

# UC IRVINE



LEONARD ORTIZ, STAFF PHOTOGRAPHER

Elizabeth Cauffman gives a talk on the emotional maturity of adolescents.

## Research aims to go 'Beyond CSI'

Experts discuss the intersection of psychology and the law.



SHERRIL CRUZ STAFF WRITER

UC Irvine's Center for Psychology and Law professors recently presented highlights of their research at "Beyond CSI: We the People: The Victims, Offenders, and Wrongfully Accused."

The center's mission is to bridge the gap between scientific evidence and public policy.

Erwin Chemerinsky, founding dean of UCI's law school, said the research could be used to improve negative aspects of the criminal justice system such as misidentification by eyewitnesses. Here's a look at the presentations:

### PETER DITTO

Professor of psychology and social behavior

"I don't always think about morality, but when I do, I think of Dick Cheney," he said. "I don't mean this in a partisan way."

Cheney's moral beliefs reveal universal truths, Ditto said. On almost every issue, he's on the conservative end of the political spectrum, except for one - same-sex marriage. Why? Because one of his daughters is gay, and Ditto said he assumes Cheney loves her very much.

Why does former Vice President Cheney make this one exception? How does anyone arrive at their moral beliefs? And what are the implications for politics and the law?

Moral intuitionism, a new view of morality that has developed over the past decade, suggests we use our emotions to determine what is right and wrong, not reason.

"We don't really reason very much about our moral beliefs," he said. "Morality is more of an emotional affair than a cognitive affair."

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PHOTOS: NICK AGRO, STAFF PHOTOGRAPHER

Bill Sagey of Orange participates in a wine tasting workshop through UC Irvine's Osher Lifelong Learning Institute.

# NEVER TOO OLD TO LEARN

Institute lives up to its name by offering lifelong learning opportunities to enrich the mind - and have some fun.

Tucked away in an office above a Barnes & Noble in Irvine, dozens of older adults are investigating "The World's Greatest Geological Wonders" and exploring the "Mysteries of the Neutrinos."

They're enrolled in classes offered by UC Irvine's Osher Lifelong Learning Institute, or OLLI.

OLLI started in 1997 as a collaboration of a small group of community members and UC Irvine's University Extension program with a mission to enhance the lives of older adults through fostering learning and social interaction. Today, OLLI serves more than 600 members who participate in courses and special events throughout the year.

The institute is run by a group of volunteers who team with UC Irvine faculty and staff to meticulously plan course offerings, curriculum



ANNA ILIFF STAFF WRITER

and events to delight, inspire and educate mature students from diverse backgrounds.

"These are serious courses for the mind," said Jessie Tromberg, vice president of programs for OLLI at UCI. "It's a service to the community. Irvine is a community that is aging and also has a high number of people with graduate degrees. All of science tells you that you've got to participate in extended learning to feed your brain."

OLLI classes are taught by retired and active professors or other experts and are designed to fit the lifestyle of its members, Tromberg said.

Typically, classes meet for one to five sessions and don't require cumbersome test-taking, papers or homework. Instead of trying to make the

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Margaret O'Neill of Huntington Beach studies wines of Burgundy, France, during an OLLI course.

## A club sport with varsity aspirations



SHILAH MONTIEL, CONTRIBUTING PHOTOGRAPHER

UCI Irvine rowers Adam Johnstone, left, and John Christensen practice on Newport Bay.

It's still dark outside when they arrive. And nothing else matters but the boat, the water and the crew. The feeling of practicing six days a week, 5:45 to 7:30 in the morning, is something only rowers can describe.

"On some magical days, the moon will be setting in the west and the sun will just be coming up over the horizon in the east. And the water's like black velvet," said Duvall Hecht, 83, who founded UC Irvine's rowing program in 1965. "It's a marvelous experience."

Hecht, an Olympic gold medalist and former UCI coach of many years, has



MIRIN FADER STAFF WRITER

shared his passion for rowing as a program mentor.

Crew was one of the university's founding intercollegiate sports, but it has operated as a club sport since it was cut from varsity status in 2009 because of financial constraints amid the California budget crisis.

Current UCI athletes make the same commitment their varsity predecessors did, waking up early to row before classes start. The results are evident. Last season, the crew reached new heights, winning the Western Intercolle-

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PHOTOS: NICK AGRO, STAFF PHOTOGRAPHER

Margot Gillison of Laguna Woods describes the flavors she notes while tasting one of the wines during the "Select Wine Appellations Around the World: Wines of Burgundy, France" class at the Osher Lifelong Learning Institute.

## OLLI: A chance to challenge one's mind

FROM PAGE 1

grade, members enroll in classes for the pleasure of enriching their minds and learning something new, Tromberg said.

This semester, OLLI is offering more than 30 classes on a breadth of topics including arts, humanities, sciences, mathematics and social science.

There are more than a dozen special events ranging from wine tasting to a tour of the USS Iowa battleship.

"Any time you learn something new, you keep



Phil Friedel of Irvine smells a wine before tasting it during an OLLI class on French wines.

your mind active," said Al Glasky, an OLLI member and presenter who teaches wine education classes. "That's what OLLI is all about. We want you to challenge your mind, expose

you to things you didn't know before and keep your mind active."

To enroll in classes, students must become members of OLLI. For an annual membership of \$160 or a se-

mester membership of \$100, students can enroll in up to six courses each semester. Classes are free to members. Special events have a nominal fee.

Although there is no registration deadline, students are encouraged to sign up for classes and special events as early as possible to ensure a slot in their preferred selections. Enrolling in a course past the initial start date is at the discretion of the instructor.

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## Upcoming courses

### WINES OF TUSCANY, ITALY

- **When:** 1-3 p.m. Friday
- **Where:** Woodbridge Onken classroom  
Taught by wine expert and OLLI member Al Glasky, this two-hour session on Italian wines will explore the climate, soil and preferred varietal wine specific to the Tuscany appellations. This session will include a presentation about this specific region, followed by a tasting of selected wines from this area. Bring two wine glasses to each session. OLLI will provide wine and snacks. Single session: \$25.

### COMPOSITION OF THE UNIVERSE

- **When:** 10 a.m. to noon April 28
- **Where:** Woodbridge Onken classroom  
We are told that the universe is 4 percent visible matter, which we can see, and 26 percent dark matter and 70 percent dark energy, neither of which we can see. Furthermore, 80 percent of the visible atomic matter we can see is gas. From this small amount of visible matter, how we have been able to infer the nature of the other 96 percent of the universe is a fascinating story. This class presents that story in a nonmathematical format.

### BIOROBOTICS

- **When:** 10 a.m. to noon May 19
- **Where:** Room 3008, Calit2 UCI, Building 325 on the UC Irvine campus  
Come and explore a new world combining computers, robotics and therapy with a series of independent, live demonstrations.

### STEM CELL HOPE FOR AGING EYES

- **When:** 1-3 p.m. May 22
- **Where:** Woodbridge Onken classroom  
UCI Professor Henry Klassen, M.D., Ph.D., a pioneer in the stem-cell clinical trial process, will speak about the treating retinitis pigmentosa, often called RP, and age-related macular degeneration, or AMD, with stem cells. Klassen will present information on manufacturing stem cells and beginning human clinical trials with a \$17 million grant awarded to his team by the California Institute of Regenerative Medicine.

### DIRECTOR'S VOICE: NICKEL MINES

- **When:** June 1. Director's talk 1-1:40 p.m., matinee 2-3:45 p.m.
- **Where:** Talk at William Gillespie Performance Studio, No. 1100. Matinee at Claire Trevor Theatre, UC Irvine campus  
This world premiere movement theater work interprets the 2006 Amish schoolhouse shooting in which five young girls were killed followed by the shooter's suicide. Presented by UCI dance choreographer and professor Andrew Palermo. Single event: \$15.50

## UC Irvine Osher Lifelong Learning Institute

- **Where:** Woodbridge Village Center, 4662 Barranca Parkway, Irvine
- **Cost:** \$100 for spring membership, which is valid for up to six courses. Single event prices vary.
- **Information:** 949-824-5414 or [unex.uci.edu/olli](http://unex.uci.edu/olli)

## JUSTICE: Expounding theories

FROM PAGE 1

Applying moral intuitionism to the law, people will obey a law if they intuitively feel it's moral. Same for politics. Moral intuition shapes what we believe.

It's why liberals and conservatives share some moral beliefs but differ on others. People decide their morals and then develop facts to explain them, he said. This leads to dueling facts.

"When we disagree about what the basic facts are, it makes lawmaking very challenging," he said. "Our hope is that understanding intuitive morality can lead to better law and, ultimately, if we understand the way each other think, it will lead to more civil politics."

### ELIZABETH CAUFFMAN

Professor of psychology and social behavior, education and law, director of the Center for Psychology and Law

Are adolescents developmentally different from adults in ways that require different treatment under the law? If so, should these developmental factors be considered? And at what age should the line be drawn between childhood and adulthood? Are adolescents even competent to stand trial?

Cauffman's research provides answers.

She began by recounting the story of Paul Gingerich, who was jailed at age 12 for conspiracy to help his 15-year-old friend murder his abusive stepfather. Gingerich was tried as an adult in Indiana and sentenced to 25 years.

"Now we have a 12-year-old lifer sitting in jail for a conspiracy to commit murder even though he was 12 years old at the time," she said.

"Adolescents know the difference between right and wrong. A 5-year-old

knows the difference between right and wrong," she said.

At 16, adolescents are equivalent to adults in cognitive functioning.

"This becomes the paradox: If adolescents are so smart why do they do such very stupid things?" she said.

Blame it on the frontal lobe, the area of the brain responsible for emotional maturity, she said. Neuroscientific research indicates it isn't fully developed until age 25.

"Kids know the difference between right and wrong," she said. "They just don't have the emotional ability to control that, so when you ask an adolescent why did you do that, and they say 'I don't know,' they're actually telling the truth."

Knowing the difference between an adolescent brain and a mature brain can help improve the juvenile justice system she said.

### JODI QUAS

Professor of psychology and social behavior

Children can be led to make false allegations of abuse, but children can also make "false denials," which occur more frequently than false allegations, Quas said. A false denial is when an abused child would deny being abused.

"Children can be manipulated into making all sorts of errors, including claiming that entirely false events occurred," Quas said.

More than half of the children who see a doctor for a sexually transmitted disease, with no prior claim of abuse, fail to disclose the abuse when asked, she said.

Children deny abuse based on fear.

"Children are afraid for themselves. They're afraid for their own safety, they're afraid of what

might happen to their family. They're afraid of what might happen to the perpetrator," she said. "These fears can lead children to fail to report significant experiences in their lives."

Quas and her colleagues are designing interview techniques that get more abused children to report abuse, and at the same time, decrease the number of false allegations.

Some of the interview techniques already in use include administering an oath. With an oath, the interviewer asks the child to promise to tell the truth. Sometimes the oath gets the child to tell the truth, sometimes it doesn't. It also doesn't help alleviate the child's fear, and children might not understand the obligatory nature of it.

One of the most promising strategies, Quas said, is putative confession a technique in which the interviewer tells the child that the suspect wants them to be truthful. It helps children overcome fear and motivates them to tell the truth.

### ELIZABETH LOFTUS

Distinguished Professor of Social Ecology, law and cognitive science

Human beings have faulty memories and memories can be manipulated. This can mean a prison sentence, even a death sentence, if an eyewitness account turns out to be wrong.

"Just because somebody tells you something with confidence, just because they describe it with a lot of detail, just because they express it with a lot of emotion doesn't mean that it really happened," Loftus said. "You need independent corroboration to know whether a memory is authentic or a product of some other process."

Applying this research to the law might help save hundreds of innocent peo-



Ditto



Loftus



Quas



Van Rooij

PHOTOS: LEONARD ORTIZ, STAFF PHOTOGRAPHER

ple who have been convicted of crimes that they didn't commit, she said.

Loftus' "misinformation paradigm" demonstrates how memory can be tainted.

In an influential study, Loftus and her colleagues showed they could affect a person's response by giving them misinformation through a leading, suggestive question, as opposed to a more neutral question.

In the study, people watched a simulated car accident. After, the researchers asked a leading question: "How fast were the cars going when they smashed into each other?" "Smashed" is the suggestive word.

Loftus and her colleagues found those who were asked the leading question estimated the car was going at higher speeds than those who were asked the more neutral question of "How fast were the cars going when they hit each other?"

This study is still described in psych 101 textbooks, she said. But

there's more. When people were asked a week later if they saw broken glass, the people who had the leading question were more likely to say yes than those who were asked the more neutral question.

"If you expose people to misinformation, it has the potential to contaminate, transform or distort their memory. Out there in the real world, misinformation is everywhere."

Loftus and many other researchers also proved that false memories can be planted. This is called the "rich false memory paradigm."

Researchers found that they could plant false memories through suggestion. In Loftus' experiment, one-quarter of the sample could be convinced that they were lost in a shopping mall and rescued by an elderly person. People can also come to believe good false memories.

Similar studies around the world arrived at consensus on the ability to plant false memories.

Researchers also found that false memories can

affect future behavior. Along with this ability to plant false memories are ethical dilemmas, she said. "When should we use these techniques?"

### BENJAMIN VAN ROOIJ

Professor and academic director of John S. and Marilyn of U.S.-China Institute for Business and Law

Van Rooij's research looks at China to answer questions such as why people obey the law and how laws can be better designed.

The challenge in China is implementation of laws. Weak enforcement leads to rule breaking, which is a vicious cycle, he said. If people know they're going to get punished for breaking the rules, then fewer people break the rules.

One of the problems in China is that it's difficult to distinguish between government and companies, which are often one and the same. If government has to regulate itself, that's a problem.

Another issue is a layer of informal rules below the formal rules. China is also an authoritarian system, which has few checks and balances.

Van Rooij and his colleagues have studied "enforcement campaigns" in China that include anti-corruption and food safety. These campaigns are similar to the U.S.' "war against drugs." There is short-term compliance during these campaigns.

Getting people to obey the law for the long haul is difficult because central government doesn't sway local law enforcement for long.

Also, people have come to realize that the campaigns are short-lived, so they only mind the rules for a short period of time.

Van Rooij is now collaborating with psychologists for answers.

"Psychology offers a lot of ways to improve compliance with the law," he said.

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COURTESY OF MIX

The Indian Subcontinental Club will be one of seven groups performing at the multicultural dance expo hosted by UC Irvine's Multicultural Interracial Experience club.

# DANCE SHOWCASE CELEBRATES UCI'S DIVERSITY

Students will perform traditional dances from hula to haka.

By AMERICA HERNANDEZ  
STAFF WRITER

The tongue-wagging has started about UC Irvine's student-organized MIX Melting Pot Festival, along with the thigh-slapping, eye-rolling, and foot-stomping. Seven clubs will come together to perform traditional cultural dances, ranging from the well-known Hawaiian hula to the outlandish haka war cry from New Zealand's Maori tribe.

"Every culture is so different, but every culture dances," said Michelle Maasz, the artistic director and organizer of the event.

Seeking to represent a "microcosm of the cultures at UCI," Maasz collaborated with the Multicultural Interracial Experience (MIX) club, which was founded in the late '90s to promote multiracial awareness at a time when students could only check one box in the race and ethnicity section of admissions applications.

This April, audiences will be treated to the Indian Bharata Natyam, once performed in temples and courts for gods and kings alike. Flirtatious eyes be-

tween men and women and subtle body movements alternate with megawatt smiles and romantic humor in this pairs dance.

For a change of pace – six paces per beat, to be precise – Japanese taiko ritual drummers will make an appearance, pounding out the flying pulse of warriors preparing for battle.

The drums are so large that just playing them is a show of strength, turning musicians into dancers as arms rise and fall ever faster in swift, elegant arcs.

The MIX Melting Pot Festival aims not just to acquaint the audience with artistic heritages from around the world, but also

to build ties between the artists themselves, introducing dancers to diverse traditions that use the same form of self-expression in radically different ways.

"This event is a sampler of what all the clubs offer separately later on this season," Maasz said.

The Indian performers may find a kinship with their Vietnamese counterparts, who will also present a folk flirtation, this one in a rural southern setting replete with elaborate fans.

Likewise, the swaying hula girls may recognize their delicate, flowing gestures on hands rather than hips in the Thai show set to a sweet, mellow tune.

Two Philippine presenta-

## MIX Melting Pot Festival

**When:** 7 p.m. April 3 at Winifred Smith Hall, UC Irvine campus; and 7 p.m. April 8 at Samueli Theater, Segerstrom Center for the Arts  
**Admission:** Free, first come, first served  
**Information:** mix-tix2014@gmail.com or 858-663-8607

tions offer a look at the regional variances within cultures, with the well-known Tinikling dancers jumping over low bamboo poles and the southern Moro Moro dancers acting out the adventures of royal figures in sequins, capes and animal masks.

Not to be outdone, 15 Mexican folkloric dancers will sweep the stage in wide skirts, sombreros and loud boots, as will a larger-than-life dragon costume made to undulate from within by deft puppeteers.

at University Extension A, Rooms 101-2. Admission is free. Information: 949-824-4598 and paralegal@unx.uci.edu

## wednesday april 2nd

**WORKSHOP**  
**BPC Workshop - Presentation Skills for Pitching Investors:** With Mike Cannon, consultant, Main Point Communications. 6-8:30 p.m. at Multipurpose Academic & Administrative Building, Executive Commons. Admission is free. Information: 949-824-4061 and chouston@uci.edu

## thursday april 3rd

**ART**  
**10th Annual Guest Juried Undergraduate Exhibition - Opening Reception:** 6-9 p.m. at University Art Gallery. Exhibit runs through April 19. Admission is free. Information: 949-824-9854 and gallery@uci.edu

## friday april 4th

**LOGIC & PHILOSOPHY**  
**Embedding the Classical in the Intuitionistic Continuum:** With Joan Moschovakis, mathematics professor emerita, Occidental College, and mathematics guest, UCLA. 3-5 p.m. at Social Science Tower, Room 777. Admission is free. Information: 949-824-1520 and patty.jones@uci.edu

## monday april 7th

**DISCUSSION**  
**Not a Zero-Sum Game - U.S.-Russian Relations in a Multipolar World:** With Sergei Plekhanov, political science associate professor, York University, Canada. 2-4 p.m. at Humanities Gateway, Room 1030. Admission is free. Information: 949-824-6406.

## tuesday april 8th

**PUBLIC PENSIONS**  
**The Public Pension Crisis - Causes and Consequences:** With Joshua Rauh, finance professor, Stanford University. 5:30-7 p.m. at Social & Behavioral Sciences Gateway, Room 1517. Admission is free. Information: 949-824-3344 and slotito@uci.edu

## wednesday april 9th

**SPEECH**  
**Autism Update 2014 -**

**The Future of Autism Research:** With keynote speaker Connie Kasari, education professor, UCLA. 8 a.m.-9 p.m. at Beckman Center. Admission is free. RSVP required by April 2. Information: 949-824-2500 and biosci-events@uci.edu

## thursday april 10th

**PEACE & CONFLICT STUDIES**  
**The Syrian Tragedy - Where from? Where to?:** With Bassam Haddad, public and international affairs assistant professor and Middle East studies director, George Mason University, and Center for Contemporary Arab Studies adjunct assistant professor, Georgetown University. 3:30-5:30 p.m. at Humanities Gateway, Room 135. Admission is free. Information: slotito@uci.edu.

## friday april 11th

**SOFTWARE RESEARCH**  
**Analysis of Social Curation on Pinterest - Content, Diversity and Gender:** With Loren Terveen, computer science and engineering professor, University of Minnesota. 3-4 p.m. at Donald Bren Hall, Room 6011. Admission is free. RSVP required by April 9. Information: isr@uci.edu

## saturday april 12th

**FESTIVAL**  
**Celebrate UCI:** This spring event features an outdoor festival, open house and car show. Wayzgoose, UCI's oldest tradition, is a student-run festival in Aldrich Park - filled with live entertainment, food, games and rides for UCI and the community. Many offices and services will be open or available with information for everyone, especially prospective students. This includes academic program information and sessions; campus, housing and recreation facilities tours; financial aid and admissions; and more. Event is 10 a.m.-4 p.m. at locations throughout campus. Admission is free. Information: 949-824-5182.

## thursday april 17th

**DANCE**  
**Dance Escape:** New dance works choreographed by nine graduate students at Claire Trevor School of the Arts. Event is at 8 p.m. April 17-18, 2 and 8 p.m. April 19 at Claire Trevor Theatre. Tickets are \$11-\$15. Information: 949-824-2787 and artstix@uci.edu

## tuesday 25th

**LAW**  
**Duty to Obey the Law - Chinese and Comparative**

**Perspectives:** With Benjamin van Rooij, law professor. 2:30-4 p.m. at Law Building, Room 3500. Admission is free. Registration required. Information: 949-824-8851 and jghsu@uci.edu

## tuesday april 1st

**EXTENSION**  
**Paralegal Education & Career Planning Session:** Learn how to start your career as a paralegal. This session explores the benefits and requirements of the Paralegal Certificate Program offered by UC Irvine Extension. 5-6:30 p.m.

## ANTEATER SPIRIT



Irvine's Chelsea Magracia holds her pose with the help of her teammates during a game against UC Davis.



UC Irvine alumnus Joe McRae, center, and daughters Elizabeth McRae, left, Tessa McRae dance as they are featured on the Dance Cam at a men's basketball game against Cal State Long Beach last month.

PHOTOS: SHILAH MONTEL, CONTRIBUTING PHOTOGRAPHER