

Inside UCR

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Four Professors, Five Alumni Named AAAS Fellows

By Iqbal Pittalwala

Four UC Riverside researchers and five alumni have been named fellows of the prestigious American Association for the Advancement of Science (AAAS). Including this year's fellows, the total number of UCR faculty members who have been recognized with AAAS Fellow distinction is 194.

Election as a fellow is an honor bestowed upon AAAS members by their peers. This year AAAS gave this honor to 539 of its members "because of their scientifically or socially distinguished efforts to advance science or its applications."

The 2011 AAAS Fellows at UCR are:

Xuemei Chen, a professor of plant cell and molecular biology: "For pioneering discoveries in the field of plant biology in small RNA metabolism and plant development."



Xuemei Chen



Rajiv Gupta, a professor of computer science and engineering: "For contributions to computer architecture and optimizing compilers."

Rajiv Gupta

Yingbo Hua, a professor of electrical engineering: "For distinguished contributions to research, teaching and services in signal processing and its applications."



Yingbo Hua



Yinsheng Wang, a professor of chemistry: "For distinguished contributions to the field of bioanalytical chemistry, particularly in the development of novel analytical methods enabling understanding of the biological consequences of DNA damage."

Yinsheng Wang

The five UCR alumni who were named AAAS Fellows this year were **Brian M. Barnes** ('77 B.S., biology) of the University of Alaska, Fairbanks; **Bradford Hawkins** ('84 Ph.D., entomology) of UC Irvine; **Kevin Plaxco** ('86 B.S. biochemistry and chemistry) of UC Santa Barbara; **David C. Geary** ('84 M.A., '86 Ph.D. psychology) of the University of Missouri-Columbia; and **Gerald E. Edwards** ('69 Ph.D., plant science) of Washington State University.

New fellows will be presented with certificates and pins on Feb. 18 during the association's annual meeting in Vancouver, Canada.

All 2011 AAAS Fellows were announced in the Dec. 23 issue of *Science*, a weekly magazine published by the association.

The AAAS is the world's largest general scientific society. Founded in 1848, the association includes 262 affiliated societies and academies of science.

The tradition of AAAS Fellows began a few decades after the association's founding, in 1874. Currently, members can be considered for the rank of fellow if nominated by the steering groups of the AAAS sections, by three fellows or by the association's chief executive officer.

UC Regents Able to Meet at UC Riverside Despite Protests

Regents were whisked out another exit after protesters blocked the loading dock.

By Kris Lovekin

A two-day UC Regents meeting at the Highlander Union Building Jan. 18 and 19 started quietly the first day, but drew several hundred protesters on the second day.

Protesters came from other UC campuses, including UC Santa Barbara, UC San Diego, Berkeley and UC Irvine, as well as Occupy groups from Los Angeles and Northern California.

UC Police managed the response with just three arrests.

One person, a UCR student, was released several hours later and will not be charged.

Two other people, not students, were booked on suspicion of felony assault. Police called in backup from the Riverside Police Department and the Riverside County Sheriff's Department when protesters surrounded the HUB and tried to keep the regents from leaving after the meeting.

Nine UCR officers sustained minor injuries during the daylong protest. When protesters picked up a metal barricade and approached officers, one UCR officer fired air-propelled pellets similar to paintballs to stop the advance.

Regents were able to complete their agenda and then later were whisked out through Costo Hall to waiting vans.

Regents meet six times a year at various locations. UCR Chancellor Timothy P. White said, "The students have legitimate concerns about affordability and access to UC, as well as the quality of their educational experience. I share their deep concern and worry, and I along with so many others are working daily to help find solutions."

He said he appreciated the restraint shown by the students, the police and by the regents in the face of a difficult situation.

He also offered kudos for the hard work of the staff who organized every detail of food, transportation, facilities, safety and communications.



Top: Students speak with Chancellor White after the UC Regents meeting. Middle: Students protest by the surge building and the University Lecture Hall. Right: A student calls for "peace" during the protest.

"I heard over and over from our guests about the special warmth, caring and pride of Highlander Hospitality."

For more information or to see more coverage of the regents' visit go to www.newsroom.ucr.edu/live.

Photos by Ross French and Carrie Rosema.



A New, Yet Familiar Dean: Marylynn V. Yates of CNAS

By Iqbal Pittalwala

Marylynn V. Yates, a UC Riverside professor of environmental microbiology who has served in several leadership positions at the university since her arrival in 1987, was named dean of the College of Natural and Agricultural Sciences (CNAS). Her appointment was effective Jan. 1. She succeeded Thomas O. Baldwin, who led the college for three and a half years.

Said Yates upon her appointment: "CNAS has outstanding faculty, dedicated staff and excellent students. Over the coming months, we all will be working together to redesign our college. Our goal is to better enable faculty to conduct cutting-edge research, to foster interdisciplinary collaborations necessary to tackle the most difficult problems facing society, and to create an environment that will allow us to continue to attract the brightest students and the best new faculty."

During her tenure at the university, Yates has served as chair of the Department of Environmental Sciences; associate executive vice chancellor; program leader for the University of California Division of Agriculture and Natural Resources; chair of the CNAS Executive Committee; co-chair of the Committee on Academic Personnel; associate co-director of the One Health Center, University of California Global Health Institute.

Yates' research focuses on the transmission of human pathogenic microorganisms in environmental media, particularly water and wastewater. She serves on several advisory committees, panels and boards for water quality, including the U.S. Environmental Protec-



Marylynn Yates was named dean of the College of Natural and Agricultural Sciences (CNAS).

tion Agency's Science Advisory Board Drinking Water Committee and the National Research Council's Water Science & Technology Board.

She is a fellow of the American Association for the Advancement of Science, a fellow of the American Academy of Microbiology and was a recipient of UCR's Distinguished Teaching Award in 2001-02. She was named Distinguished Teaching Professor in 2006.

Yates received her doctoral degree in microbiology from the University of Arizona, Tucson, in 1984. She holds a master's degree in chemistry from the New Mexico Institute of Mining and Technology and a bachelor's degree in

nursing from the University of Wisconsin.

During his tenure as dean of CNAS, Baldwin, a biochemist, helped expand the college's profile externally and promoted the cause of science education. He launched a highly successful Science and Society lecture series, created the Science Circle, penned opinion pieces, and established the Science Ambassador program. Baldwin reached out to community leaders, educators and industry for fundraising, science education and partnerships. He will continue to perform some of these outreach activities as the college's executive associate dean for external relations.

Getting Personal



Eugena Thompson

Name: Eugena "Gena" Thompson

Job: Academic program assistant, mathematics department

Length of employment at UCR: February 5th will mark my fifth year. I started as a temporary employee in the Academic Personal Department before getting hired full time in Mathematics.

My work: I serve as first point of contact for students, instructional personnel and visitors, where I enroll and drop students and concurrent students into open math classes. I help counselors update student files and send letters of recommendation, and assist with releasing the advising holds for grad students. I also collaborate with the graduate student affairs officer in supervising our department student workers and entering information into Grad SIS and FileMaker Pro. I serve as backup for the accounting/payroll

Assistant and I provide guidance with the visa process for visiting scholars.

Things you should know: I was born in Minneapolis and moved to Riverside in 2004 with my mother, Brenda. My father, Garry, is in Norwood, Minn. I try to visit him every chance I get. The rest of my family also lives in Minnesota. I'm a single mother of two wonderful boys, Windell, 15, a ninth-grader at La Sierra High School, and Damian, 7, a second-grader at McAuliffe Elementary. Prior to moving to Riverside I was a medical secretary in Robbinsdale, Minn, where I worked in the mammography department. I enjoy working and speaking with people and getting to know what they like. My goal is medical school, but since I have been working with students for the past four-and-a-half years and really enjoy working with them, I think this is my calling. I'm looking into going back to school to be an advisor or counselor. If not, I will find something that fits my experience where I can do more with students. On my Fridays off, I try to volunteer at my boys' schools. My family and I enjoy traveling and exploring new things. Our dream vacation is Hawaii. I always say we will get there one day.

Materials on Citrus Pioneer Eliza Tibbets Donated

By Bettye Miller

Century-old photographs, original documents and research compiled by San Diego author Patricia Ortlieb for a book about Eliza Tibbets – the woman whose introduction of the navel orange tree to Riverside spawned a thriving citrus industry in the 19th century – have been donated to UCR.

Ortlieb spent 10 years visiting libraries, archives and government offices in Washington, D.C., New York, Massachusetts, Ohio, Virginia and California to discover more about her great-great-grandmother, whose ancestors arrived in the United States on the Mayflower, who marched with Frederick Douglass in 1871 demanding the right to vote, and whose connections with experimental gardens in Cincinnati brought the first navel oranges to Southern California.

"Creating an Orange Utopia: Eliza Lovell Tibbets & the Birth of California's Citrus Industry," published in September by the Swedenborg Foundation, resulted from Ortlieb's desire to know her great-great-grandmother after reading an early 20th century article about her that was most unflattering.

"I needed to find out for myself," she recalled. "I wanted to set the



Melissa Conway and Eric Milenkiewicz examine records donated to UCR Libraries.

record straight. I did that."

More than 5,000 pages of research material, original documents and family photographs gathered in the process reside now in Special Collections and Archives of the UCR Libraries, where they will be processed and made available to scholars and the general public.

"It is wonderful that this unique archival collection is coming to us," said Ruth M. Jackson, university librarian. "UCR has been a pioneer in citrus research since its inception. As UCR has grown and matured over the past 50 years into one of the top-tier public research universities in the U.S., we view this gift as a major contribution to documenting the history of the citrus industry in southern California and the Inland Empire."

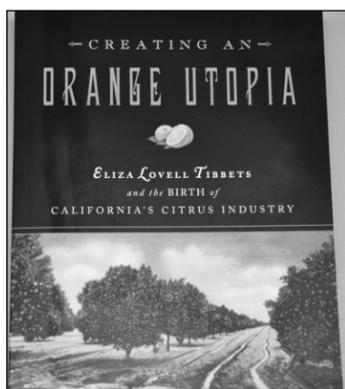
Ortlieb said she wanted an academic library to have the documents because of the help she received

from so many librarians.

"I am very pleased that the documents will be in the UCR Library," Ortlieb said. "When my co-author, Peter Economy, and I visited the UC Riverside library we thought it was special and her (Eliza Tibbets) natural home."

Ortlieb's files are so organized that they will require minimal processing, said Melissa Conway, head of Special Collections and Archives.

"There's a lot of material that is public record, but not something people can readily get on their own," said Eric Milenkiewicz, assistant archivist. "Bringing this together in one place creates a good resource for local historians and students."



Research & Scholarship

Astronomers Discover Rare Galaxy at Dawn of Time

UC Riverside's **Bahram Mobasher** and **Hooshang Nayyeri** are members of an international research team that has discovered that one of the most distant known galaxies is churning out stars at a shockingly high rate. The researchers made the discovery using NASA's Spitzer and Hubble space telescopes. The blob-shaped galaxy, called GN-108036, is the brightest galaxy found to date at such great distances.

The galaxy, which was discovered and confirmed using ground-based telescopes, is 12.9 billion light-years away. Data from Spitzer and Hubble were used to measure the galaxy's high star production rate, equivalent to about 100 suns per year.

The discovery is surprising because previous surveys had not found galaxies this bright so early in the history of the universe. According to the researchers, GN-108036 may be a special, rare object that they happened to catch during an extreme burst of star formation.

GN-108036 lies near the very beginning of time itself, a mere 750 million years after our universe was created 13.7 billion years ago in an explosive "Big Bang." Its light has taken 12.9 billion years to reach us, so we are seeing it as it existed in the very distant past.

Impact of Climate Change on Agriculture

Ariel Dinar, the director of UCR's Water Science and Policy Center, and Robert Mendelsohn at Yale University have co-edited a "Handbook on Climate Change and Agriculture" (Edward Elgar Publishing Inc., December 2011) that explores the interaction between climate change and agriculture.

With contributions from international scholars, the handbook analyzes a variety of topics, including direct agronomic effects, economic impacts on agriculture (and vice versa), agricultural mitigation and farmer adaptation. The authors argue that climate change is likely to have a large impact on agriculture around the world; this impact would be expressed through changes in temperature, precipitation, concentrations of carbon dioxide and available water flows.

Evered and Barr Collaborate on a Psychological Thriller

"A Thousand Cuts," a feature film directed by UC Riverside theatre professor **Charles Evered**, had its premiere Jan. 12 at the Palm Springs International Film Festival. The screenplay for the film, which stars Academy Award nominee Michael O'Keefe, was written by Evered, **Eric Barr**, professor and chair of the UCR Department of

Theatre, and Marty James.

"We're very proud of the fact that we made a film that explores the nature of violence and its effect on our society – with a narrative that puts the victims of violent crime at the center of the story, rather than using them as props or for purely exploitative purposes," said Evered, who is also a noted playwright.

National Endowment Fellowship to Adriana Craciun

Professor **Adriana Craciun** of the UC Riverside English department has been awarded a fellowship by the National Endowment for the Humanities to support her book, "Northwest Passages: Authorship, Exploration, Disaster."

The book takes an interdisciplinary look at how different kinds of materials – print media, books, manuscripts, shipboard newspapers, ship logs, collected relics, even graffiti – shaped several centuries of British exploration in the Arctic.

Craciun hosted a two-year interdisciplinary conference series, "The Disorder of Things: Predisциплиnarity and the Divisions of Knowledge 1660-1850," which culminated last March. She is currently involved in an interdisciplinary UC Multi-Campus Research Group, founded this past year to facilitate research on the influence of material, visual and textual sources on human action.

Who Says?

"The GOP has taken itself out of statewide races, and even in federal races, because it's become so extreme. The question is, will the GOP come out of this churning with more moderate candidates, meaning more electable candidates?"

Shaun Bowler, political science, on the retirement of Rep. Jerry Lewis and the subsequent redistricting.
LOS ANGELES TIMES

"There's lots of research that shows that truly living in the moment makes people happier. And clearly we're less likely to savor the moment if we're checking the phone. But there are plenty of people who can gain pleasure out of sending a thank-you email to someone or surfing the Web for information."

Sonja Lyubomirsky, psychology, on a study that finds an association between the use of Web-enabled smartphones and a rise in stress levels.
U.S. NEWS AND WORLD REPORT

"One of the key goals of the project is to show we can support the viability of electric transportation. It ties together our solar research program with our storage, and with electric vehicles. The combination of all three is fairly unique."

Matthew Barth, director of CE-CERT, on the development of a solar-powered recharging station for electric cars at UCR.
THE PRESS-ENTERPRISE

"Certain times of the year the wasp might kill less than 25 percent of the psyllids, and then once the parasites come out of the cold phase, they might attack and kill more than 95 percent of the psyllids."

Mark Hoddle, director of the Center for Invasive Species Research, on the introduction of parasitic wasps in California to combat a citrus-killing insect.
LOS ANGELES TIMES

"We have an early bloom and now we have a frost warning. The bloom is likely to get hit. They're confused. Winter should be cold, trees dormant, just more normal."

Peggy Mauk, director of agricultural operations, on how warmer winter weather threatens Southern California crops.
KNBC-TV

"If you remove just one percent of the bad atoms, you can double the thermal conductivity... If you mix (the two isotopes) up 50-50, that kills thermo conductivity. I think it's a big step forward."

Alexander Balandin, electrical engineering, on research into graphene that can potentially double its ability to transfer heat.
THE PRESS-ENTERPRISE

"If a plant grows in the deserts normally, like a cactus, what would be stressful for a crop plant is not stressful for a cactus because it has evolved to live in that ecological niche where the water is very rare."

Sean Cutler, plant cell biology, on research that could lead to a new generation of drought-resistant crops.
VOICE OF AMERICA

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?

The archive at UC Riverside devoted to the African-American aviators in World War II known as the Tuskegee Airmen was consulted by actors and producers prior to the recent release of "Red Tails," a feature film from Lucasfilm Ltd.

The pilots and crew members, who battled segregation on the ground as they challenged Germany's aces in the air, went on to become judges, university presidents, teachers, architects, engineers, physicians, actors, scientists and musicians. Documents and artifacts illuminating the careers of many of these aviators are preserved in the Tuskegee Airmen Archive.

Before shooting on the film started in Europe, several actors auditioning for parts visited the UCR archive to learn more about the original Tuskegee Airmen they hoped to portray, according to University Librarian Ruth Jackson. Photographs from the archive were used in preparing for the production's release activities, and the archive responded to requests for contact information for the filming of the DVD documentary about the Tuskegee Airmen that was released simultaneously with the feature film.

"Red Tails" was written by John Ridley, and stars Cuba Gooding Jr., Terrence Howard and Bryan Cranston. It was produced by George Lucas.

To date, more than 80 donors have contributed historic records documenting the military careers and personal lives of dozens of Tuskegee Airmen, including Buford Johnson, who lives in Inland Southern California. Johnson was the chief mechanic for the three Tuskegee Airmen pilots who won the first "Top Gun" competition in 1949 made famous by the hit movie of the same name in 1986. He was recently honored by the UCR archive at its annual celebration of the airmen.

The UCR archive is the largest in a U.S. public university chronicling the history of the Tuskegee Airmen and Women.



Awards & Honors

Latin American History Scholar Named Woodrow Wilson Fellow

UC Riverside history professor **James P. Brennan** has been named a research fellow at the Woodrow Wilson International Center for Scholars in Washington, D.C., for the current academic year.



James Brennan

Brennan, a specialist in modern Latin American history, will conduct independent research at the center's Latin American Program in The Mexico Institute during the nine-month, residential fellowship. His project looks at political violence, state terrorism and human rights abuses in Argentina during the 1976-83 military dictatorship.

The project is part of his book-length study of Argentina's so-called "dirty war," tentatively titled, "Missing Bones: the 'Dirty War' in Córdoba." It builds on 30 years of research on Argentina, which began with Brennan's Ph.D. dissertation and first book. That early work examined social and labor mobilizations in Córdoba in the years just prior to the military dictatorship.

Two Professors Earn NSF CAREER Award

Assistant Professor of Computer Science and Engineering **Iulian Neamtiu** and **Joel Sachs**, an assistant professor of biology, have been awarded the prestigious National Science Foundation CAREER award.



Iulian Neamtiu

The awards are given to junior faculty members most likely to become academic leaders in the 21st century.

Neamtiu was cited for his research project, "Differential Types and Declarative Hypothesis Testing for Software Evolution. He will receive a total of \$498,228 over five years to fund his efforts in improving software evolution. Changes made to source code in the course of evolution might not have the intended consequences (fixing bugs, adding features), a situation which negatively impacts both software producers and software consumers, with high economic costs.

His work will use type theory and empirical software engineering to better understand the software evolution process and help uncover certain kinds of errors



Joel Sachs

before software is deployed.

For Sachs, the award will bolster his research into the symbiosis between legume plants and bacteria known as rhizobia, which fix nitrogen for their host plants in return for carbon. Specifically, his project will investigate the rapid evolution of the legume-rhizobia symbiosis in response to human fossil fuel combustion.

Sachs will use his award to train middle-school students to help gather data for his project, develop a college course focused on the scientific method and initiate a microbiology research training program that targets undergraduate students from underserved backgrounds.

His award stipend will be \$587,486.

UCR Psychologist Wins Prize for Inspiring Students

Howard Friedman, distinguished professor of psychology, has won a \$25,000 award from the Elizabeth Hurlock Beckman Award Trust for inspiring students to make a difference in the community.



Howard Friedman

Friedman is one of 15 professors from U.S. universities recognized by the trust for inspiring students to action that benefits society. He is the first University of California scholar honored since the awards began two years ago. The recipients were honored in a ceremony Jan. 7 at The Carter Center in Atlanta.

Friedman, who has won four awards for teaching excellence while at UC Riverside, spent more than 20 years identifying predictors of health and long life among 1,500 individuals who were part of a study started by Stanford University psychologist Louis Terman in 1921.

Friedman's research has profoundly affected two generations of students who have since become physicians, public health workers, psychologists and health psychology researchers.

"I work with a lot of students in UCR's biomedical and pre-medical programs," he said. "They use the findings of health psychology research in the practice of medicine. And my wonderful graduate students have gone on to teach and spread the word to countless other students."

Balandin New Fellow of Physics Institute

Alexander A. Balandin, professor of electrical engineering and



Alexander Balandin

founder of the Materials Science and Engineering Program at the Bourns College of Engineering, has been elected a fellow of the Institute of Physics, United Kingdom.

Balandin was honored for his studies of the physical properties of semiconductor nanostructures and grapheme.

He will be recognized at an event in Boston during the March meeting of the American Physical Society. At UCR, Balandin leads the Nano-Device Laboratory.

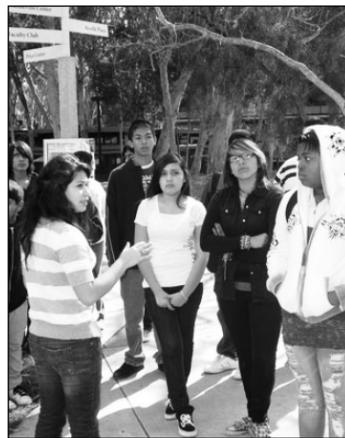
Educational Talent Search Program Receives \$1.15 Million Grant

A five-year, \$1.15 million grant from the U.S. Department of Education will allow the Educational Talent Search (ETS) program at UCR to continue its work of putting low-income high school students in the San Bernardino City Unified School District on the path toward pursuing a college education.

The ETS program at UC Riverside has been in existence since 2002. It is overseen by the Office of TRiO Programs and is one of more than 450 such programs nationwide and 60 in California.

Four high schools will participate in the program: Arroyo Valley High School, Pacific High School, San Bernardino High School, and San Geronio High School.

TRiO Director **Alicia Velazquez** said that she expects more than 1,000 students to participate in the four-year program, which offers one-on-one academic advising, mentoring, college campus visits, cultural activities and a new three-day summer residential component at UC Riverside. The program is open to low-income and potential first-generation college students at the schools.



Students in the UC Riverside Educational Talent Search program tour the UC San Diego campus.

UCR Faculty to Go Back to the Classroom

By Ross French

University of California, Riverside faculty members will once again become students through a series of on-campus educational colloquiums designed to improve the undergraduate educational experience.

Presented by the UCR Office of Undergraduate Education, the "Scholarship of Teaching and Learning Colloquium" is a quarterly series that will expose UCR faculty to the best practices in higher education. The series will begin with the program "Making the Large Class Small," presented by Goldberry Long, professor of creative writing, and Leo Schouest of the Instructional Technology Group in the office of Computing and Communications.

Vice Provost of Undergraduate Education Steven Brint said that the subject of teaching effectively in large classes was a perfect topic to kick off the series, as UC Riverside faces increasing class sizes due to growing enrollment and shrinking budgets. Undergraduate classes now range in size from three to 570 students, with 19 percent of classes containing 50 or more students.

"There has been a great deal of applied research on methods of encouraging student engagement and participation in large lecture courses," Brint said. "The techniques are not difficult to learn, but faculty members need to be willing to be students themselves to learn them."

The colloquium series is intended for UCR faculty members, but interested students and staff are encouraged to attend. The first colloquium will be offered twice, on Tuesday, Jan. 31, and Wednesday, Feb. 1, from 11:30 a.m. to 1 p.m. in HUB 379.

Schouest and Long are an ideal pair to teach the seminar, with

each bringing a unique perspective and experience. With over 30 years experience in higher education, Schouest has had a hand in the implementation of a variety of integrated technology classroom resources across the UCR campus and designed the campus' Hyper-Instruction Studio. Long, an assistant professor, is one of the most popular teachers on campus and her Introduction to Creative Writing class regularly has 270 students enrolled, giving her first-hand knowledge in the subject matter.

"The classic teaching model in creative writing is an apprentice to mentor. But my job is really to inform students of writing activities that will make them better writers and to have them use those behaviors to practice elements of craft," Long said. "In this large class it is perfectly reasonable for me to ask them to do that on a nearly daily basis. The logistics are different, but the outcomes are excellent."

Schouest and Long said that the colloquium will try to give each attendee something that they can apply to the unique situation within their classrooms. Scheduled topics include how professors and students see each other in a large classroom, the "ecology" of a large classroom and its effect upon student-learning, and creating community in the large classroom. He added that attendees will "learn by doing" and will have the opportunity to engage in activities and technologies that may be helpful in the classroom.

"We are going to put the people who come to the colloquium in the role of a student," Schouest said. "They are going to participate and work with the material, they are going to have to do some collaborative work, they are going to be able to be exposed to dividing up large classrooms into smaller components."

Bug Expert Visits Rwanda to Solve 'Potato Taste' Mystery Surrounding Specialty Coffee

By Iqbal Pittalwala

The expertise of entomologists at the University of California, Riverside has a worldwide impact, with researchers tracking down the natural enemy of the Asian citrus psyllid in Pakistan, identifying insecticidal fungi to control katydids in Papua New Guinea, suppressing the cottony cushion scale in the Galapagos Islands, and collecting red palm weevils in Southeast Asia – to name just a few research projects.

Now Thomas Miller, a professor of entomology and a Jefferson Science Fellow, has traveled to Rwanda, Africa, to help solve a mystery surrounding the country's specialty coffee sector – a sector that accounts for 26 percent of the country's agricultural exports.

A defect called "potato taste" – thought to be caused in part by the antestia bug – is threatening to deter international buyers from purchasing Rwandan coffee.

"When stink bugs feed on plants, they can affect the taste of the fruit from the plants," Miller explained. "For example, the brown marmorated stink bug feeding on tomatoes changes their taste. Certain tea plants, when fed upon by leafhoppers, produce leaves with improved taste. Much of the underlying reasons for these are not known."

Determining the specific cause of potato taste is a major challenge Miller and Christian Cilas, a French scientist, will face in Rwanda. Currently, there is no definitive link between potato taste and the antestia bug, only hypotheses.



Antestia-bitten coffee cherry. Photo: Global Knowledge Initiative

During Miller's stay in Rwanda, he expects to get a better understanding of potato taste and its causes, gather samples for analysis in the United States, and begin collaborations with Rwandan scientists.

"We will devise a multi-pronged strategy for ridding Rwanda's specialty coffee of potato taste defect," Miller said. "And we will also assist Rwanda in reaching out and making contacts with people grappling with similar problems globally."

Miller and Cilas will join a group of researchers from the National University of Rwanda to solve the mystery surrounding potato taste.

The collective effort to eliminate potato taste in Rwandan specialty coffee is being organized under the auspices of the Global Knowledge Initiative (GKI), an international nonprofit. Through the Learning and Innovation for Network for Knowledge and Solutions (LINK) Program, GKI helps scientists, innovators, and entrepreneurs worldwide construct purpose-driven networks to tackle challenges such as the one Miller and Cilas are confronting in Rwanda.

New Website Makes Searching Through All UC Jobs Easy

The University of California is launching a new systemwide job search website that will provide a snapshot of open staff positions across all its locations, making it easier to search and apply for jobs. The site also provides links to resources regarding open faculty and other academic positions.

The address for the new website is <http://jobs.universityofcalifornia.edu>

"We developed this new website to give our employees a single source that makes it easy to look for open positions across the entire university system," said Dwaine B. Duckett, vice president of UC human resources.

"People are at the heart of what makes UC world class, and there are countless career choices for them to pursue."

Each UC location and its three affiliated national laboratories currently has its own job board.

No single resource had existed for finding positions systemwide -- until now.

The new job search tool will allow applicants to search for staff openings using keywords, and choose whether to search specific locations or all of them at once.

The website will then generate a list of available staff positions with the title, salary, application deadline, a brief excerpt of the job duties and a link to the full job description.

Chancellor: Timothy P. White

Vice Chancellor for University Advancement: Peter A. Hayashida

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Send story ideas and comments to InsideUCR@ucr.edu. Issues are available online at www.insideucr.ucr.edu.

Colorful Truck to Add to Campus Food Options

By Ross French

A university-operated 32-foot Culinary Chameleon will debut on campus in early February to provide Highlanders with a new gourmet dining option.

UCR Executive Director of Dining Services Cheryl Garner said that on-campus food trucks are part of a growing trend across the country. The trucks are valued for their ability to serve a variety of high-traffic areas throughout the day, compared to a regular restaurant.

"A few campuses have launched into this new type food venue," she said, citing the University of Massachusetts, Rhode Island School of Design and Ferrum College as examples. "Food trucks allow us to lower our overall investment and maximize our versatility and location by going where the customer is, when they are there. We hope to service portions of our campus which are currently under-penetrated with restaurants."

UC Riverside is believed to be one of the first Southern California institutions to have its own truck.

The Culinary Chameleon's debut menu will feature some familiar items from the now-defunct Taco Fresco, which closed earlier this year due to construction on the Stat-Comp Building. But the menu will evolve over time based upon customer input.

"How our customers feel about our food is critically important," said David Henry, director of Dining Services. "It will be a challenge to our culinary team to follow the local restaurant and street-food trends, while at the same time creating recipes that are built for high flavor, consistency and, most importantly, speed."

The truck's unique name and branding came from the planned menu versatility.

"Anyone who follows food trucks knows that they are trendy and edgy. We wanted our truck to have an identity that wouldn't change, even when the menu changed," Garner said. "We landed on the chameleon with input from students and staff because a chameleon changes its colors depending on where it lives – much the same as we will change our menu based on seasons, trends, times and customer feedback."

The truck features high-performance, high-productivity commercial kitchen equipment that will permit it to conduct 95-100 transactions an hour, keeping wait times and lines short. Among some of its features, the truck includes a four-basket deep fryer, a cold-prep table, stereo system, security cameras, air conditioning units and 500 watt halogen lighting around the perimeter of the truck. The truck cost about \$250,000, a fraction of the estimated \$1 million to \$2.5 million needed to build a typical restaurant.

Even with all the features and conveniences, Henry said that operating the truck will have its challenges.

"Even though it is a full kitchen to a large degree, it's still a truck," Henry said. "The limitations we have are storage and, during peak periods, maybe speed of service. And of course everything has to be sealed and closed down when we move – we don't want things flying around inside."

Like most food trucks, the Culinary Chameleon will have a Facebook page and Twitter account, allowing people to learn about spe-



The Culinary Chameleon is painted to stand out.

cial, promotions and locations. Customers will be able to pay with credit and debit cards, Bear Bucks and cash.

The Chameleon won't have much in the way of competition from other food trucks, as they are prohibited by ordinances in both the city and county of Riverside except for certain special events. But as a state institution, UC Riverside follows state code guidelines and can have the truck operate anywhere on campus.

"Oversight for the Culinary Chameleon comes from the Environmental Health and Safety Department here on campus," Garner said. "They can allow food trucks to operate here on campus daily even though the city and county have restrictions."

Garner said another reason for purchasing the truck was that it could serve as a mobile kitchen in the event of a campuswide emergency.

"The truck can run off of a generator and much of the equipment uses propane gas, so we will be able to serve a hot meal or hold product in our freezers during an emergency," she said.

Briefs

Updated Scarlet Letter On Stage

The UCR Department of Theatre will present "In the Blood," a play by Suzan-Lori Parks, from Jan. 26 through Feb. 4.

In the world of Suzan-Lori Parks' "In the Blood," single motherhood is everywhere, poverty is everywhere, exploitation by people in the system is everywhere, and help is nowhere.

"In the Blood" is the playwright's spin on Nathaniel Hawthorne's *The Scarlet Letter* in which the heroine Hester, persecuted for having a child out of wedlock, must make her way in an unfriendly world.

Show dates and times are: Jan. 27, 28, 29, Feb. 2, 3 and 4 at 8 p.m.; Feb. 4 there will also be a matinee at 2:30 p.m.

The play will be presented in the Studio Theatre of the ARTS Building.

Tickets are \$14 for general admission and \$12 for students and seniors. Parking is \$5 in Lot 1 (no fee with UC permit).

For more information, visit www.theatre.ucr.edu or call (951) 827-4331.

Navarro to Lecture on Global Capitalist Crisis

Ethnic studies professor Armando Navarro will present a brief lecture and sign copies of his new book, "Global Capitalist Crisis and the Second Great Depression" (Lexington Books), today at 6:30 p.m. in HUB 302.

Sociology professor Jose Calderon of Pitzer College will present his observations of the book and its timeliness. The event is free and open to the public. Parking costs \$5. Event sponsors are Chicano Student Programs, the Department of Ethnic Studies, MEChA, African Student Programs, Asian Pacific Student Programs, and Native American Student Programs.

Navarro's book calls for radical reformation or transformation of the United States economic and political systems: social democracy or democratic socialism. He also argues that the re-election of President Obama hinges on the creation of a welfare capitalist New Deal II.

Science of Morality Workshop Jan. 27-28

Twelve of the nation's leading scholars on the science of morality will meet for a two-day, interdisciplinary workshop at the University of California, Riverside on Friday and Saturday, Jan. 27-28.

"The Science of Morality" is free and open to the public to observe. Both all-day sessions begin at 8 a.m. in Humanities 1500. The workshop is supported by the UCR Chancellor's Strategic Investment Fund.

The workshop, organized by sociology professor Jan Stets, is intended to begin a collaboration among the participating faculty – who include sociologists, psychologists, economists, philosophers and neuroscientists – leading to interdisciplinary work that will enable scholars and policy makers to better understand the moral person and moral behavior.

UCR to Power Vehicles with Sunlight, Electricity

By Sean Nealon

The Riverside area will become a leader in powering electric vehicles from the sun under a \$2 million award to the Center for Environmental Research and Technology at the Bourns College of Engineering.

The two-year project, supported by the South Coast Air Quality Management District and involving a number of public and private partners, will build solar arrays, advanced battery storage, vehicle charging stations, an electric trolley, and a grid management system to provide clean energy to clean vehicles efficiently.

The funding, approved Jan. 6, will allow the university to install up to two megawatts of solar arrays and two megawatt hours of lithium battery storage systems at three locations on and near the UC Riverside campus. The solar energy will be used to charge vehicles directly at several sites on campus and additional sites

throughout Riverside.

In partnership with the City of Riverside and Riverside Public Utilities, UC Riverside engineers will design methods to direct the solar energy to electric vehicle charging in a way that minimizes loads on the grid and demands for electricity generated from non-renewable resources. The system will support the growth in manufacturing and demand for plug-in electric vehicles.

Additionally, UC Riverside plans to convert a trolley from diesel to electric power to shuttle students and area residents around UC Riverside.

"This major effort further propels the city of Riverside and UC Riverside to the forefront of green energy technology," said Matthew Barth, director of the Center for Environmental Research and Technology and principal investigator on the \$2 million grant.

"We're pleased that AQMD recognized the

benefits of this project," said Reza Abbaschian, dean of the Bourns College of Engineering. "This is yet another example of our commitment to smart-grid energy solutions that integrate solar energy generation, battery storage, and distribution that are at the core of the mission of CE-CERT and our new Winston Chung Global Energy Center."

The Winston Chung Global Energy Center is a new venture funded by Chinese inventor, entrepreneur and Fellow of the College Winston Chung.

Chung's company, Winston Global Energy, will donate two megawatts of rare earth lithium-ion batteries for the project.

Bourns Inc., which is adjacent to CE-CERT, will provide the property for the solar installation, and SolarMax, a partner with the college in a number of research projects, will provide the solar panels.

Campus Calendar

Ongoing

Exhibition: "Stereocollision" features Ethan Turpin's digitally mixed images appropriated from antique 3D stereo cards to present visual spaces where histories are compressed. Viewers experience a 3D vision as they observe composite scenes of both natural disaster and spiritual harmony. The exhibit runs through April 14.



Stereocollision

Exhibition: "Tahquitz" is the name of a primordial creature that wanders in the San Jacinto mountain range, part of the creation story of the Cahuilla people who live around Palm Springs. In collaboration with mezzo-soprano Erin Neff, Lewis deSoto will bring to life two Tahquitz stories told to him in the Cahuilla language. The exhibit runs through March 24.

Exhibition: "Render" explores the moving image as a physical and phenomenological process in contemporary art. Commonly used in computer editing programs, "rendering" is a required process to generate and solidify special effects and transitions. The exhibit opens on Feb. 4 and runs through April 21.

Exhibition: "Post Pacific Standard Time" features the work of three artists from Los Angeles who represent divergent approaches in art making that includes painting, sculpture, and video. While not comprehensive of the L.A. art world in the 1980s, they represent several tendencies that arose during that time. The exhibit opens on Feb. 4 and runs through March 24.

The UCR/CMP, the Sweeney Art Gallery and the Culver Center of the Arts are located in the 3800 block of Main Street, Riverside. Information: www.artsblock.ucr.edu.

January

25 Wednesday

Meeting: International Women's Exchange, 10 a.m.-noon, University Village Suite 204. Free. The event runs weekly through Mar. 14. Information: www.well.ucr.edu.

Campus Activity: Cervical Health Month Passport Challenge, 11 a.m.-2 p.m., Bell tower. Free. Information: www.well.ucr.edu.

Lecture: "Impure music: Brazilian Capoeira, movement and composition," 12:10-1 p.m., ARTS 157 Music Rehearsal Hall. Free. Information: www.music.ucr.edu.

Lecture: Doug Henwood, "Reflections On The Current Disorder," 3:30-5 p.m., CHASS INTS 1113. Free. Information: www.ideasandsociety.ucr.edu.

Campus Activity: Beyond the Mask, 4-6 p.m., HUB 260. Free. Information: www.well.ucr.edu.

Recreation: International Game Night, 4-6 p.m., University Village Suite 204. Free. Information: www.well.ucr.edu.

Training: 110 Boot Camp, 6:45-7:45 p.m., Student Recreation Center Multi-Purpose Room C. Free. The event runs through Feb. 15. Information: www.well.ucr.edu.

26 Thursday

Campus Activity: Helping Others in Recovery from Addictive Behaviors, noon-1 p.m., HUB 260. Free. Information: www.well.ucr.edu.

Recreation: Movie Night at the IEC, 5:15-7:45 p.m., University Village Suite 204. Free. Information: www.well.ucr.edu.

Performance: In the Blood, a play by Suzan-Lori Parks, 8 p.m., ARTS 113 Studio Theatre. \$14 general admission, \$12 students, seniors and children. Through Feb. 4. Information: www.theatre.ucr.edu.

27 Friday

Training: Allies Safe Zone Seminar – How To Be an Ally to LGBT People, 1-4 p.m., HUB 260. Free. Information: www.out.ucr.edu.

28 Saturday

Enrichment: Getting Started in Digital Photography, 9 a.m.-5 p.m., UCR Extension Center. \$145. Information: www.extension.ucr.edu or (951) 827-4105.

Concert: UCR Orchestra, 8-9:30 p.m., University Theatre. \$10 for general admission, \$8 for students and seniors and \$6 for children. The event runs again on Jan. 29. Information: www.music.ucr.edu.

February

1 Wednesday

Training: Psychology of Human Learning, online. \$350, reservations required. Information: www.extension.ucr.edu or (951) 827-4105.

Lecture: Radha Hegde, "Digital gurus, online classicism: Transnational pursuits of audible authenticity," 12:30-2 p.m., CHASS INTS 1113. Free. Information: www.globalstudies.ucr.edu.

Enrichment: Financial Tools & Tips for Budgeting 101, 7-8 p.m., HUB 379. Free. Information: www.well.ucr.edu.

2 Thursday

Lecture: "Restoring the Galapagos Tortoise Dynasty," 6-8 p.m., UCR Palm Desert. Free. Information: www.palmdesert.ucr.edu.

3 Friday

Enrichment: Citrus Trees in the Garden, 6-9 p.m., UCR Extension Center. \$65 for individuals, \$55 each for couples and family members. Information: www.extension.ucr.edu or (951) 827-4105.

Concert: UCR Jazz Ensemble and Highlander Concert Band, 8-9:30 p.m., ARTS 166 Performance Lab. \$10 for general admission, \$8 for students and seniors and \$6 for children. Information: www.music.ucr.edu.

4 Saturday

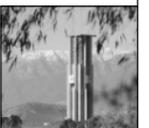
Campus Activity: KRCB: Keep Riverside Clean and Beautiful, 8 a.m.-1 p.m., HUB 248. Free. Information: www.well.ucr.edu.

Training: CPR and Basic First Aid, 8:30 a.m.-6:30 p.m., UCR Extension Center. \$150, reservations required. Information: www.extension.ucr.edu or (951) 827-4105.

Enrichment: Introduction to Getting Published, 10 a.m.-5 p.m., UCR Extension Center. \$105. Information: www.extension.ucr.edu or (951) 827-4105.

6 Monday

Concert: Weekday Carillon Recitals, noon-1 p.m., Bell tower. Free. The event runs through Mar. 12. Information: www.music.ucr.edu.



Carillon Recitals

8 Wednesday

Campus Activity: Ways to a Healthy Heart, 11 a.m.-1 p.m., Bell tower and HUB 268. Free. Information: www.well.ucr.edu.

Lecture: "Size Matters: Nanotechnology and Other Wonders in Carbon Flatland," 6-7:15 p.m., UCR Palm Desert. Free. Information: www.palmdesert.ucr.edu/programs/science_society.html.

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