

Cool Things Smart Students Should Know About UC Riverside

# and Impacts



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# Since welcoming our first class in 1954,

UC Riverside (UCR) has been home to inventors and innovators, creators and community leaders, geniuses and groundbreakers. This is a university where students find the resources and support to turn their passions into purpose, to have an impact on campus and around the world.

UCR is proud to be home to students just like you whose hearts drive them not just to succeed but to make a difference.

Get to know more about UCR through these 54 Facts and Impacts — our people, our programs, our heart — and find your place here too.

# We can't wait to welcome you to UCR!



### Watch Us Rise

• Following a year when UCR was recognized as the fastest-rising university in the country by *U.S. News & World Report*, we continued to make big strides in the world's most-prestigious college rankings in 2019. In its Best Colleges listing, *U.S. News* named UCR the top performing school in the nation on social mobility. *Washington Monthly* ranked UCR the 27<sup>th</sup> best university in the nation based on social mobility, research, and service. *Money Magazine* ranked us the 12<sup>th</sup> Best College for Your Money. *Forbes* ranked UCR 27<sup>th</sup> on its list of America's Best Value Colleges. On its Best Global Universities list, *U.S. News* ranked us the 149<sup>th</sup> best university in the world. The *Times Higher Education* World University Rankings placed UCR in the top quarter of all ranked world universities. The Center for World University named UCR among the top 11% of ranked world universities.

#### ucr.edu/about/ranks-and-facts





More Than 450 Flavors! Find your perfect fit among UCR's more than 450 student organizations or get together with four other students and work with Student Life to start your own! Students have started a variety of organizations at UCR, including Engineers of the Future, Fire Spinning Club, First Generation Student Association, and Women on the Rise. "Being involved in a student organization allows a student to practice leadership skills, meet staff and faculty outside of the classroom experiences, and get a head start on preparing for their jobs and careers after school," says Adam Daniels, interim senior coordinator for Student Life. "They can also meet friends and share hobbies, make a difference in the Riverside community, and contribute to global philanthropies."

#### highlanderlink.ucr.edu



#### For Those Who Served

When UCR's Veterans Resource Center (VRC) opened its doors in fall 2017, the veterans, active-duty servicemembers, military spouses, and military dependents it serves had a group of student veterans to thank for spearheading the center's founding. Student veterans met with campus leaders to push for the development of a centralized space on campus that would provide military-affiliated students at UCR with resources, support, and community. Targeted resources like the VRC earned UCR a spot on *U.S. News & World Report's* 2020 listing of the Best Colleges for Veterans.

veterans.ucr.edu



#### **Going Green** Sustainability is a way of life at UCR, from the compostable utensils used in campus dining to the solar panels found across campus that are sending 100% renewable energy into our grid. UCR was included on The Princeton Review's 2019 listing of the Top 50 Green Colleges, recognizing schools that share superb sustainability practices, a strong foundation in sustainability and a healthy quality of life for students on campus.

princetonreview.com/college-rankings/ green-guide

sustainability.ucr.edu

# Get to Know the School of Medicine (UCR SOM)

UCR SOM was created to improve the health of the people of California, especially the medically underserved throughout our Inland Southern California home. The school does this by training the next generation of medical doctors (M.D.s) and biomedical researchers, and by developing innovative research and health care delivery programs that address the needs of our communities.

**In Practice:** UCR SOM's first class of M.D.s graduated in 2017, and many of them completed their residencies and began practicing in their communities in 2020. Today, there are more than 280 students enrolled in UCR SOM.

**Getting In:** Each year, The Thomas Haider Program at the UCR School of Medicine guarantees 24 seats in the incoming UCR SOM class to current UCR undergraduate students or recent UCR graduates who fit the school's mission and meet admission qualifications. Qualifying UCR undergraduates who want to commit to attend UCR SOM may apply to the Thomas Haider Early Assurance Program (EAP) (somsa.ucr.edu). Students selected for EAP avoid the time, stress, and expense of the traditional application process and do not have to take MCAT, allowing them to spend their final undergraduate year focusing on community engagement and gaining additional clinical and research experience.

**Doctors and Doctorates:** In addition to producing excellent physicians, UCR SOM trains the next generation of research scientists in the **Division of Biomedical Sciences (biomed.ucr.edu)**. The program offers Ph.D. and M.S. degrees to students who will bridge the gap between basic science research and clinical medicine through independent research.

#### medschool.ucr.edu



## **6** Live Your Best Life in Riverside

Located just 60 miles (96 km) east of Los Angeles, Riverside is a vibrant hub for arts and culture in Inland Southern California. Take advantage of our average of 277 sunny days each year to meet up with friends at hip cafes, antique bookstores, sprawling parks, and cultural festivals. Catch a film screening, concert, musical, or dance performance at a local theater or club. Visit the historic **Mission Inn Hotel & Spa** for the annual **Festival of Lights** holiday extravaganza each winter or any time of the year to enjoy its stunning art and architecture. Transportation is accessible with bikes, Zipcar rentals, Uber, Lyft, taxis, carpools, UCR's Point-to-Point Shuttle, or ride the RTA bus for free with your student ID.

#### admissions.ucr.edu/about-riverside





## **Building for the Future**

Construction is now underway on the Student Success Center, a multipurpose space near the center of campus that will provide classroom space with seating for 1,100 plus medium- and large-size lecture halls, meeting rooms, study spaces, a student lounge, and dining. The center is slated to welcome students in fall 2021.

# Continuing Education

Brandy Renee Taylor ('13) recently returned to UCR to earn her MBA. She's pursuing the degree full-time as the inaugural recipient of the UCR School of Business Guardian Scholarship for graduate students. Presented in partnership between the School of Business and Guardian Scholars, a program that supports former foster youth, the scholarship covers Taylor's tuition and fees. Taylor was raised by her grandparents for the first nine years of her life, then spent four years in foster care before returning to her grandparents.

#### fosteryouth.ucr.edu



# Distinguished Scholars

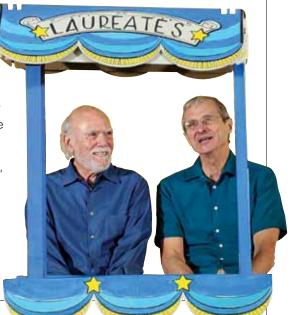
Richard R. Schrock ('67), alumnus and MIT-turned-UCR chemistry professor, didn't set out to win the 2005 Nobel Prize in chemistry. He simply aspired from age eight to get involved in chemistry, which he later studied at UCR. He chose to attend UCR for its undergraduate research opportunities. That foundation led Schrock to his work in producing the first useful catalyst for metathesis, a lab method used in making drugs for hepatitis C, osteoporosis, AIDS, and other diseases, and, of course, to a Nobel Prize.

**Barry C. Barish**, who won the 2017 Nobel Prize in physics for the discovery of gravitational waves, is UCR's second Nobel Laureate. He returned home to the UC family, having earned a Ph.D. in experimental particle physics in 1962 from UC Berkeley and building an illustrious career. A first-generation college

student himself, Barish champions UCR's research programs and orientation toward student success.

In addition to these two Nobel laureates, UCR is also home to 48 Fulbright Scholars, 19 Guggenheim Fellows, 49 National Endowment for the Humanities Fellows, 12 members of the National Academy of Science, one member of the National Academy of Medicine, two members of the American Academy of Arts and Letters, five members of the American Academy of Arts and Sciences, one member of the National Academy of Engineering, and four members of the National Academy of Inventors.

#### provost.ucr.edu/scholars-distinction





## Let's Go Exploring!

At UCR, adventure is around every corner! Join us on an outdoor trip, or we can design a custom trip just for your group and we'll lead it. Stop by Outdoor Excursions at the Student Recreation Center (SRC) to sign up for a trip, become scuba-certified, get discount ski lift tickets, and rent gear for your own outdoor adventure. You can also get a job as a trip leader! "From leading trips to the beautiful Santa Cruz Island to visiting the breathtaking waterfalls at Yosemite, I can't trade this job for anything else," says Allison Alcid, a senior media and cultural studies major who's a student manager and trip leader with Outdoor Excursions. "It has helped me open up and have more confidence in myself that I didn't think was possible."

excursions.ucr.edu

# Fighting Food Insecurity

A new program at UCR is training students to discover, design, and deploy solutions to combat food insecurity. Through Plants-3D, 50 undergraduate students are receiving academic and entrepreneurial training, mentorship, and stipends to attend professional conferences, all with the aim of improving crop resilience and yields in the face of increased drought, flooding, and heat due to climate change. Plants-3D is made possible through a \$3 million grant from the National Science Foundation Research Traineeship

program. "There is a great need for scientists who can not only update the aging agricultural technologies of today, but who can find solutions to the challenges that climate change will pose for the farmers of tomorrow," says Sean Cutler, professor of plant cell biology. "This program will definitely help fill that need."





**Curating Music History** UCR alumna Nwaka Onwusa ('08) worked four jobs while pursuing her sociology degree. One of those jobs, working at the box office for the campus fine arts theater, set her on a path that led to her new job as director of curatorial affairs for the Rock & Roll Hall of Fame in Cleveland, Ohio. A former box office manager at UCR encouraged Onwusa to apply for a job at the Grammy Museum in Los Angeles, where she started out working in its box office. Over 10 years with the museum, she moved from the box office to the education department and later became the curator, responsible for exhibits including "Legends of Motown" and "All Eyez on Me: The Writing of Tupac Shakur." At the Rock & Roll Hall of Fame, Onwusa, who was the first member of her family to attend college, put on an exhibit about Public Enemy's influence and created the Interactive Garage, an exhibit where museum visitors can play real musical instruments.

# **13.** Get to Know the School of Business

UCR boasts the largest undergraduate business program in the entire UC system, along with a full-time Master of Business Administration (M.B.A.), Professional M.B.A., Master of Professional Accountancy (M.P.Ac.), Master of Finance (M.Fin.), and a Ph.D. program.

**Customized Learning**: Students in the master's program can tailor their degree to align with their career goals, as Valtteri Salomaki did for his M.B.A. when he added courses in Blockchain Application in eCommerce and Full-Stack Product Development. "The A. Gary Anderson School of Management has provided me with all the resources and support I have needed to achieve my ambitious goals," Valtteri says.

National Recognition: The school is accredited by the Association to Advance Collegiate Schools of Business. *U.S. News and & World* ranked The A. Gary Anderson Graduate School of Management as one of the top 100 M.B.A. programs in its 2020 listing of the Best Business Schools.

**Consumer Thinking:** Thomas Kramer, professor of marketing and associate dean of undergraduate programs in the School of Business, has spent his career investigating the beliefs, biases, and heuristics that effect consumer choice and behavior.

#### business.ucr.edu



# Clearing the Air

Researchers in the lab of Cell Biology Professor Prue Talbot are investigating the potential dangers of e-cigarettes. The lab, which includes undergraduate and graduate student researchers, has demonstrated higher levels of metal particles in e-cigarette aerosol than what is found in cigarette smoke. Many of the metals found in e-cigarette aerosol are known to cause respiratory disease. Careen Khachatoorian, a sixth-year graduate student who is a member of the lab, is studying the residue left behind by e-cigarettes. She hopes her research will give e-cigarette users a better understanding of the toxic effects of their habit. "For a long time, people didn't know the dangers of cigarettes. Now, we know the dangers," Khachatoorian says. "Who knows — 10, 20 years from now — what e-cigarettes will have been found to cause."



## **15. Tartan and Traditions** UCR takes pride in R'school spirit. We wear UCR gear on Wednesdays for R'Day, cheer on our athletes alongside our UCR Highlander Pep Band, hold true to four core "Tartan Soul" values (Integrity, Accountability, Excellence, and Respect), and honor decades of campus traditions with our Highlander Traditions Keeper program, where students complete and track at least 54 predetermined traditions to earn a medal upon graduation.

tartansoul.ucr.edu



#### **Hardcore Research**

**6** Hardcore Rescard. attend lectures on a range of topics, like the origins of the punk rock pogo dance style. Marlen Ríos-Hernández presented that lecture based on the research she's been conducting at UCR as a doctoral candidate in the Ethnic Studies department. Ríos-Hernández's dissertation is charting the growth of punk scenes in Los Angeles, Mexico, and Latin America from the late 1970s to the mid-2000s, and focuses on punk legends like Alice Bag, an East L.A. native and founder of the influential punk band the Bags. In addition to completing her dissertation, Ríos-Hernández works in the Chicano Student Programs office at UCR and serves as a mentor to first-generation humanities students interested in pursuing advanced degrees.

**Real Roots** During more than a century of discovery, scientists at UCR's Citrus Research Center and Agricultural Experiment Station have earned worldwide recognition for the study of plant sciences, environmental and natural resources, and pest management. Every orange, lemon, lime, and mandarin orange found on your grocer's shelf has a genetic connection to the trees at our Citrus Research Center, which was established in 1907. We're also home to the **Citrus Variety Collection**, a living citrus museum with some 900 varieties of citrus — the largest collection in the world. You can even drink juice made from oranges grown on campus! So that sweet and juicy California navel orange you had for lunch today had its roots right here at UCR.



**Cosmic Merger** Galaxies orbit other galaxies. Our own galaxy, the Milky Way, is orbited by more than 50 satellite galaxies and, thanks to its powerful gravitational field, may have stolen

some of those satellites, according to a recent

discovery by a team of astronomers led by

scientists at UCR. Using new data gathered by the Gaia space telescope, the team discovered that several of the small galaxies orbiting the Milky Way used to be satellites of the Large Magellanic Cloud (LMC), the largest of the galaxies that

orbit the Milky Way. The researchers are using these findings in their ongoing study of the mass of the LMC, how LMC-sized galaxies form their stars, and how that star formation relates to how much dark matter mass they have.

## Get to Know the College of Humanities, Arts, and Social Sciences (CHASS)

CHASS uniquely combines the arts, humanities, and social sciences into a single college so that students can explore human life and meaning from many perspectives.

Specialized Studies: UCR is the only UC campus to offer an undergraduate degree in creative writing and the only UC campus with a low-residency M.F.A. program. It's the first UC campus to offer a Native American history Ph.D. and is one of the few universities in the nation to offer a doctoral dance program.

Best in Class: CHASS faculty have been recognized globally for their art, research, and contributions to their fields. Carolyn Murray, professor of psychology, won the Dr. William Montague Cobb Award for her work addressing health disparities in the black community. John Jennings, professor of media and cultural studies, won an Eisner Award for co-creating "Kindred," a graphic novel adaptation of Octavia E. Butler's work. Walter Clark, professor of music history, is a noted scholar of Spanish and Latin American music, and was knighted by King Felipe VI of Spain.

chass.ucr.edu

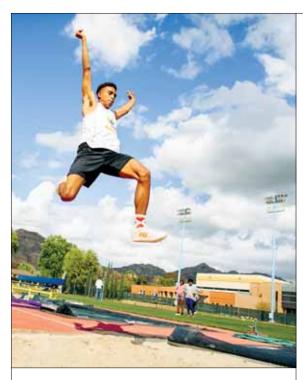
# **Giving Cup**

Purchase a cup of coffee in one of UCR's residential dining halls and you'll not only get a caffeine jolt, you'll also support fellow UCR students. Since 2019, the dining halls have been brewing blends from Mammoth Coffee, a business owned by alumnus Steve Shatkin ('89)



and his wife, Tracie, that donates proceeds to causes including Guardian Scholars, a program operated out of the Office of Foster Youth Support Services that provides a wide range of support to former foster youth at UCR. The Shatkins, who also own design manufacturing business Tortoise Industries, are long-time supporters of Guardian Scholars, hosting celebrations for the students served by the program at their home and even sponsoring a weekend getaway to Mammoth.

Sharpened MindsResearch conducted at UCR suggests that learning multiple skills at the same time can reduce or maybe even delay cognitive decline in older adults. Rachel Wu, assistant professor of psychology, and her research team, which includes undergraduate students, made this discovery after having a group of adults ages 58–86 take three-to-five classes over the course of three months. Participants were given cognitive assessments before, during, and after their classes to gauge their working memory, cognitive control, and episodic memory. In just six weeks, participants increased their cognitive abilities to levels similar to those of people 30 years younger!



# **22.** Two for the History Books

UCR is home to 17 men's and women's NCAA Division I teams, including two with recent school-history-making athletic championships under their belts. In 2018, the softball team made its first-ever postseason appearance, competing in the National Invitational Softball Championship (NISC). The team swept its way through the West Regional, ultimately being named NISC West Regional Champions, following a 7–1 victory over the University of Nevada, Las Vegas. The softball team went on to place second in the NISC Championship, following a 9–6 victory over Eastern Kentucky University. The men's soccer team won its first-ever Big West Tournament that same year with a 4-2 penalty kick decision over UC Davis. This marked the team's first appearance in a Best West Championship, and the win over Davis gave the team its first opportunity to compete in an NCAA tournament.

gohighlanders.com

# **New Testing Methods**

**15.** Researchers at UCR are helping the U.S. Environmental Protection Agency achieve its goal of eliminating animal testing by 2035. Using lab-grown human tissue, Nichole zur Nieden, associate professor of molecular, cell, and systems biology, will develop a way to test whether chemicals cause musculoskeletal birth defects. zur Nieden and David Volz, associate professor of environmental toxicology, had previously received a grant to grow human stem cells into bone-like tissue to test industrial and environmental chemicals that might interfere with fetal growth. Previous versions of the test system zur Nieden will use for the new musculoskeletal research have identified embryotoxic chemicals for other tissues, such as heart tissue, with almost 100% accuracy.

## 24. Social Media Movement

UCR alumna Taylor Pollard's grandmother used the phrase "flexin' in my complexion" when she wanted to empower her grandchildren. When Pollard ('16) discovered several years ago that her then-10-year-old sister was being bullied at school because of her dark complexion, she posted a picture of her sister with #flexininmycomplexion. The post went viral — over 300,000 likes, over 500,000 retweets. That post led to the creation of a T-shirt brand (popular with celebrities like

> Whoopi Goldberg, Tiffany Haddish, and Lupita Nyong'o) and turned her sister Kheris Rogers into a fashion model and role model with over 245,000 Instagram followers.

# A Place for Fun and Fitness!

Open an average of 18 hours a day, UCR's 155,000-square-foot Student Recreation Center features a two-story weight room, an indoor climbing wall and boulder, large swimming pool and spa, tennis courts, and an indoor running track. It also offers fitness and recreation classes, cooking demos, swim lessons, and is home to the intramural sports program. All UCR students are automatically members! This means more ways for you to get fit — and more ways for you to have fun!

recreation.ucr.edu



**26.** Get to Know the School of Public Policy (SPP) UCR has the only public policy program in the UC system that offers both undergraduate and graduate degrees. This interdisciplinary program allows students to fulfill their requirements by taking courses from 12 departments, from film and visual culture to political science.

**Specialized Programs**: Along with Stanford, Carnegie-Mellon, USC, and Brown, UCR is one of the few universities in the United States to offer an undergraduate major in public policy. Students who pursue an undergraduate public policy major have the opportunity to specialize in two of six tracks.

**Real-World Focus:** The research conducted by Karthick Ramakrishnan, professor of public policy and political science, and founding director of the Center for Social Innovation, focuses on civic participation, immigration policy, and the politics of race, ethnicity, and immigration in the United States.

spp.ucr.edu



7 Be the Teacher

Undergraduate students at UCR can develop and teach their own 1-unit class.
Through the R'Courses program, participants



work with a faculty mentor to create a discussion-based class on topics not covered in the university's curriculum. **Student-designed R'Courses have included Aquaponics, Queering Sustainability, Introduction to Birding, and Understanding Graphic Novels and Comic Books.** Python Programming Language was so popular an R'Course that it became a full-time computer science and engineering class! If teaching isn't your thing, you can take up to eight R'Courses during your time at UCR and earn elective credit toward your degree. Since the program was launched in 2014, 136 students have taught 122 R'Courses to almost 1,500 of their fellow UCR students.

rcourses.ucr.edu

28. Literary Star When Fatima Farheen Mizra ('13) came to UCR as a freshman, her goal was to become a doctor. Her career path was altered by an elective writing class. She soon changed



her major to creative writing, started work on her first novel, earned her undergraduate degree, and graduated from the prestigious lowa Writers' Workshop (she's the first UCR graduate to do so). Mizra's debut novel "A Place for Us," which tells the story of an Indian

American family, was published in 2018, the first book released under Sarah Jessica Parker's imprint SJP for Hogarth. It was a *New York Times* bestseller and was named one of the best books of 2018 by **Buzzfeed**, **NPR**, *Parade*, *People*, **Refinery29**, and the *Washington Post*.

**29** Campus of Firsts UCR consistently ranks among the nation's most ethnically diverse universities. Our campus' welcoming environment is supported in part by the Ethnic & Gender Programs offices, many of which are groundbreakers. UCR is the first campus to have a professionally staffed black student resource center (African Student Programs, 1972). We're the first UC campus to open an office focused on serving Native American students (Native American Student Programs, 1980). UCR was the first public university to offer a gender-neutral housing option to all students (2005). We're the home of the first Middle Eastern Student Center in the nation (MESC, 2013), a center that was founded thanks to the efforts of UCR students. Beyond these innovative supportive programs, UCR is the first UC campus to offer a Native American history Ph.D., the first university in California to offer an LGBT studies minor, and the first university in the world to have an endowed American Indian chair.

deanofstudents.ucr.edu/diversity

# **30.** Home Sweet Home Away from Home

There's no place like home — or your new home away from home. There are four allinclusive Residence Hall communities on campus for freshman domestic and international students, like the brand-new Dundee Residence



Hall, which features a fitness center, hall lounges, and outdoor recreation areas. Continuing and transfer students are eligible to live in one of UCR's campus apartment communities, like **Glen Mor**, which includes a swimming pool, fitness center, dining venue, and computer and gaming lounges. Students with families feel safe and supported with on-campus housing, kid-friendly resources, and **UCR's Early Childhood Services center**. Schedule a tour to explore your housing options, or take a virtual tour. It is not possible to know at this time whether the COVID-19 pandemic will result in changes to operations in student housing and residential life in academic year 2020–21. Consequently, we are not offering a housing guarantee. *housing.ucr.edu* 

## **31.** University Honors: Pillars of Excellence

Students in the University Honors program engage with faculty through special courses; connect with fellow Honors students in first-year, transfer, and upper-division Living-Learning Communities; and take part in faculty-mentored research. Honors students have the opportunity to create and publish their own undergraduate research capstone project. "I have ... learned what it really means to be a leader and to be civically engaged in my community, which consists of promoting creativity, appreciating diversity, and having a willing heart to give," says Joanna Sung, a senior biology major who is the chief ambassador in the University Honors Ambassadors program.

#### honors.ucr.edu



## **32.** Expert Opinion UCR has plenty to brag about, but it's nice when respected national leaders compliment us, too, like Robert B. Reich, UC Berkeley professor, bestselling author and former U.S. Secretary of

Labor, who had this to say about us:

"... [UC Riverside students are] as bright and engaged as any students I've taught at Harvard or Berkeley, and also determined to give back to their communities and their society. UCR has the energy of an underdog that knows it's winning the race that's worth winning. ... I wish we could clone UCR all over America." Superhero Science

Inspired by the comic books he's read since he was a child, Suveen Mathaudhu, assistant professor of materials science and mechanical engineering, is doing research to improve the strength and efficiency of metals. One project the Mathaudhu Research Group is working on aims to strengthen materials like magnesium and aluminum so they can replace bulkier materials used in transportation and, ultimately, improve fuel efficiency and lower emissions. This summer, Mathaudhu, a soughtafter expert on the science of superheroes, was awarded the Presidential Early Career Award for Scientists and Engineers, an award that recognizes and honors outstanding scientists and engineers at the outset of their independent research careers. Mathaudhu is assisted in his research by undergraduate, graduate, and post-doctoral student researchers.



## #UCRCareerReady

UCR students and alumni can get interview- and career-ready thanks to the services and resources available at the Career Center. Explore professional/career options through a series of on-campus events, personalized career counseling, career fairs, and job search skill-building workshops. International students can also participate in **Get HIRED**, a career-development program that supports U.S. and global job searches. Join the Career Center for job discovery panels and networking events where you can meet recruiters from top organizations. Log in to **UCR Handshake** to access jobs and internships from more than 200,000 employers around the world. Through the **R'Professional Career Closet**, the Career Center is able to provide students with free professional attire for interviews, networking events, and career fairs, much of which is donated by members of the UCR community.

#### careers.ucr.edu





**1** Safety Squad

UCR students, faculty, and staff don't have to walk to their cars or Residence Halls alone after dark thanks to the trained volunteers with the Campus Safety Escort Service (CSES), a program run out of the Women's Resource Center. The program began in the 1970s with a student living in the Aberdeen-Inverness Residence Hall who would walk his friends across campus at night to keep them safe. Today dozens of UCR students volunteer their time for CSES, walking members of the UCR community to their campus destinations from dark to 11:30 p.m., Sundays through Thursdays. "[A]s one of the coordinators, I have seen firsthand how the service is filled with wonderful student volunteers from all different colleges, majors, and backgrounds that collectively come together to promote safety on our UCR campus," says Leidy Macias, a junior double majoring in U.S. history and political science with a concentration on international affairs.

#### escortservice.ucr.edu



# **36.** Preparing for Takeoff Undergraduate students at UCR

interested in starting their own businesses can get support along their entrepreneurial paths through the LaunchPad at UCR. Part of the LaunchPad Powered by Techstars network, the program offers workshops, networking events, one-on-one mentoring, access to resources and tools, and opportunities for funding. "Being an entrepreneur is about seeing new opportunities and finding resourceful ways to achieve results," says Gillian Wilson, senior associate vice chancellor for research and economic development at UCR. "Even if a student may not think they are interested in starting a business, the experiential learning they will gain through these programs will stand them in good stead no matter what career path they decide to pursue."

launchpad.ucr.edu

**Training Ground** Science and engineering students at UCR have the opportunity to take part in a 10-week summer internship at the Jet Propulsion Laboratory (JPL) through a special program made possible by a NASA grant to the university. FIELDS (Fellowships and Internships in Extremely Large Data Sets) was launched to train the next generation of scientists and engineers in large-scale data analysis and visualization. Students who participate in the program can conduct field research at UCR during the academic year and take part in research internships, including at JPL. "The internships have been life-changing experiences for many of our students by opening their minds to new and unimagined opportunities," says Xinnan Du, the FIELDS program manager.

# **30.** Get to Know the College of Natural and Agricultural Sciences (CNAS)

In CNAS, faculty and more than half of our undergraduate students work side-by-side in an interdisciplinary environment that flows easily among the life, physical, mathematical, and agricultural sciences. Facilities like the new Multidisciplinary Research Building 1 (MRB1) make this possible by creating a shared space that enhances research and collaborations across disciplines.

**Star Gazing**: Astronomy students have access to UC telescopes and can look over the shoulders of department researchers, including remote observing with the Shane 3-meter and the Nickel 1-meter telescopes at Lick Observatory on Mt. Hamilton, California, and the 10-meter twin telescopes Keck I and Keck II at W.M. Keck Observatory on Maunakea, Hawai'i.

**Protecting Citrus:** UCR researchers are working with researchers from other institutions at a new biosafety level 3 laboratory near campus to find ways to prevent and cure Huanglongbing, or HLB, a disease the prevents fruit from ripening. The disease, which is caused by a bacteria that is spread by a tiny insect, the Asian citrus psyllid, has decimated citrus crops in Florida and China, and has been detected in backyard trees in Los Angeles, Orange, and Riverside Counties.

cnas.ucr.edu

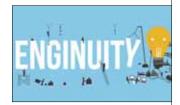


**Experience the World** At UCR, your education is not limited to our beautiful campus. Discover the world by going abroad on one of our international programs. Students earn academic credit abroad and can choose full-year or short-term programs in a wide range of majors. Best of all, studying in a different country doesn't have to be expensive! Many Education Abroad programs offer exceptional value at costs comparable to staying at UCR, and you can use UCR financial aid, scholarships, and grants to study abroad. "The experience allowed me to immerse myself in a completely new culture, meet people from all over the world, and travel to numerous countries," Ghanee Ludin, a senior Business Administration major, says of his experience studying in Hong Kong during his junior year. "It gave me a new perspective on life and made me view the world through a different lens." ea.ucr.edu

# Knock, Knock!

**T U** Freshman at UCR can live in Housing's academic-based Living-Learning Communities (LLCs). Residents share a similar major and class schedule, get academic support, take part in social

activities, and connect to faculty and mentors in their fields. "Being in a Living-Learning Community has made me more aware of academic and professional campus resources, given me the chance to build connections with students in my major, and motivated me to be more involved with my professors and TA's," says freshman Megan Woodall,



a B.S. + M.S. environmental engineering major who lives in Enginuity LLC, a community for first-year freshman enrolled in BCOE. LLCs are also available for students in CHASS, students in Honors, pre-business majors, and students in CNAS.

housing.ucr.edu/living-at-ucr/living-learning-communities

tumblr

# Like, Follow, Share

The best eats, housing events, sports, and spotlights at UCR and in Riverside are available at Life at UCR, social media accounts managed by UCR students for prospective Highlanders. Discover what it's really like to be a student at UCR and keep up with all of the latest campus news including important admission updates — by following UCR Undergraduate Admissions on Facebook (@UCRAdmissions), Instagram (@lifeatucr), Tumblr (lifeatucr.tumblr.com), Twitter (@UCRAdmissions), and YouTube (Life at UCR). International students can connect with Undergraduate Admissions on WeChat (UCR Undergraduate Admissions) and WhatsApp (+1 (909) 378-5012). "Working at Life At UCR has been nothing short of amazing," says Xavier Rony, a senior media and cultural studies major who's a member of the Life at UCR team. "Creating content and collaborating with a talented team of creators has not only fueled my creativity but has enhanced

my college experience exponentially."





**42. Study Breaks** The library is a natural go-to when you want to read, conduct research, or study, but what about when you want to do a craft, grab a snack, or pet a dog? Launched in 2013 by the Access Services Department in the UCR Library, Finals Week Stress Relief gives students a break from studying and a chance to

unwind during the last two weeks of each quarter with tutoring, activities like slime-making, food giveaways, and even time with Therapy Fluffies, trained comfort animals. The Library partners with departments, clubs, and organizations across campus to present this programming to students for free. "Through a creative approach, the UCR Library's Finals Week Stress Relief Committee's goal is to nurture our UCR Highlander students by creating a relaxing and stress-free environment during each quarter's Pre-Finals and Finals Week, and a sense of community; and to help alleviate food insecurities that many of our students battle daily," says Elisha Hankins, Access Services Desk coordinator.

library.ucr.edu

## **43.** Get to Know the Marlan and Rosemary Bourns College of Engineering (BCOE)

BCOE combines academic and research excellence, mentoring, and the opportunity for undergraduate research and internships. In addition to a curriculum focused on hands-on research and multifaceted design programs that address real-world challenges, students can engage with nearly 20 engineering student professional organizations.

**Ranked Globally:** *U.S. News & World Report* ranked BCOE 69<sup>th</sup> for engineering on its 2020 list of the Best Global Universities and the 87<sup>th</sup> best undergraduate engineering program in the nation on its 2020 Best Colleges list.

Better Tomorrows: BCOE faculty are currently working on research that will impact fields ranging from transportation to biotech and clean energy. Jay Farrell, professor of electrical and computer engineering and associate dean, is working to improve the accuracy of GPS location data. Huinan Liu, associate professor of bioengineering, is creating medical implants that will break down naturally in the body. Charles Wyman, Ford Motor Company Chair in Environmental Engineering, Center for Environmental Research and Technology (CE-CERT), and distinguished professor of chemical and environmental engineering, is seeking to find alternative, renewable energy sources.



#### www.engr.ucr.edu

## **Food for Thought**

Having consistent access to healthy, nutritious food is essential for success in school and in life. UCR has a number of programs to support students facing food insecurity, including R'Pantry, which offers emergency food to students in need. Student groups and individual students support R'Pantry through food drives, fundraisers, and by volunteering their time. Another source of food on campus is the R'Garden community garden. Some of the fruits and vegetables grown in the

> R'Garden are given to R'Pantry. Students are also welcomed to pick fruits and vegetables for free, and are invited to help harvest or plant new crops. "The time I've spent in the pantry has helped me grow as a peer and I think this is one of the most valuable experiences I've gained throughout my undergraduate career," says Angelica Gonzalez, a senior political

science and sustainability double major who works in the R'Pantry as the lead CalFresh Ambassador.

rpantry.ucr.edu



## **45.** Good Times, Exclusively Highlander

There's always something happening on campus, like the music festivals, guest speakers, cultural celebrations, and more presented by the student directors and volunteers with the Associated Students Program Board (ASPB). The Block Party and Spring Splash music festivals have gained legendary status with lineups that have featured A\$AP Ferg, Cold War Kids, Nelly, Rick Ross, Wiz Khalifa, and Young the Giant. On Wednesdays throughout the academic year catch a free miniconcert during **Nooners**. See free preview screenings of films like "Joker" and "Frozen II." Attend the Get to Know lecture series, which has featured speakers including Pete Davidson, Lena Waithe, and Kal Penn. All fun. All free. All exclusively Highlander. "The best part of my job is creating experiences where students can come together, be themselves, and make lasting memories here at UCR," says Judy Tu, a senior business administration, marketing concentration major and education minor who's currently serving as ASPB chairperson.

aspb.ucr.edu

**46.** Exceptional Promise With support from the unit of Student Engagement, UCR undergraduate students compete for — and win — prestigious scholarships, fellowships, and internships. In summer 2019 three UCR students were awarded Barry M. Goldwater Scholarships. One of the oldest and most prestigious national scholarships in the natural sciences, engineering, and mathematics in the United States, the Goldwater Scholarship Program seeks to

identify and support college sophomores and juniors who show exceptional promise of becoming this nation's next generation of research leaders. UCR's honorees are **Amrik Kang**, a biology major researching medical

drugs that can cure diseases such



as cancer or macular degeneration; **Anthony Cort**, a cell, molecular, and developmental biology major researching infectious diseases; and **Catherine Seo**, an engineering major who

wants to create a type of biodegradable screw to help stabilize internal fractures and a type of biodegradable needle to act as a probe that can measure wave lengths. Since 2013,



11 UCR students have been named Goldwater Scholars.

se.ucr.edu

## **Affordable Education**

But what does that mean to you? Well, for starters, it means that you don't have to go to a super-expensive school to earn a world-class degree. It also means that if you think college is too expensive, think again. At UCR, about 91.2% of undergraduate students receive some form of financial aid; about 70% of those who receive financial aid have their full fees covered by grants and/or scholarships, according to UCR's Financial Aid office. UCR students who borrow federal student loans graduate with an average student loan debt of about \$21,126 — less than one-fifth of the actual total cost of tuition and housing.

**There are many ways to pay for college**. Some, like scholarships and grants, you don't have to repay. Others, like loans, you will repay. You can also earn money through work-study or student employment. With programs like the **Blue and Gold Opportunity Plan** and **Middle Class Scholarship (MCS) program**, there are many ways you may be able to fund your education.

#### financialaid.ucr.edu

**48.** Building Community UCR welcomes students from over 70 countries. Thanks to the efforts of a small group of international student, international and domestic students have a place to connect and share — the International Student Union. One of those students, Viresha Perera ('19), was born in Sri Lanka and grew up in Dubai. She came to UCR to earn a degree in psychology and spearheaded the founding of the ISU to benefit not just international students like herself but the UCR community as a whole. "We wanted to make a space where we can allow and

enable [international students] to make those connections and feel more a part of the UCR campus," she says. Perera won the Outstanding International Undergraduate Student Award in 2018 for her work in helping launch ISU.



international.ucr.edu/studentsandscholars

# **49** Dedicated to Your **Figure 1** Health and Well-Being

Being a successful student means being well inside and out. UCR's Student Health & Wellness Services (SHWS) is a network of highly trained health professionals, peer educators, and community partners committed to your overall health and well-being. Stop by **Student Health Services** (SHS) for annual checkups, dental exams, reproductive care, prescriptions, and more. Counseling & Psychological Services (CAPS) offers individual and group therapy as well as psychiatric services. Get guidance and help solving problems from Student Affairs Case Managers. Connect with the **Student Disability Resource Center (SDRC)** for assistance with accessibility on campus. Drop into The Well for health education and peer support. Visit the **Student** Recreation Center (SRC) to take a fitness class, workout, swim a few laps, or learn to cook delicious, nutritious meals.

bewell.ucr.edu

# **50.** We Produce the Coolest Graduates!

Your Highlander family includes more than 120,000 alumni making an impact in media, science, technology, sports, government, and more.

#### **UCR Alums With Cool Careers**

#### MARK ANDRUS ('78)

Screenwriter of Academy Award-Winning "As Good as It Gets" (1997).

#### **STEVE BREEN ('92, T.C. '94)**

Editorial cartoonist and two-time Pulitzer Prize winner (1998 and 2009).

#### **ROBERT DEL GRANDE (PH.D. '80)**

American chef credited with pioneering and developing Houston's culinary scene and James Beard Award winner (1987 and 1992).

#### **MICHAEL DEVIRIAN ('66)**

Mission Control for the Mars Mariner and Lunar Lander Missions from 1966–70. He was also the operations manager for the Hubble Space Telescope and Camera Installation.

#### ELIZABETH GEORGE ('70, T.C. '73)

*New York Times* and international bestselling author of crime and young adult novels.

#### **ANTHEA HARTIG (PH.D. '01)**

An American historian and museum administrator who is the Elizabeth MacMillan Director of the Smithsonian Institution's National Museum of American History in Washington, D.C. She is the museum's first female director.

#### MICHAEL HUERTA ('78)

Former chief of the Federal Aviation Administration.

#### SHOLA LYNCH (M.A. '95)

Peabody Award-winning documentarian known for "Free Angela and All Political Prisoners" (2012), "Chisholm '72: Unbought & Unbossed" (2004), and "We the Economy: 20 Short Films You Can't Afford to Miss" (2014).

#### NAKUL DEV MAHAJAN ('02)

Choreographer for TV shows including "So You Think You Can Dance" and "Fuller House."

#### BRENDA MARTINEZ ('10)

Competed in 2016 Summer Olympics; 2013 bronze medalist World Track and Field Championships.

ANTHONY RENDON (PH.D. '00) > Speaker of the California Assembly, assemblymember for 63<sup>rd</sup> assembly district.

SHAH SELBE ('04) National Geographic explorer.

**BRENDAN STEELE ('05)** PGA golfer with three tour wins in his career.

alumni.ucr.edu

#### **51.** Get to Know the Graduate School of Education (GSOE)

At GSOE, faculty, students, and researchers are engaged in transformative partnerships that benefit K-12 students, families, and educators, and advance research and discourse in the field of education. GSOE and NASA's Jet Propulsion Laboratory recently joined forces to bring STEM programming and resources to students and educators throughout the Inland Empire.

Undergraduate Program: The education, society, and human development undergraduate major helps students inspire the next generation. Community learning is a signature feature of the program, and through partnerships with local schools, nonprofit organizations, and government agencies, students engage in meaningful research, expand their learning opportunities, and amplify their success.

**Graduate Programs:** GSOE offers master's, doctoral, and teacher credentialing programs that prepare students to become outstanding classroom educators, researchers, and educational leaders.

Learning from the Experts: Students have opportunities to work with some of the nation's top researchers and receive a results-oriented education with experienced faculty and nationally recognized experts in autism, special education, higher education, STEM, equity and access, school psychology, and educational policy research.

education.ucr.edu



## Bagpipes and Beyond

Why are we the Highlanders? A write-in campaign in the 1950s, led by the men's basketball team, was begun for the name "Hylanders," suggested by freshman Donna Lewis. The name was changed to its current spelling and won easily. Good choice since the Box Springs Mountains were known as the Highlands and UCR has the highest-elevation campus of the UCs. You'll find a Scottish influence in building names on campus, including the new Dundee Residence Hall and Glasgow dining facility. Our bear mascot, Scotty, cheers on the Highlanders dressed in UCR's tartan, which is registered in Scotland. Hear our bagpipe and drum

corps at campus events. Take bagpipe lessons in our music department. Beyond the fun traditions, to truly be a Highlander you just have to be your optimistic, driven, passionate self.

#### studentlife.ucr.edu/highlander-history

# **53.** From UCR to the Capitol

Three UCR alumni are currently representing the Inland Empire as legislators — Sabrina Cervantes ('09) in Sacramento as assemblymember for the 60<sup>th</sup> district, Jose Medina in Sacramento ('74, '84) as assemblymember for the 61<sup>st</sup> Assembly District, and Mark Takano ('10) in Washington, D.C. as congressman for the 41<sup>st</sup> District.

Cervantes, the first Latina millennial elected to the California State Assembly, earned a B.A. in Political Science from UCR. She chairs the Assembly Committee on Jobs, Economic Development, and the Economy.

Medina earned his B.A. in Latin American Studies and M.A. in History from UCR. Medina chairs the Higher Education committee and the California-Mexico Bi-National Affairs committee.

Takano, the first openly gay person of color to be elected to Congress, earned his M.F.A. in Creative Writing for the Performing Arts from UCR. He chairs the House Veterans Affairs Committee.

# **54.** Advocating

Ramón Leija, who completed a double major in education and political science in 2019, wants to attend law school so he can return to his hometown of Indio, California, to help the community through policy work. Leija made an impact on the UCR community as a co-founder of the UCR chapter of Underground Scholars Initiative, a student organization that provides support to formerly incarcerated or system-impacted students to help them achieve their academic, personal, and professional goals. A transfer student from College of the Desert, Leija served a three-year felony sentence for armed robbery. Following his release, Leija served as a mentor and volunteer in the Coachella Valley, and was appointed by then-Governor Jerry Brown to the State Advisory Committee on Juvenile Justice and Delinquency Prevention. Brown granted him a pardon in December 2018.

diversity.ucr.edu/undergroundscholars-initiative

# That's just a glimpse at the people, programs,

**and heart of UCR.** There's still so much more for you to discover about our university and everything you can accomplish here. We can't wait to see the impact you'll have at UCR and beyond.

# **Follow Your Heart to UCR!**

SIR today at: My.UCR.edu

#### Visit UCR!

Get a feel for campus life by scheduling a free tour or taking a 360-degree virtual tour. **(951) 827-8687** • *visit.ucr.edu* 

#### **Chat With an International Student!**

Message an international UCR student and get answers to your questions about academic requirements, campus life, and what it's like to live in Riverside, California! *admissions.ucr.edu/intl-chat* 

#### **Connect With Us!**

Ask questions and get the latest posts, pics, and updates from UCR.

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# UC RIVERSITY OF CALIFORNIA

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