By Bettye Miller

The UCR Department of Music will celebrate the magical creations of L. Frank Baum, author of the classic 1900 novel “The Wonderful Wizard of Oz,” in a free concert by the UCR Orchestra on Sunday, April 13, at 3 p.m. in University Theatre.

The orchestra, along with storyteller/actor Johanna McKay, will present music from three generations of Oz productions: the famous 1939 film “The Wizard of Oz”; the 2003 Broadway musical “Wicked”; and the 2013 prequel film “Oz: The Great and Powerful.”

Premiering at the concert will be “The Queen of Quok,” composed specifically for the UCR Orchestra by Tim Labor, an award-winning composer and associate professor of music and media and cultural studies. The work is inspired by one of Baum’s “American Fairy Tales” and tells the story of a child king, a conniving advisor and an ill-conceived arranged marriage.

The concert, which acknowledges the 75th anniversary of the MGM classic “The Wizard of Oz,” is made possible by a special grant from Dr. Esther Hays, professor emeritus in the UCLA School of Medicine and a former member of the board of directors of the Press-Enterprise.

“The Queen of Quok” is one of two pieces Labor composed to reflect themes in two of Baum’s American fairy tales.

“Both ‘Queen of Quok’ and the other story, ‘King of the Polar Bears,’ featured forms of revenge that I felt were typically American in tone,” Labor explained. “In ‘King of the Polar Bears’ the revenge is physical, whereas in ‘The Queen of Quok’ the revenge is financial. I was excited at stories that I felt would play equally well to a child or an international adult audience.”

Labor said his music follows the “Peter and the Wolf” approach somewhat in that some characters are sometimes articulated by certain instruments. For example, a young king (clarinet) must save himself from the
influence of his evil counselor (bassoon) and the woman who purchases him during auction (oboe).

“I was also influenced by what I consider a ‘Muppet Show’ style repertory theatre approach,” he added. “There are lots of folks who will consider this composition a classical music piece, but in fact it is a theatre piece. It is a composition for narrator and orchestra – not a composition for orchestra and narrator. When the Muppets ‘do’ a classic story, new Muppets are rarely invented for the main roles. Kermit will get a role – Miss Piggy another – and it is in part the mismatch between the ‘actor’ and the ‘role’ that produces the Muppet ‘angle’ on the outcome. As such I am rediscovering the conception of the orchestra in terms of unlimited instrumental stage presence rather than merely as a ‘sound-producing body.’ The latter has in fact produced pretty poor ‘contemporary music’ whose sound-producing capabilities are inferior to technological synthesis/amplification and whose stage qualities seem an expensive cultural luxury.”

The orchestra is directed by Ruth Charloff, who also directs the UCR Chamber Singers and is associate conductor of the Claremont Symphony Orchestra. Creator of the UCR Orchestra’s Family Concert series and other educational outreach projects, she also brought the program “Orchestral Expeditions” to many elementary schools in the Riverside area as a Gluck Fellow of the Arts.

---

Free Gluck Summer Camp of the Arts is Now Taking Applications

*UCR’s annual summer arts program begins June 16; Registration deadline is May 14*

By Shane Shukis

The Gluck Fellows Program of the Arts at UCR invites 14-to-18-year-olds interested in art to apply for this year’s annual Summer Camp of the Arts.

Funded by the Max H. Gluck Foundation, The Gluck Summer Camp of the Arts is a free program that provides the extraordinary opportunity to learn new and contemporary art and performance styles from talented graduate students at UCR while meeting and connecting with other art-inspired peers from the region. Workshops will be taught by graduate fellows in the Gluck Fellows Program of the Arts from UCR’s departments of art, creative writing, dance, history of art, music and theatre.

It will be held June 16-20 at the UCR campus. The deadline to apply is May 14, and spaces are limited.

“The goal of the Gluck Summer Camp of the Arts is to provide mature teenagers with an intensive educational experience in the arts and to expand their understanding of the history, theory and application of the various arts disciplines that emphasize individual growth,” said Christine Leapman, Gluck program coordinator. “We consider the summer participants the Inland Empire’s ‘Arts Honor Students’ who choose to spend a week of summer vacation experimenting with college-level artists and materials. Experimental dance, Def Jam poetry, and Taiko drumming are among the classes offered.”

The theme of this year’s camp is Meet Your Metamorphosis, emphasizing change and growth through individual creativity. In addition to the regular workshops, there is a HomeRoom component. During HomeRoom, camp-
ers will learn DIY techniques for tie-dye where they will create the costumes used for the final show. There will also be music-making and a dance cypher. Students will begin to perceive themselves as a part of a whole and recognize the value of collaboration in a complex modern world.

The program is free, but participants must provide their own lunches and transportation. Applications may be downloaded at gluckprogram.ucr.edu. Students may apply for a morning and afternoon session. Applicants will be notified of their acceptance by email on May 23.

For more information, contact Christine Leapman, Gluck program coordinator, at (951) 827-5739 or Shane Shukis, Gluck Fellows coordinator, at (951) 827-3518, Gluckprogram.ucr.summercamp@gmail.com.

---

**UC Riverside Police Officers Honored by MADD for DUI Arrests**

Corporal Wade Stern and Officer Jonathan El Khoury are among many area officers recognized on March 12 for their efforts to eradicate drunk driving.

UCR Police Cpl. Wade Stern and Officer Jonathan El Khoury were among several Riverside-area law enforcement officers recognized on March 12 for their efforts to eradicate drunk driving.

The duo were honored by MADD California, the California Office of Traffic Safety, and the AVOID THE 30 Campaign at the Annual Riverside County Law Enforcement Recognition and DUI Training Seminar at the Riverside Convention Center. Stern had 37 drunk-driving arrests during the past year, while El Khoury had 24.

“It seems like all of us know someone who has been negatively impacted by a DUI related injury or death,” said UCR Police Chief Mike Lane. “In October 2013, a UCR police officer was driving a patrol car at about 1 a.m. when his vehicle was struck by a DUI driver. I am happy to report that our officer has since recovered from his injuries, but this could have been every chief’s nightmare in terms of a death or career-ending injury.

“UCPD has a long-standing relationship with MADD, and we will continue its long-standing tradition of DUI enforcement,” Lane added. “These officers are examples of this commitment.”

MADD California provides support services to law enforcement through assistance with educational awareness materials at sobriety checkpoints, public education about the devastating crime of drunk driving, and recognition events to encourage and thank officers for removing drunk drivers from the roadways to keep law-abiding citizens safe.

---

**Former Chancellor Sworn in as Head of National Science Foundation**

France A. Córdova led the campus from 2002 to 2007

Former UCR Chancellor France A. Córdova was sworn in on March 31 as the 14th director of the National Science Foundation (NSF). She was confirmed by the U.S. Senate on March 12 and will serve a six-year term, succeeding Subra Suresh, who stepped down in March 2013.

“I am deeply honored to lead this prestigious organization,” Córdova said in a NSF press release. “I would like to thank and recognize Dr. Cora Marrett for her outstanding stewardship of the foundation as acting NSF director over the last year. I look forward to working with the administration, Congress, the scientific com-
Córdova was chancellor at UCR from 2002 to 2007. She left UCR to become president of Purdue University, where she served from 2007 to 2012. She served as chair of the Board of Regents of the Smithsonian Institution and as a member of the National Science Board, where she chaired the Committee on Strategy and Budget.

As part of his remarks in nominating Córdova and others to key administration posts last July, President Obama said, “The extraordinary dedication these individuals bring to their new roles will greatly serve the American people. I am grateful they have agreed to serve in this administration and I look forward to working with them in the months and years to come.”

NSF’s annual budget is about $7.2 billion. The agency’s budget request for FY15 is $7.3 billion, which is an increase of 1 percent over the 2014 enacted level. NSF’s annual budget represents 24 percent of the total federal budget for basic research conducted at U.S. colleges and universities, and this share increases to 60 percent when medical research supported by the National Institutes of Health is excluded. In many fields, NSF is the primary source of federal academic support.

How Fracking Impacts Our Water

*Free public talk on April 9 will address Pennsylvania’s experience with the controversial hydraulic fracturing technology*

By Iqbal Pittalwala

Fracking, the hydraulic fracturing technology by which shale rocks are fractured by a pressurized liquid to release oil and natural gas, is controversial with proponents citing an increase in domestic oil production and lower gas prices, and opponents voicing environmental concerns and worries over small tremors that have sometimes followed fracking.

On Wednesday, April 9, Susan L. Brantley, a distinguished professor of geosciences at Pennsylvania State University, will give a free public lecture in which she will discuss fracking’s impact on water.

The hourlong lecture, titled “How Fracking Impacts Our Water: The Pennsylvania Experience,” will begin at 5:30 p.m. in Conference Rooms D and E, UCR Extension Center (UNEX). The lecture is hosted by the university’s College of Natural and Agricultural Sciences and the new Environmental Dynamics and GeoEcology (EDGE) Institute.

“In Pennsylvania, shale gas is accessed at depths of thousands of feet while drinking water is extracted from depths of only hundreds of feet. Nowhere in the state have fracking compounds injected at depth been shown to contaminate drinking water,” Brantley and a colleague wrote last year in an opinion piece in the New York Times.

Brantley’s research focuses on understanding
water chemistry at the surface of the Earth and how water in the Earth’s crust interacts with the rocks through which it flows. She investigates chemical, biological, and physical processes associated with the circulation of aqueous fluids in shallow hydrogeologic settings. She is particularly interested in questions concerning the measurement and prediction of the rates of natural processes, including chemical weathering with and without micro-organisms. Her recent work has focused on the effect of microbial life on mineral reactivity, and measuring and modeling how rock turns into regolith.

Brantley is the director of Penn State’s Earth and Environmental Systems Institute. Among her many honors and awards, she is a member of the National Academy of Sciences, a fellow of the American Geophysical Union, the Geological Society of America, the Geochemical Society and European Association of Geochemistry, and the International Association of Geochemistry, and a Presidential Young Investigator.

For more questions about the talk, please call (951) 827-3182 or email jennifer.reising@ucr.edu.

Upcoming talks

On April 23, Scott Wing of the Smithsonian Institution will give a talk titled “Global Warming 36 Million Years Ago: What It Means for Us.” On May 7, Scott Doney of the Woods Hole Oceanographic Institution will give a talk titled “Climate Change and the Ocean.”

Genomics and Physics Bring Local Community College Students to Campus

The 2014 CNAS STEM Community College Outreach Research Project culminated in a poster session on March 22

By Iqbal Pittalwala

On Saturday, March 22, 45 students from local community colleges came to campus to participate in a poster session, the culmination of a three-week research experience program called the 2014 CNAS STEM Community College Outreach Research Project. The poster session, which took place in the Genomics Building, focused on research done by the students on two projects: the Sequence to Success DNA Barcoding Challenge and the Experience Physics Pathway — both sponsored by the Hispanic Serving Institution (HSI) STEM Pathway Project Grant, funded by the U.S. Department of Education.

Twenty-one students from Riverside Community College participated in the Sequence to Success DNA Barcoding Challenge, which involved analyzing fish samples and was coordinated by UCR’s Alex Cortez, James Burnette III and undergraduate researchers at the Neil A. Campbell Science Learning Laboratory.

Twenty-four students from six different community colleges — Riverside City College, Main; Riverside City College, Norco; Mt. San Jacinto College; San Bernardino Valley College; Pasadena City College; and Moreno Valley College — participated in the Experience Physics Pathway, a new endeavor that aimed to expand and promote interest in UCR physics and astronomy in community college students and STEM majors. The Experience Physics Pathway was coordinated by faculty members in the Department of Physics and Astronomy, including Umar Mohideen, Owen Long, Bahram Mobasher and William Gary.

Richard Cardullo, a professor of biology, is the faculty director of the 2014 CNAS STEM Community College Outreach Research Project.
UCR to Host Earth Week Activities April 19-26

Annual celebration of the environment will include campus tours and information on sustainability efforts

By Ross French

The students, staff and faculty of UCR are invited to learn about earth, its environment, and what we can do to protect it during the annual Earth Week celebration. Earth Day itself is Tuesday, April 22, but UCR events run from Saturday, April 19, to Saturday, April 26.

All events are open to the campus community and the public.

“Earth Week gives us the opportunity to share the efforts taking place at UCR in regards to sustainability, but also to show what people can do on their own,” said Sustainability Coordinator John Cook. “One person can make a difference and little things do add up.”

The week will kick off with the Extreme Green Fest on April 19 at UCR Family Housing Park, then will continue with tabling at the bell tower as well as sustainability-themed walking and biking tours.

“The tours are a new addition this year,” said Jenny Low, sustainability specialist in the Office of Sustainability. “They offer the chance to show the campus in a different way. We are offering them on multiple days and times to encourage as much participation as possible.

On Earth Day from 10 a.m. to 2 p.m. at their table near the Rivera Library, the Office of Sustainability will be inviting individuals to sow seedlings that can either be planted in the UCR Community Garden or in home gardens.

Finally, on Saturday, the UCR Community Garden will host its annual Dig N’ Dance from 5 to 7 p.m. This event combines live music, free food, orange picking, and opportunities to learn more about sustainability efforts here on campus. The community garden is located next to Lot 30 on the west side of campus and parking is free.

The Office of Sustainability is also sponsoring a weeklong photo contest and is seeking photos. Photos must be taken during the month of April and emailed to jenny.low@ucr.edu. Winners will be chosen on April 28, with the winners in each category receiving a $50 award. In addition, the top three photos will be displayed in the Orbach Library lobby between April 29 and May 9, and will also be published on the sustainability website and social media sites.

“The contest is designed to celebrate and appreciate nature, and our connection to it,” Low said.

There will be no Earth Week events tabling on Thursday, April 24, as the campus hosts the investiture of Chancellor Kim A. Wilcox.

Earth Day has been celebrated since 1970, when the first event placed environmental concerns at the forefront of the public consciousness.

Earth Week Event Schedule

Saturday, April 19

Extreme Green Fest – Noon-3 p.m. at Family Housing Park (800 Cherry St.)
Get a head start on Earth Week and celebrate sustainability at this free event featuring rock climbing, interactive “Going Green” booths, demos, an e-waste recycling center, and much more. A family-friendly event free to UCR Housing residents and the UCR community. Remember to bring your own water bottle!

Monday, April 21

_Bike Tour – 10-11 a.m. and 1-2 p.m. at Rivera Library_  
Pedal your way around campus on this guided tour with stops at fix-it stations, pomegranate trees, and a parked shuttle van where we’ll demonstrate exactly how to load a bike onto those racks on the front of buses. Participants will receive a t-shirt and will have the opportunity to register their bicycles. Limited to 15 participants per tour. RSVP by emailing jenny.low@ucr.edu.

Tuesday, April 22 – Earth Day

_Planting Start-Up – 10 a.m.-2 p.m. all day at the bell tower/Rivera Library_  
Celebrate Earth Day with new plantings and growth! Sow seedlings from cantaloupes, chili peppers, herbs, and spring vegetables into small pots to take back home or to be planted in the UCR Community Garden (R’Garden). Seeds, soil, and pots will be provided at no charge. Just drop by our table near the lawn of Rivera Library and the bell tower.

_Bike Tour – 10-11 a.m. and 1-2 p.m. at Rivera Library_  
Pedal your way around campus on this guided tour with stops at fix-it stations, pomegranate trees, and a parked shuttle van where we’ll demonstrate exactly how to load a bike onto those racks on the front of buses. Participants will receive a T-shirt and will have the opportunity to register their bicycles. Limited to 15 participants per tour. RSVP by emailing jenny.low@ucr.edu.

_Sustainability Tour – 10-11 a.m. and 1-2 p.m. at Rivera Library_  
Walk around campus on this guided tour to check out model green buildings and newly installed solar benches, as well as learn the hidden locations of kumquat, sweet lime, and avocado trees. Both your mind and stomach will be fed on this tour. Don’t forget to bring a bag for the fruit! Limited to 20 participants. RSVP by emailing jenny.low@ucr.edu.

Wednesday, April 23

_Sustainability Tour – 10-11 a.m., noon-1 p.m., and 1-2 p.m. at Rivera Library_  
Walk around campus on this guided tour to check out model green buildings and newly installed solar benches, as well as, learn the hidden locations of kumquat, sweet lime, and avocado trees. Both your mind and stomach will be fed on this tour. Don’t forget to bring a bag for the fruit! Limited to 20 participants. RSVP by emailing jenny.low@ucr.edu.

Friday, April 25

_Power Activities – All day at the bell tower_  
Drop by the table at the bell tower to hear about UCR’s multitude of energy projects – e.g. solar farm, UCR’s Mobile Renewable Energy Generator, and solar benches.

_Sustainability Tour – 10-11 a.m. and 1-2 p.m. at Rivera Library_
Walk around campus on this guided tour to check out model green buildings and newly installed solar benches, as well as, learn the hidden locations of kumquat, sweet lime, and avocado trees. Both your mind and stomach will be fed on this tour. Don’t forget to bring a bag for the fruits! Limited to 20 participants. RSVP by emailing jenny.low@ucr.edu.

Saturday, April 26

Dig N' Dance – 5-7 p.m. at UCR Community Garden (Lot 30)

Free event for the whole community featuring live music, free food, earthen bench building, rock climbing, as well as, demonstrations of the solar generator built, operated, and maintained by UCR students. You also get the chance to pick and take home the ripening Valencia oranges. So relax, dance, eat, workout, and meet some amazing people at our campus community garden!

Location: UCR Community Garden. The garden is located in Lot 30. An aerial map can be found at this link: cultivaterspace.files.wordpress.com/2012/04/community-garden-map.jpeg

Disability Survey Via Email

UC faculty and staff are being asked to complete a brief, voluntary survey about their disability status.

Beginning April 3, employees received an email from the sender UC_Disability_Survey@vres.us with a link to the voluntary survey. UC hired VR Election Service (VRES) to administer the survey on its behalf.

The email includes a unique PIN that VRES has assigned to each individual to use with the survey. You must enter the PIN and the month and date of your birth to authenticate that you are the person taking the survey.

The one-question survey, which allows employees to identify themselves as disabled, is required of federal government contractors as part of recent changes in federal regulations. UC receives billions of dollars in federal contracts and grants annually, and is one of the largest government contractors.

The new rules require UC to administer the survey now and then every five years in order to collect data on employees who become disabled while employed, as well as those with existing disabilities who may feel more comfortable self-identifying after they have been employed for some time. UC will use the collected data to assess employment practices and recruitment efforts; it will remain confidential. More information about UC’s privacy policy is available here.

The Department of Labor made the regulations changes to address a substantial lag in the employment rate of individuals with disabilities that persists despite technological advancements that have made it possible for people with disabilities to apply for and successfully perform a broad array of jobs. For more information about the rules change and the survey, visit the Department of Labor Office of Federal Contract Compliance Programs website.

UC provides reasonable accommodation to employees who are disabled or become disabled and need assistance to perform the essential functions of their positions.

Riverside’s Citrus Heritage on Display at Grow Riverside Conference
UC Riverside is famous for its citrus breeding program, and for techniques to protect citrus from pests and disease. So it makes sense that several members of the UCR community were asked to speak at a conference in Riverside called “Grow Riverside: Citrus and Beyond” held on Wednesday, March 19 and Thursday, March 20.

Tracy Kahn, principal museum scientist and the curator of UCR’s Citrus Variety Collection, was among several UCR experts who participated in panels at Riverside’s newly renovated convention center. Other UCR people who spoke: Mark Hoddle, a specialist in invasive species; staff member and R’Garden director Fortino Morales; agricultural experiment station director: Peggy Mauk. extension specialist Milt McGiffen and graduate student John Chater; and Ron Loveridge, associate professor of political science. UC Riverside was one of the conference sponsors.

Did you know? Here are a few facts about citrus from Tracy Kahn.

1. Limes are fully mature when the rind turns yellow. Limes are sold when slightly immature and the rind of the fruit is green to distinguish them from lemons.

2. The navel structure in the fruit of a navel orange that sometimes bulges out is actually a small fruit inside the larger fruit.

3. None of the citrus types that are commercial, such as lemons, lime, oranges, mandarins, grapefruit and pummelos, are native to California, but originated and were domesticated in China.

4. The UCR citrus breeding program has developed more than 40 different citrus cultivars since the beginning of the Citrus Experiment Station in 1907.

5. The UCR Citrus Variety Collection, which is in Agricultural Operations on the UCR campus, is one of the world’s most diverse living collections of citrus and related species with over 1,000 different cultivars and species.

GETTING PERSONAL

Fortino Morales

Community Garden Coordinator for Agricultural Operations

By Konrad Nagy

Only a few gardeners in this world have greener thumbs than Fortino Morales (‘11).

That’s because Morales doesn’t just grow plants; he grows programs — and communities — with his actions as well.

As the campus’s community garden coordinator, he contributes to various projects for Agricultural Operations and oversees the community garden. Although it’s only been his job for about two years, Morales was actually one of the driving forces that brought a community garden to UCR — and he helped do this while he was still a student.

“What I really like about my job is that fact that no two days are the same,” he said. That variety, he says,
helps him stay on top of all his projects.

His day starts routinely enough, by checking emails. But after that, he’s doing anything from meeting with student groups to advising staff and faculty for campus seminars.

Morales graduated from UCR in 2011 with a degree in environmental science. When Chancellor Tim White offered him a job, Morales stayed because he was driven to finish the many on-campus projects he started as a student.

“We’re lucky enough to have support from the campus administration for the community garden. It’s nice to have that kind of support,” Morales said.

It helps that the extroverted Morales really enjoys being around other people — so much so that he lives with 11 people in a seven-bedroom house. “Sometimes it gets hectic, but there’s always something going on.”

San Diego is his hometown and also the place where he cultivated many of his hobbies, which include biking, hiking, backpacking, camping, going to beaches and downtown areas, swimming with sharks and snorkeling.

He enjoys going back to San Diego when he can, but has become increasingly passionate about his responsibilities in Riverside.

“I’m really interested in the idea of food justice and sustainability. I think there is a disconnect between the research being done at UCR and its effect on the local community,” said Morales. “It’s nice that the university wants to support and facilitate the exchange of ideas.”

Acting as a bridge, Morales hopes to help expand UCR’s relationships with local communities through the community garden and by supporting local farmers.

“We’re a top land grant university that does agricultural research in a city with a rich agricultural history, and I feel like I get to be a part of that in different ways,” Morales said. “I love what I’m doing and what the university is doing and I hope it continues to grow.”

The Food Truck Festival is Back

The second annual UCR Food Truck Festival will take place on Wednesday, April 16. More than 20 trucks will be serving a wide variety of cuisines, from 11 a.m.-2:30 p.m. They will be positioned around the HUB and the bell tower. According to Executive Director of Dining Services Cheryl Garner, last year’s event was so popular that this year, there will be twice as many food trucks, which also will be spread out for better queuing. All Dining Services operations at the HUB will operate their normal hours as well. The event is sponsored by ASUCR, UCR Dining Services, in collaboration with campus clubs and organizations.

The truck lineup includes Baconmania, California Grill Truck, Chanchos Tacos, Culinary Chameleon, Cupcake Bar, Farmers Belly, Game On Gourmet Food Truck, Goodwins Organic, Grilled Cheese, Let’s Roll It, Luckdish curry food truck, Meat the Greek, New Orleans Catering Truck, Palazzolo Gelato Truck, Rice Balls of Fire, Rolling Sushi Van, Slammin Sliders, Slanging Corea Food Truck, Tornado Potatoes, Waff n Roll, and the Yalla Truck.
DID YOU KNOW?

Nominate a colleague for the Outstanding Staff Awards

Last chance to nominate a colleague or yourself for the annual Outstanding Staff Awards! The categories are Staff Who Make a Difference; People Helping People; Tartan Soul; and Staff Diversity. Nominations are especially needed in the categories of Staff Diversity and People Helping People. Nominations close at 5 p.m. on Friday, April 11. The link to the nomination form is [atu.cr/OutstandingStaffForm](atu.cr/OutstandingStaffForm).

All nominees will be announced at the next general Staff Assembly meeting on May 20. The top three nominees from each category will be invited to a special awards ceremony and reception at Chancellor Wilcox’s house. For more details, visit [www.staffassembly.ucr.edu](www.staffassembly.ucr.edu) or contact the Director of Involvement and Recognition Stephanie Reyes for questions at Stephanie.reyes@ucr.edu or 951-827-2738.

President Napolitano will hold webchat with staff, April 16, 2 to 3 pm

Join UC President Janet Napolitano and staff employees from across the UC system for a one-hour online conversation about topics of interest, including campus climate survey results, compensation and benefits, and investments in technology and infrastructure.

President Napolitano will share with employees her views on these issues, discuss her priorities for the university and also speak with staff about their concerns, hopes and challenges.

This is the second in a series of Google Hangouts between President Napolitano and various groups within the UC community to help foster open and ongoing dialogue concerning university issues. The president held a webchat with students in January, and a Hangout with faculty is being planned for later this year.

Go to [plus.google.com/events/c4saqghab1bsjc2beoc7gae540c](plus.google.com/events/c4saqghab1bsjc2beoc7gae540c) to sign up for the web chat and watch for more details about the event in coming weeks.

In the meantime, save the date: Wednesday, April 16, 2 p.m., and plan to hang out with Janet.

---

**Eaton Collection Acquires Rare Volume of Utopian Literature**

_Breslauer Foundation grant enables the purchase of 1623 edition of Tommaso Campanella’s “Civitas Solis”_

_by Bettye Miller_

The Eaton Collection of Science Fiction and Fantasy at UCR has acquired a rare first edition of utopian writer Tommaso Campanella’s “Civitas Solis” (“City of the Sun”), thanks to a grant from the B.H. Breslauer Foundation.

The $54,000 grant — proposed by Melissa Conway, head of Special Collections & University Archives — covered the entire purchase price of the book, which was published in Frankfurt am Main by Egenoff Emmel for Gottfried Tambach in 1623.

“This is huge for the Eaton Collection,” said Rob Latham, UCR professor of English. “Tommaso Campanella was one of the most important utopian thinkers and writers working in the wake of Thomas More, who pio-
Fewer than 20 copies of the first edition volume exist, and nearly all are held by private universities in the United States or European universities and museums. UCR is one of only two public libraries in the U.S. with this volume, he added.

“We are honored that the Breslauer Foundation has shown such confidence in UCR Libraries by enabling the acquisition of the first edition ‘Civitas Solis,’” said University Librarian Steven Mandeville-Gamble.

“Civitas Solis,” early manuscript portions of which were first published in Campanella’s “Realis philosophiae epilogistiace partes quartum” in 1623, offered a more mystical vision of enlightenment than Francis Bacon’s contemporaneous “New Atlantis” (1624), depicting an ideal society of communal ownership, artistic invention, shared knowledge, and spiritual aspiration, said Latham, a scholar of science fiction studies.

“A forerunner of the countercultural utopias of the 19th and 20th centuries, it gives us tantalizing glimpses of an emerging modern world,” he added. “Despite its seeming piety, the book was controversial, as were Campanella’s beliefs more generally, and he spent decades in prison and several sessions on the inquisitor’s rack for espousing heretical views. But his vision survives in ‘City of the Sun’ — a work that, in its first edition, is extremely rare — and having a copy now at UCR further confirms the Eaton Collection’s standing as the preeminent research archive on science fiction and utopian writing in the world.”

A Ph.D. student in English who reads Latin plans to submit an article about the acquisition of “Civitas Solis” for publication in the journal Science Fiction Studies, said Latham, who is a senior editor of the journal. Science Fiction Studies co-sponsors an annual symposium on science fiction at UCR that Latham hosts.

The addition of this edition of “Civitas Solis” allows the UCR Libraries to fill a significant void in the extensive utopian holdings of the Eaton Collection, Conway said.

“We are very grateful to the Breslauer Foundation for their generosity,” she said. “This is the second time that the Breslauer Foundation has helped us acquire a rare and precious volume for the UCR Libraries.”

In 2010 the Breslauer Foundation provided $10,000 to purchase the first American edition of “The Time Machine” by H.S. Wells (an error in printing the name of science fiction icon H. G. Wells) for the Eaton Collection. The New York City-based Breslauer Foundation awards grants to U.S. libraries that collect rare books and manuscripts.

Gladys Eaton Dies at 92

*Her husband's collection of science fiction books launched renowned Eaton Collection at UCR*

**By Bettye Miller**

Gladys M. Eaton, whose husband’s collection of science fiction books formed the basis of UC Riverside’s Eaton Collection of Science Fiction and Fantasy, died Jan. 22. She was 92.

A memorial service was held March 8 in the Oakland Museum in Oakland, Calif.

Mrs. Eaton met J. Lloyd Eaton, a pulmonologist, while working as an office manager in a medical group in Oakland. The two married in 1956. She was active in charitable and nonprofit organizations, among them the Women’s Auxiliary of the Alameda-Contra Costa Medical Association, the Alameda County Heart Associa-
tion and the Christmas Seal Drive in Alameda County. She was an avid photographer, served as a docent at the Oakland Museum and on the board of the UC Botanical Gardens, and supported scholarship programs of the Oakland Art Association.

Her husband, J. Lloyd Eaton, was a pioneering science fiction fan in Northern California whose collection of some 7,500 books — many of them dedicated to him by their authors — was acquired by UC Riverside in 1969, a year after his death.

In an article published in the Oakland Art Association newsletter in August 2007, Gladys Eaton recalled her efforts to catalog her husband’s collection while they were married. The Eaton Collection of Science Fiction and Fantasy originated with those volumes and has grown to more than 300,000 items. It is the largest publicly accessible collection of its kind in the world and draws scholars from North America and around the globe.

“Mrs. Eaton was very devoted to Lloyd and has been very generous to UCR,” said Melissa Conway, head of Special Collections & University Archives at UCR. “She was a steadfast supporter of the Eaton Collection and Eaton Conference. I enjoyed our many years of friendship and will miss her very much.”

Mrs. Eaton was preceded in death by her husband, sister Bernice Buessing and brother Quentin Ronnebaum. She is survived by her brother Werner Ronnebaum of Seneca, Kan., Lloyd Eaton’s children and grandchildren, and many nieces and nephews.

Law School Dean to Discuss Future of Civil Rights

April 10 lecture by Frank H. Wu will address complexities of race and civil rights in the U.S.

By Bettye Miller

Frank H. Wu, chancellor and dean of the University of California Hastings College of the Law, will discuss the complexities of race and civil rights in the United States on April 10.

The lecture, “Race Beyond Black and White: The Future of Civil Rights,” will begin at 12:30 p.m. in Highlander Union Building 269. The event is free and open to the public. The event is presented by the School of Public Policy and the College of Humanities, Arts and Social Sciences.

Wu is the author of “Yellow: Race in America Beyond Black and White” and co-author of “Race, Rights and Reparation: Law and the Japanese American Internment,” which received a grant from the Civil Liberties Public Education Fund.

He previously taught at Howard University, served as dean of Wayne State University Law School, and taught at the Peking University School of Transnational Law during its inaugural year. Prior to his academic career, he held a clerkship with the late U.S. District Judge Frank J. Battisti in Cleveland and practiced law with the firm of Morrison & Foerster in San Francisco.

In 2013, he was voted the most influential dean in legal education in a poll by National Jurist magazine and this year was again listed among the top five most influential leaders in legal education. In 2012, the Daily Journal newspaper named him to their list of “top 100” lawyers in California for his efforts to reform legal education. He received the Chang-Lin Tien Education Leadership Award from the Asian Pacific Fund in 2008.
UCR to Offer Cahuilla Indian Language Workshops

Cahuilla linguist Ray Huaute will teach four sessions beginning April 15

By Bettye Miller

A series of workshops in the Cahuilla Indian language — which linguists consider an endangered language — begins at UCR on April 15. The workshops, taught by Cahuilla linguist Ray Huaute, are free and open to anyone interested in Native American language.

Session dates are April 15, 17, 22 and 24. The three-hour workshops begin at 6 p.m. in the California Center for Native Nations, Interdisciplinary Building 3124.

The Cahuilla language — spoken by Cahuilla people in the Coachella Valley, San Gorgonio Pass and San Jacinto Mountains — is nearly extinct, with only a handful of fluent speakers remaining.

The workshops, which welcome beginners and advanced speakers, are sponsored by the Rupert Costo Endowment in American Indian Affairs and the California Center for Native Nations.

Rupert Costo, a Cahuilla, and Jeannette Henry Costo, a Cherokee, endowed the first chair in the world dedicated to American Indians to further the education of all people about Native Americans and their culture, history and language, said Cliff Trafzer, UCR professor of history and Costo Chair in American Indian Affairs.

“They would be pleased that the Costo Chair and California Center for Native Nations, derived from the Costo Chair, have arranged to offer these workshops conducted by a Cahuilla Indian linguist,” he said. “We are fulfilling the wishes of Rupert and Jeannette Costo by offering language workshops open to students, faculty, staff, tribal members, and the general public.”

Ray Huaute earned his bachelor’s degree in Native American Studies from UCR and his master’s in linguistics from the University of Arizona.

Who Says?

UCR staff and faculty weigh in on the issues of the day via media outlets at home and abroad

“Showing that emotion can foster self-control and discovering a way to reduce impatience with a simple gratitude exercise opens up tremendous possibilities for reducing a wide range of societal ills from impulse buying and insufficient saving to obesity and smoking.”

— Ye Li, assistant professor of management and marketing, on the UCR, Northeastern University and Harvard Kennedy School study that showed that feelings of gratitude automatically reduce financial impatience

SCIENCE DAILY

“Metal pollutants like selenium contaminate the soil, water, can be accumulated in plants, and can even be atmospherically deposited on the hive itself.”

— Kristen Hladun, postdoctoral scholar of entomology, on how selenium can cause delays in development and mortality in honeybees
GOOD FRUIT GROWER

“An over-the-counter vitamin D3 supplement is just as good as sun exposure. Vitamin D2, which is in foods like milk, fortified orange juice, and fish, as well as D2 supplements, is more difficult for the body to absorb.”

— Anthony Norman, distinguished professor emeritus of biochemistry, on vitamin D and how it can be attained through supplements instead of the harmful UVA rays of the sun

ALLURE-ONLINE

“With extended biological baselines, such as the knowledge that the Tiburón bighorn sheep went extinct before, it is possible to refine conservation targets. Given the cultural and conservation significance of the Tiburón bighorn, actions can be taken to avoid their past fate.”

— Benjamin Wilder, Ph.D. graduate student in UCR’s Department of Botany and Plant Sciences, on the discovery that the bighorn sheep went extinct on Tiburón Island within the last millennium

NATURE WORLD NEWS

“Our findings conclusively demonstrate the existence of an extracellular auxin sensing system in plants, which had long been proposed but remained elusive. ... This is a new milestone in auxin biology and will ignite interest in the field.”

— Zhenbiao Yang, professor of cell biology, on her lab’s discovery of a new auxin sensing and signaling complex

AGROTIMES

“Happy people frequently experience positive moods and these positive moods prompt them to be more likely to work actively toward new goals and build new resources.”

— Sonja Lyubomirsky, professor of psychology, on her findings that happiness leads to success

TRINITY BROADCASTING NETWORK

“This ability to integrate the absorbed light energy and then release it in a burst of motion, rather than as a gradual expansion, could be useful in applications that require impulsive force.”

— Christopher Bardeen, professor of chemistry, on the invention of single crystals that explode violently when exposed to UV light and how the phenomenon could be harnessed to create light-driven mechanical actuators

CHEMISTRY WORLD
UCR Scientists Involved in CMS Detector Upgrade at CERN

UCR physicists Robert Clare and Stephen Wimpenny, along with graduate students Jesse Heilman, Elizabeth Kennedy and Amithabh Shrinivas, have been involved in a significant upgrade of the Compact Muon Solenoid (CMS) detector at CERN’s Large Hadron Collider. The CMS is a large particle-capturing detector. UCR is a founding member of the CMS experiment.

Over the past two years, 72 large (5ft x 11ft) chambers have been built at CERN and are now installed in the CMS experiment.

Photo 1 (left) shows the final chamber, which was signed by the crew that built it. Circled are the signatures of the three UCR graduate students mentioned above. The final chamber is now installed in the CMS detector, together with its final cabling. The UCR crew worked on the construction of the chambers and their installation in the detector.

Photo 2 shows UCR graduate student Amithabh Shrinivas (along with a colleague from UC Davis) next to one of the chambers during the cabling.

How Do Cutbacks in Federal Funding Impact Research Programs?

Cuts in federal funding can hurt state and local economies. Higher education is often impacted with students losing financial aid, tuition costs rising, and research slowing down considerably.

Chancellor’s Professor of Biochemistry Russ Hille was interviewed by Science magazine on the effects of cutbacks in federal funding on research programs across the country.

“The serious reductions in federal funding of basic research that have occurred over the past few years have already begun to take a serious toll in investigator-initiated research at universities and other centers of research across the country,” he said. “This has compromised our ability to sustain our research programs and in the end will inevitably reduce the nation’s international competitiveness, not just scientifically but economically.”

The interview can be read here (www.sciencemag.org/content/344/6179/27.full) in the April 4 Science magazine article in which he is interviewed.

Scientists Generate 3D Structure for the Malaria Parasite Genome

A research team led by a cell biologist at UCR has generated a 3D model of the human malaria parasite genome at three different stages in the parasite’s life cycle — the first time such 3D architecture has been gener-
ated during the progression of the life cycle of a parasite.

The parasite that causes malaria in humans is *Plasmodium falciparum*. The female *Anopheles* mosquito transmits *P. falciparum* from an infected human to healthy individuals, spreading malaria in the process. According to the World Health Organization, an estimated 207 million people were infected with malaria in 2012, leading to 627,000 deaths.

“Understanding the spatial organization of chromosomes is essential to comprehend the regulation of gene expression in any eukaryotic cell,” said Karine Le Roch, an associate professor of cell biology and neuroscience, who led the study.

Her research team also found that those genes that need to be highly expressed in the malaria parasite — for example, genes involved in translation — tend to cluster in the same area of the cell nucleus, while genes that need to be tightly repressed — for example, genes involved in virulence — are found elsewhere in the 3D structure in a “repression center.” The 3D structure for the malaria parasite genome revealed one major repression center.

Virulence genes in the malaria parasite are a large family of genes that are responsible for the parasite’s survival inside humans. Le Roch’s team found that these genes, all organized into one repression center in a distinct area in the nucleus, seem to drive the full genome organization of the parasite.

Study results appeared online last week in *Genome Research*, an international, peer-reviewed journal that features outstanding original research providing novel insights into the genome biology of all organisms. The research paper will appear in print in the June issue of the journal.

*Bighorn Sheep Went Extinct on Desert Island in Gulf of California, Study Finds*

Using ancient DNA analysis and other techniques, a research team led by conservation biologists at UCR determined that bighorn sheep became extinct on Tiburón Island, a large and mostly uninhabited island just off Sonora, Mexico, sometime in the last millennium — specifically between the 6th and 19th centuries.

The result, published March 19 in PLOS ONE, is a surprise because until this discovery, there was no knowledge whether or not bighorn sheep had previously inhabited the island. Conventional wisdom was that bighorn sheep had not occupied Tiburón Island until 1975 when sixteen female and four male bighorn sheep were deliberately introduced.

The research got its start when in the spring of 2012 Benjamin Wilder, Ph.D. graduate student of UCR’s Department of Botany and Plant Sciences and lead author of the study, along with a lab mate and his Seri collaborators, made an incidental discovery of a 1,500-1,600-year-old, urine-cemented dung mat on the floor of a small cave in the Sierra Kunkaak, a rugged mountain range of the eastern side of Tiburón Island.

*Don’t Worry, Be Grateful and You Will be Rewarded*

In a potentially landmark study forthcoming in the journal *Psychological Science*, a team of researchers from UCR, Northeastern University, and Harvard Kennedy School demonstrated that feelings of gratitude automatically reduce financial impatience.

Impatience was assessed using a set of decisions pitting desire for instant gratification against waiting for larger, future rewards. For example, participants chose between receiving $54 now or $80 in 30 days. To increase the stakes, participants had the chance to obtain one of the financial rewards they selected. But before making these decisions, participants were randomly assigned to one of three conditions in which they wrote about an event from their past that made them feel (a) grateful, (b) happy, or (c) neutral. The researchers found
that people feeling grateful are willing to delay monetary award for a larger amount of money in three months.

**Social Networks and Pharmaceutical Drugs**

A team of researchers at UCR’s Bourns College of Engineering and Department of Political Science studied prescription drug posts on social networks in order to help health care providers find the best sources for information.

In their published paper, “Pharmaceutical Drugs Chatter on Online Social Networks,” the findings included: posts to health social networks such as Web MD and drugs.com were about twice as likely to have negative sentiment compared to those in social networks like Twitter; the same group of drugs are popular across all general social networks while different drugs are popular in health social networks; posts about psychotherapeutic agents like Abilify are about five times more common on health social networks, while posts about genitourinary tract agents, such as Viagra, are 16 times more common in social networks.

This discovery is based on an analysis of more than 1 million drug-related posts. The paper, soon to be published in the *Journal of Biomedical Informatics*, was written by Vagelis Hristidis, associate professor of computer science and engineering; Matthew T. Wiley, UCR graduate student working with Hristidis; Kevin M. Esterling, professor of political science; and Canghong Jin, a former visiting graduate student at UCR.

**Distinguished Professor of Art Curates Prestigious Exhibit**


“Pope was a person of great fame in his own lifetime, a national worthy,” Baker said. “Some of the portrait busts were made to disseminate his image far and wide, but others were produced for particular friends,” among them William Murray, a young lawyer whom Pope tutored in oratory skills, who went on to become lord chief justice in 1754.

Portrait busts were the most popular images celebrating famous writers in the 18th century, Baker said. In addition to busts of Pope in terracotta, plaster, bronze and marble, the exhibition includes paintings, prints, drawings and rare books lent from collections in the US and Europe. Bringing eight versions of the same bust together has provided an opportunity for Baker and his colleagues to develop with computer scientists at Yale a research program of digital scanning that will allow scholars to explore the complexities of 18th century sculptural practice and the role of replication in this.

The exhibition will travel this summer to Waddesdon Manor, a country house built in the late 19th century for Baron Ferdinand de Rothschild in Buckinghamshire, England. The house is a National Trust property with a vast collection of art and extensive gardens. Major interdisciplinary conferences are being held at both Yale and Waddesdon.

---

**Awards and Honors**

*Economics Ph.D. Student Wins Prestigious Fellowship*

Pallavi Panda, a Ph.D. candidate in economics, has won a Hewlett/IIE Dissertation Fellowship in Popula-
tion, Reproductive Health, and Economic Development to further her analysis of the effects of trade on infant mortality in the Sub-Saharan Africa.

The Hewlett/IIE fellowship provides up to $20,000 per year for two years and will support Panda’s dissertation research, which examines whether a country’s gains in trade also translate into improved health for its citizens, specifically, if it results in the deaths of fewer infants younger than 1 year of age.

Panda’s adviser, Anil Deolalikar, professor of economics and dean of the new School of Public Policy, said, “Pallavi’s award is a great honor not only for her but for UCR, as the Hewlett/IIE fellowship is one of the most competitive fellowships in the area of population and development economics.”

**Associate Professor of Ethnic Studies Wins Award for Book**

Deborah R. Vargas, associate professor of ethnic studies, has won the Woody Guthrie Award for Outstanding Book on Popular Music for “Dissonant Divas in Chicana Music: The Limits of La Onda” (University of Minnesota Press, 2012). The award was presented by the International Association for the Study of Popular Music—U.S. Branch at the organization’s annual conference March 15 at the University of North Carolina, Chapel Hill.

Awards committee member Robert Fink said “Dissonant Divas” is “really a spectacular book, with a distinctive and powerful voice, and it fills a lacuna in popular music studies.”

“Dissonant Divas” also was named the Best Book in Chicana and Chicano Studies by the National Association for Chicana and Chicano Studies and received an honorable mention for Best Book in Latino Studies from the Latin American Studies Association.

The book assembles a unique archive of Chicana singers based on oral histories, ethnography, and archival research to explore what Vargas refers to as the musical dissonance of singers in relationship to canonical musical texts. She examines Rosita Fernandez’s musical inseparability with the Alamo; Tejano corrido folklore and its musical antithesis in Chelo Silva; the female accordion-playing bodies of Ventura Alonzo and Eva Ybarra as incompatible with the masculinist instrumental labor of Tex Mex conjunto music; geographic genre borders and the ways national music scales were negotiated by Eva Garza; and Selena’s cumbia performances of Black diasporic sound or what Vargas theorizes as “brown soul.”

**UCR Chef Robert Grider Wins Gold Medal at Regional Culinary Challenge**

Chef Robert Grider, senior culinary operations manager of the Lothian Residential Restaurant at UCR, can proudly call himself one of the best collegiate chefs in the west. And he has a gold medal to prove it.

Grider’s Panang Lobster Curry won him an American Culinary Federation (ACF) Gold medal at the National Association of College and University Food Services Pacific Regional Culinary Challenge at their annual conference at the Radisson Hotel in Los Angeles on April 4. He placed second overall, earning a $250 cash prize, and placed just behind overall winner Ed Glebus of San Diego State University. The pair were the only competitors to finish between 36 and 40 points, earning the ACF gold medal.

The competition pitted 12 top chefs from the Pacific region, including two from Mexico and 2014 national winner Bryce Bennes of Orange Coast College. The chefs were each given two live Maine lobsters and they had just one hour to cook four portions of an original, nutritionally balanced hot entrée, with side dishes and sauces.

“My dish merged Thai and Indian cuisines,” Grider said. “To celebrate UC Riverside’s citrus history, I incorporated three different varieties of lime in the dish to really highlight the taste of the lobster.”