited with George Slusser, is a belated collection of essays from the 1999 Eaton Conference. Slusser is professor emeritus of comparative literature and foreign languages and curator emeritus of the Eaton

Collection.

Lalami Book Praised

The New York Times Sunday Book Review published a review of "Secret Son," the first novel by **Laila Lalami**, assistant professor of creative writing, on June 7.

The novel "is a nuanced depiction of the roots of Islamic terrorism, written by someone who intimately knows one of the stratified societies where it grows," reviewer Gaiutra Bahadur wrote. It "explores the dysfunctional politics and dispossessed psyches that allow militant Islamists to win easy converts in a Casablanca slum, where every day the government fails its people."

Lalami's first book was a collection of short stories, "Hope and Other Dangerous Pursuits."

Polymer Beads Change Color

A research team led by the Department of Chemistry's **Yadong Yin** has fabricated microscopic polymer beads that change color instantly and reversibly when external magnetic fields acting upon the microspheres change orientation.

The beads or "magnetochromatic microspheres" have excellent structural stability. They also are highly compatible with various types of dispersion media such as water, alcohol, hexane and even polymer solutions, allowing them to retain magnetically tunable colors in a variety of chemical environments.

"Unlike many conventional approaches, the instantaneous color change occurs with no change in the structure or intrinsic properties of the microspheres themselves," said Yin, an assistant professor of chemistry. "What changes instead are the magnetic fields acting externally on the orientation of these microspheres, these photonic crystals. Our work provides a new mechanism for inducing color change in materials. Now, for the first time, stable photonic materials with tunable colors can be fabricated on a large scale."

Applications of the new material include display type units such as rewritable or reusable signage, posters, papers and labels, and other magnetically activated security features. The new material also can be used to make environmentally friendly pigments for paints and cosmetics, as well as ink materials for color printing.

Study results appeared June 15 in the online issue of the *Journal of the American Chemical Society*.

Yin, recently named a Cottrell Scholar by the Research Corporation for Science Advancement, was joined in the research by **Jianping Ge** (first author of the research paper), **Le He**, **Zhenda Lu** and **James Goebel** of UCR; and Howon Lee, Junhoi Kim, Hyoki Kim and Sunghoon Kwon of Seoul National University.

Next in the research, Yin and his colleagues plan to work on the specific applications of the magnetochromatic microspheres.

The four-month study was supported by UC Riverside startup

funds and the Petroleum Research Fund administered by the American Chemical Society.

The UCR Office of Technology Commercialization has filed a patent application on the technology

Grant to Fund Cellular Research

Katherine Borkovich, a professor in the Department of Plant Pathology and Microbiology, has received a four-year \$1.22 million grant from the National Institutes of Health to study the cellular roles of a protein, RIC8, which is required for embryonic development and proper functioning of the nervous system in animals.

Borkovich and her team of researchers will use the model eukaryotic system *Neurospora crassa* in their study.

Neurospora crassa is the only microbial system, as well as the most genetically tractable organism that is currently available for this research.

"For the first time, RIC8 can now be studied in a microbial organism, the fungus *Neurospora crassa*, that can be easily manipulated both genetically and biochemically," Borkovich said.

She will be joined in the research by personnel from her lab: specialist **Gyungsoon Park** and graduate students **Sara Martinez-Wright**, **James Kim**, **Patrick Schacht** and **Alexander Michkov**.

CHASS Celebrates Books

More than 40 CHASS faculty who published books between May 2008 and May 2009 were celebrated at a reception June 11 on the dean's patio.

"Once again the faculty of the College of Humanities, Arts and Social Sciences has produced a wonderful cornucopia of extraordinary books," said Georgia Warnke, associate dean. "We may be hurting financially but our faculty continues to move from strength to strength."

Faculty and their books include: **Susan Antebi**, "Carnal Inscriptions: Spanish American Narratives of Corporeal Difference and Disability;" **Reza Aslan**, "How to Win a Cosmic

War: God, Globalization and the End of the War on Terror;" **Benjamin Bishin**, "Tyranny of the Minority: The Subconstituency Politics Theory of Representation."

Jayna Brown, "Babylon Girls: Black Women Performers and the Shaping of the Modern;" **Amalia Cabezas**, "Economies of Desire: Sex and Tourism in Cuba and the Dominican Republic;" **Joseph Childers** and **Stephen Cullenberg** (with Jack Amariglio, eds.), "Sublime Economy: On the Intersection of Art and Economics."

Stefan Chrissanthos, "Warfare in the Ancient World: From the Bronze Age to the Fall of Rome;" **Alba Cruz-Hacker**, "No Honey for Wild Beasts;" **Derick Fay** (with Deborah James, eds.), "The Rights and Wrongs of Land Restitution: Restoring What was Ours;" **John Fischer**, "Our Stories: Essays on Life, Death and Free Will."

Randolph Head, "Jenatsch's Axe: Social Boundaries, Identity, and Myth in the Era of the Thirty Years War;" **Tofigh Heidarzadeh**, "A History of Physical Theories of Comets, from Aristotle to Whipple;" **Juan Felipe Herrera**, "Half the World in Light: New and Selected Poems," co-winner of the 2008 National Book Critics Circle Award for Poetry.

Paul Hoffman, "Essays on Descartes;" **Erith Jaffe-Berg**, "The Multilingual Art of Commedia dell'Arte;" **Dale Kent**, "Friendship, Love and Trust in Renaissance Florence;" **Anthea Kraut**, "Choreographing the Folk: The Dance Stagings of Zora Neale Hurston."

David B. Kronenfeld, "Culture, Society and Cognition: Collective Goals, Values, Action and Knowledge," and "Fanti Kinship and the Analysis of Kinship Terminologies;" **Judy Kronenfeld**, "Light Lowering in Diminished Sevenths;" **Tim Labor**, "Escape from Ga-Tyr."

Laila Lalami, "Secret Son;" **Perry Link** (ed.), "The Scholar's Mind: Essays in Honor of F.W. Mote;" **Anthony Macias**, "Mexican American Mojo: Popular Music, Dance, and Urban Culture in Los Angeles, 1935-1968;" **Justin McDaniel**, "Gathering Leaves and Lifting Words."

Juliet McMullin with Diane

Weiner, "Confronting Cancer: Metaphors, Advocacy, and Anthropology;" **John Medearis**, "Joseph A. Schumpeter;" **Toby Miller**, "Make-over Nation: The United States of Reinvention;" **Armando Navarro**, "The Immigration Crisis: Nativism, Armed Vigilantism, and the Rise of a Countervailing Movement."

Robert Nash Parker with Emily K. Asencio, "GIS and Spatial Analysis for the Social Sciences: Coding, Mapping, and Modeling;" **Prasanta K. Pattanaik** (with Koichi Tadenuma, Yongsheng Xu, and Naoki Yoshihara, eds.), "Rational Choice and Social Welfare," and (with Paul Anand and Clemens Puppe, eds.), "The Handbook of Rational and Social Choice."

Victoria Patterson, "Drift;" **Freya Schiwy**, "Indianizing Film. Decolonization, the Andes, and the Question of Technology;" **Maurya Simon**, "Cartographies;" **Ivan Strenski**, "Louis Dumont and the Study of Religion: Difference, Comparison, Transgression;" **Sterling Stuckey**, "African Culture and Melville's Art: The Creative Process in 'Benito Cereno' and 'Moby-Dick.'"

Jonathan H. Turner and **Alexandra Maryanski**, "On The Origins of Societies by Natural Selection;" **Jonathan Walton**, "Watch This: The Ethics and Aesthetics of Black Televangelism;" **Jane Ward**, "Respectably Queer: Diversity Culture in LGBT Activist Organizations;" **Susan Zieger**, "Inventing the Addict: Drugs, Race, and Sexuality in Nineteenth-Century British and American Literature."

Faculty who published new editions of previously published books include: **Wendy Ashmore** (with Robert J. Sharer), "Discovering Our Past: A Brief Introduction to Archaeology," 5th edition, and (with Robert J. Sharer) "Odkrywanie Przeszłości: Wprowadzenie do Archeologii" (Polish translation of "Discovering Our Past: A Brief Introduction to Archaeology," 4th edition trans. Janusz K. Kozłowski).

Adriana Craciun, "Fatal Women of Romanticism," paperback edition; **Mary Gauvain** (with M. Cole, eds.), "Readings on the development of children," 5th edition; **Ross Parke** and **Mary Gauvain**, "Child Psychology: A Contemporary Viewpoint," 7th edition.

Guppy Evolution takes Less Than a Decade

By Iqbal Pittalwala

How fast can evolution take place? In less than a decade, according to a new study on guppies led by Swanee Gordon, a graduate student who works in the lab of David Reznick, a professor of biology.

Gordon, Reznick and their colleagues studied guppies — small fresh-water fish biologists have long studied — from the Yarra River, Trinidad. They introduced the guppies into the nearby Damier River, in a section above a barrier waterfall that excluded all predators. The guppies and their descendents also colonized the lower portion of the stream, below the barrier waterfall, that contained natural predators.

Eight years later (less than 30 guppy generations), the researchers found that the guppies in the low-predation environment above the barrier waterfall had adapted to their new environment by producing larger and fewer offspring with each reproductive cycle.

No such adaptation was seen in the guppies that colonized the high-predation environment below the barrier waterfall.

"High-predation females invest more resources into current reproduction because a high rate of mortality, driven by predators, means these females may not get another chance

to reproduce," explained Gordon. "Low-predation females, on the other hand, produce larger embryos because the larger babies are more competitive in the resource-limited environments typical of low-predation sites. Moreover, low-predation females produce fewer embryos not only because they have larger embryos but also because they invest fewer resources in current reproduction."

Gordon's research team performed a second experiment to measure how well adapted to survival the new population of guppies were. To this end, they introduced two new sets of guppies, one from a portion of the Yarra River that contained predators and one from a predator-free tributary to the Yarra River into the high-and low-predation environments in the Damier River.

They found that the resident, locally adapted guppies were significantly more likely to survive a four-week time period than the guppies from the two sites on the Yarra River.

This was especially true for juveniles. The adapted population of juveniles showed a 54 percent to 59 percent increase in survival rate compared to their counterparts from the newly introduced group.

She and Reznick were joined in the study by Michael Bryant of



Guppies produce fewer but larger offspring when they are not threatened. Photo by Paul Bentzen

UCR; Michael Kinnison and Dylan Weese of the University of Maine, Orono; Katja Räsänen of the Swiss Federal Institute of Technology, Zurich, and the Swiss Federal Institute of Aquatic Science and Technology, Dübendorf; and Nathan Miller and Andrew Hendry of McGill University, Canada.

Financial support for the study was provided by the National Science Foundation, the Natural Sciences and Engineering Research Council of Canada, the Le Fonds Québécois de la Recherche sur la Nature et les Technologies, the Swedish Research Council, the Maine Agricultural and Forestry Experiment Station, and McGill University.

Study results appear in the July issue of *The American Naturalist*.

Associate Vice Chancellor for Strategic Communications: Marcia McQuern

Editor: Kim Lane

Editorial Assistant: Kat Sanchez

Inside UCR is published by the Office of Strategic Communications, twice monthly on the second and fourth Wednesday of each month, except December, July, August and September, when it is published the second Wednesday of the month.

Send story ideas and comments to InsideUCR@ucr.edu

Issues are available online at www.insideucr.ucr.edu.

NSF Grant Paves the Way for Future Teachers

By Todd Ransom

An \$887,433 National Science Foundation grant from the Robert Noyce Scholarships Program will fund a program that involves more than 50 classrooms in six middle and five high schools, supporting one to 15 district mentor teachers per year and approximately 2,000 students in the rapidly growing, low-performing Moreno Valley Unified School District. Surrounding school districts are also likely to benefit from the award.

The grant was given to Pamela Clute, executive director of the Academy of Learning through Partnerships for Higher Achievement (ALPHA); Brad Hyman, professor of biology, and faculty director, Science Mathematics Initiative within the College of Natural and Agricultural Sciences; and Maria Simani, director of the UCR P-20 Regional Alliance and future UCR Noyce program director.

"This grant allows us to capitalize on the university's internal partnership between the College of Natural and Agricultural Sciences, the Graduate School of Education and the ALPHA Center for Academic Partnerships," said Clute. "Together we have a mission to find the best students and mentor them through undergraduate and graduate school and into teaching jobs in Moreno Valley."

Progress will be observed to determine the impact of the program on teacher performance, commitment to serving the district, impact as a student role model, longevity to the profession and ability to assume leadership. The end goal is to establish a model that can be replicated to shape teachers who will best prepare students for the 21st century.

"The training infrastructure and curriculum are already in place at UCR, but we hope to expand upon those elements to create a continuum of teacher preparation and development," Hyman said. "The end result will be more than 40 new secondary mathematics and science teachers who are prepared and motivated educators within our partnership district."

"The goal of the Noyce program is to increase the number of high-quality teachers in science, technology, engineering and mathematics (STEM) who are prepared and motivated to face the educational challenges of high-need schools," Simani said. "Our Noyce scholars will have an important impact on the lives and careers of students and teachers in our partnering schools."

The Robert Noyce Teacher Scholarship Program seeks to encourage talented science, technology, engineering and mathematics majors and professionals to become K-12 mathematics and science teachers. The program provides funds to institutions of higher education to support scholarships, stipends and academic programs for undergraduate science, technology, engineering and mathematics (STEM) majors and post-baccalaureate students holding STEM degrees who commit to teaching in high-need K-12 school districts.

Youth Education Partnership Gets AmeriCorps Grant

Riverside youth will get some extra help with schoolwork as a result of a recent AmeriCorps grant. The University Eastside Community Collaborative (UECC) received \$281,164 per year for the next three years to help provide approximately 1,300 Eastside youth with tutoring in language arts and mathematics at area schools. It also provides mentoring at area parks and community centers.

The University Eastside Community Collaborative was established in 1995 by then-UCR Chancellor Raymond Orbach, Riverside Mayor Ron Loveridge and Anthony Lardieri, the superintendent of the Riverside Unified School District. Its mission is to help improve the quality of life in the neighborhood adjacent to the UCR campus, known as the Eastside, and to promote academic achievement for the youth living there. The collaborative partners provide in-kind resources and financial support.

"We will be recruiting 80 college students to provide tutoring and after-school mentoring," said Josh Maher, UECC project director. "These students will work either 450 hours or 675 hours in a year. They will be awarded scholarships upon completion, \$1,250 for 450 hours and \$1,800 for 675 hours."

Maher added that biweekly community service events, such as cleaning up the park, graffiti paint outs and tree planting, are also a part of the program.

"The UECC not only works to improve academic performance but also strengthens the Eastside community through increased volunteerism," said James Sandoval, vice chancellor of student affairs. "We're very pleased to be awarded this grant to continue the collaboration of this partnership."

Campus Calendar

Ongoing

UCR/California Museum of Photography (Exhibits through Aug. 29 unless noted)

Exhibition: "Sight Unseen," features work by 12 blind photographers from around the world and explores the paradox and revelation of the photographic vision of visually impaired artists.

Exhibition: "Concrete Abstractions," presents the work of photographer Aaron Siskind, whose work turned from politically engaged toward abstraction, in anticipation of the Abstract Expressionism of post-war painting.

Exhibition: "Agent Orange: Landscape, Body, Image," explores the tragedy of war, and the (in) visible legacies that have damaged the ecological, genetic and social landscapes in Vietnam and elsewhere.

Exhibition: "Wish You Were Here: Vacation Getaways from the Collection," features photographs, and stereographic and panoramic examples of hotels, resorts and campsites selected from UCR/California Museum of Photography's permanent collection.

Exhibition: "Joshua Tree Photo Exhibition," features an array of images, some classically styled desert landscapes, others nocturnal scenes, taken during a recent trip to Joshua Tree. Through Aug. 30.

Exhibition: "Top 40," features works collected from contemporary artists who use computer-based media. July 1-Aug. 22.

The UCR/California Museum of Photography is located at 3824 Main St., Riverside. Information: www.cmp.ucr.edu.

June

24 Wednesday
Work/Life and Wellness Course: Men's Health, Muscles, Meals and More, Noon-1 p.m., Commons, Room 268.



Men's Health

Free. (Women welcome). Information: humanresources.ucr.edu.

Training: Responding to a Crisis Situation, 9-10 a.m., 3500 Canyon Crest Drive, Free. Information: humanresources.ucr.edu.

25 Thursday

Training: Making Excellence Inclusive: a UCR Diversity Certificate Program, 8:30 a.m.-1 p.m., UC Riverside Extension Center, Room A. Free. Information: humanresources.ucr.edu.

Training: Responding to a Crisis Situation, 9-10 a.m., 3500 Canyon Crest Drive, Free. Information: humanresources.ucr.edu.

27 Saturday

Excursion: Snorkeling in La Jolla, 9 a.m.-5 p.m., La Jolla, \$44 (\$40 early registration). Information: excursions.ucr.edu.

Enrichment: Getting Started in Digital Photography, 9 a.m.-5 p.m., UC Riverside Extension Center, Room TBA, \$145. Information: www.extension.ucr.edu.



Digital Photography

27 through July 25

Enrichment: Basic Drawing I, 9 a.m.-4 p.m., Saturdays, UC Riverside Extension Center, Room TBA, \$195. Information: www.extension.ucr.edu.

28 Sunday

Excursion: Introduction to Surfing, 9 a.m.-5 p.m., San Clemente Pier, \$88 (\$80 early registration). Information: excursions.ucr.edu.

30 Tuesday

Training: UCR Staff Orientation, 8 a.m.-5 p.m., Human Resources Building (Personnel), Suite I. Free. Information: humanresources.ucr.edu.



Police chief Mike Lane, far right, takes off with other members of the UCPD as they start the UCR leg of the torch run for Special Olympics.

Photo by Kat Sanchez

Pass it On

On June 9 UCPD and the Riverside Police Department participated in the 2009 Southern California Law Enforcement Torch Run, an event that supports the local Special Olympics. UC officers received the torch at the entrance to the campus at University Avenue and West Campus Drive, and handed it off to the FBI at the Canyon Crest Town Center, who took the torch to Moreno Valley.

The torch run ended June 12 at California State University Long Beach, where it was delivered for the start of the 2009 Special Olympics Summer Games.

UCPD Chief Mike Lane carried the torch. Runners from UCR included Assistant Chief Eddie Garcia, Lt. John Freese, Sgt. Seth Morrison, Sgt. Jason Day, Detective Yvonne Hoffert, Officer Trish Harding, Officer James Wright, Officer Jessie Orona, Officer Larrie Bowen, Officer Wade Stern and Officer Aman Kidane.

"Visiting" to Air at the Palm Springs Film Festival

A short film by Charles Evered, assistant professor of playwriting, will premiere at the 2009 Palm Springs International Film Festival ShortFest.

"Visiting," which stars Amy Locane and James Waterston, is an official selection of the film festival and will screen June 24 and 28. The film is about two "lost souls" who meet at a cemetery.

Evered's first feature-length film, "Adopt a Sailor," is an official film selection at several film festivals this summer, including the Rainier Independent Film Festival in Ashford, Wash.; Urban/Suburban Film Festival in Philadelphia, Penn.; Reno Film Festival,

Reno, Nev.; Stony Brook Film Festival in Long Island, N.Y.; and Louisville International Film Festival, Louisville, Ky. The movie also will be screened Aug. 18 in the Sedona International Film Festival's Tuesday Night Film Series.

Three monologues from the play "Adopt a Sailor" have been included in Smith and Kraus' "The Best Men's Stage Monologues of 2008."

A 10-minute play by Evered, "Ted's Head," was named Outstanding Play when it premiered in New York City in May as part of the Curan Repertory Company's Notes From the Underground annual festival of one-act plays. The play focuses on two brothers from Boston who want to bury the head of baseball great Ted Williams in Fenway Park.

July

1 Wednesday

Work/Life and Wellness Course: Home Purchasing in Today's Market, 11:30 a.m.-1:30 p.m., Highlander Hall, Lower Costo I/II, Free. Information: humanresources.ucr.edu.



Home Purchasing

2 Thursday

Opening reception: "Top 40," 6-8 p.m., UCR/California Museum of Photography, Free. Information: artsblock.ucr.edu.

Training: Successfully Supervising Students, 8:30 a.m.-noon, Human Resources Building (Personnel), Suite I, \$10. Information: humanresources.ucr.edu.

10 Friday

Training: Conducting Performance Reviews, 8:30 a.m.-noon, Human Resources Building (Personnel) Suite I, \$50. Information: humanresources.ucr.edu.

17 Friday

Training: Benefits Orientation, 8:30 a.m.-noon, Human Resources Building (Personnel) Suite I, Free. Information: humanresources.ucr.edu.

18 through Aug. 1

Enrichment: Weekend Watercolor Workshop, 2-5 p.m., Saturdays, UC Riverside Extension Center, Room TBA, \$145. Information: www.extension.ucr.edu.

22 Wednesday

Training: The Winning Resume, 2-5 p.m., Human Resources Building (Personnel) Suite I, \$10. (Staff only). Information: humanresources.ucr.edu.

23 Thursday

Performance: "Uncovered: A Pageant of Hip Hop Masters," Time TBA, UCR Sweeney Art Gallery. Information: www.sweeney.ucr.edu.

24-25

Enrichment: Growing and Propagating Cacti and Succulents, 6-9 p.m., Friday; 9 a.m.-noon, Saturday, UC Riverside Extension Center, Room TBA, \$59. Information: www.extension.ucr.edu.

28 Tuesday

Training: UCR Staff Orientation, 8 a.m.-5 p.m., Human Resources Building (Personnel) Suite I, Free. Information: humanresources.ucr.edu.

29 Wednesday

Training: Payroll/Personnel Policy Training, 8:30 a.m.-noon, Human Resources Building (Personnel) Suite I, Free. Information: humanresources.ucr.edu.



Pencil Drawing

30 Thursday

Training: Payroll/Personnel Policy Training, 8:30 a.m.-noon, Human Resources Building (Personnel) Suite I, Free. Information: humanresources.ucr.edu.

August

1-15

Enrichment: Introduction to Pencil Drawing, 9 a.m.-3 p.m., Saturdays, UC Riverside Extension Center, Room TBA, \$175. Information: www.extension.ucr.edu.

5 Wednesday

Work/Life and Wellness Course: Homeownership and Personal Finances, 11:30 a.m.-1:30 p.m., Highlander Union Building, Room 268, Free. Information: humanresources.ucr.edu.

For the most up-to-date information on these and other events view the UCR Calendar at www.events.ucr.edu.