College of Natural and Agricultural Sciences (CNAS)
cnas.ucr.edu

Get the Competitive Edge with Undergraduate Research
UCR offers research opportunities to all undergraduate students! This advantage catapults you to the “top of the list” for jobs and/or graduate school. Current CNAS research includes:
• Creating a coating that allows paper to be reused 80+ times
• Cracking the Zika Virus protein structure that will lead to a cure
• Fighting killer diseases attacking the U.S. citrus industry — thanks to a $5.1 million USDA grant

Earning Potential with a CNAS Bachelor’s Degree
Based on national averages. Higher earning potential with advanced degrees.
(PayScale.com, College Salary Report, 2019)

<table>
<thead>
<tr>
<th>Major</th>
<th>Early Career Pay</th>
<th>Mid-Career Pay</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Mathematics</td>
<td>$61,700</td>
<td>$113,000</td>
</tr>
<tr>
<td>Statistics</td>
<td>$62,000</td>
<td>$111,300</td>
</tr>
<tr>
<td>Physics</td>
<td>$60,700</td>
<td>$110,000</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>$46,500</td>
<td>$92,300</td>
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<tr>
<td>Chemistry</td>
<td>$47,900</td>
<td>$91,000</td>
</tr>
<tr>
<td>Microbiology</td>
<td>$45,600</td>
<td>$86,600</td>
</tr>
<tr>
<td>Geology</td>
<td>$46,300</td>
<td>$85,000</td>
</tr>
<tr>
<td>Biological Sciences</td>
<td>$45,200</td>
<td>$83,600</td>
</tr>
</tbody>
</table>

Make Discoveries That Save the World
Learn how insects impact our environment as an entomologist. Analyze meaningful data as a statistician. Prevent disruption to Earth’s systems and species as an environmental scientist. And so much more. **CNAS’ 16 majors** — taught by world-renowned faculty — will help you make a global impact!

View all majors: admissions.ucr.edu/majors

Innovative Research

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High-Profile Companies Hire CNAS Graduates
CNAS graduates go on to influence the pharmaceutical and plastics industries, manage space missions, track oil spills in the world’s oceans, and more.

UCR Alumnus Richard R. Shrock (Chemistry, 2005) and Barry Barish (Physics, 2017) provost.ucr.edu/nobel-laureates

1/2 of all CNAS undergraduates engage in research outside of coursework. Many co-author research papers!

2 Nobel Laureates on Faculty

12 Members of the National Academy of Sciences
One of the highest honors given to American scientists for their contributions to science.

The UCR Biology Department was No. 73 of 235 ranked; the Chemistry Department ranked No. 59 of 154; and the Physics graduate program was No. 56 of 146.
(U.S. News & World Report, 2019)
We’ll Help Your Dreams Come True

**S. HOLLIS WOODARD**  
Assistant Professor of Entomology  

**JING SHI**  
Professor of Physics and Astronomy  
Makes topological insulators (TI) magnetic well above room temperatures, helping to create faster, smaller devices that operate with infinite battery life.

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**Success Programs**

Every program is designed to help you succeed from the moment you step on campus, to the day you graduate.

**DID YOU KNOW?**

Every orange, lemon and lime on Earth has a genetic connection to the trees in CNAS’ Citrus Research Center and Agricultural Experiment Station! In fact, that’s how UCR got its start — as a Citrus Experiment Station in 1907.

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**Undergraduate Research**

**DNA Subway**  
Take part in DNA extraction, the Polymerase Chain Reaction and DNA sequencing.

**Early Research Engagement**  
(For freshman students in the CNAS Scholars program)  
Take part in an early research engagement opportunity with the Dynamic Genome (BIOL 20) class, [dynamicgenome.ucr.edu](http://dynamicgenome.ucr.edu)

**Louis Stokes California Alliance for Minority Participation (CAMP)**  
(For STEM students from underrepresented populations)  
Complete undergraduate degrees and pursue graduate/professional studies. [ue.ucr.edu/initiatives/camp](http://ue.ucr.edu/initiatives/camp)

**MARC U-STAR**  
(For underrepresented third- and fourth-year students in biomedical and behavioral sciences)  
Prepare for graduate school with training in academic research.

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**Putting Research in Your Hands**

**Mentoring Summer Research Internship Program (MSRIP)**  
(For rising third- and fourth-year students)  
Take part in an eight-week summer research program with faculty members. [graduate.ucr.edu/graduate-prep-programs](http://graduate.ucr.edu/graduate-prep-programs)

**Research in Science and Engineering (RISE)**  
(For STEM transfer students)  
Boost professional development and public speaking. Present results as a capstone project.

**USDA Summer Scholars Program**  
(For incoming transfer students)  
Learn research methods for molecular biology and bioinformatics, and write proposals.

“...”  
My proudest achievement at UCR has been the research I’ve conducted. Being a science major, the first question that pops in your head is, “What opportunities are there for me to get hands-on experience?” I have been involved in two labs working on Phytophthora species, and was able to present that research at the state and national level.  
Shaniah Pereida ’19 (Microbiology)  
Transferred from Crafton Hills College
Eleven UCR students won the prestigious National Science Foundation (NSF) Graduate Research Fellowship Program (GRFP) award. Of those awardees, four were undergraduate students.

Each received a three-year stipend of $34,000, $12,000 for tuition/fees and international research opportunities.

Back row from left to right: Alejandro Gallegos, Natalie Fischer, Win Cowger, Julia Adams and Isis Frausto-Vicencio.

Front row from left to right: Shannon Sweitzer, Thien-Y Nguyen, Rosa McGuire and Leticia Meza.

SONIA ZÁRATE '07 (Ph.D. in Plant Molecular Biology)
• Program Officer, Howard Hughes Medical Institute
• Executive Board Member, the Society for Advancement of Hispanics/Chicanos and Native Americans in Science (SACNAS)

AARON POMERANTZ '12 (Entomology)
• Creator/host, “The Next Gen Scientist”
• National Geographic Grant recipient
• Science Reporter, the Peruvian Amazon for “Rainforest Expeditions”

My career goal is to become a primary care physician. I’m excited to intern at the Riverside Free Clinic, because I get to put my passion of working with the underserved community into action. I help non-English speakers as a Medical Spanish Translator, giving them a voice and bridging the gap of health disparity. Plus, I get service credit!

Paola Gonzalez, Class of ’20 (Biology)
First-Generation Undergraduate Student

UCR’s Career Center — and Virtual Career Center — offers full-service counseling and resources, regardless of major or class level. Includes:
• Career and graduate/professional school planning
• Job/internship search strategies and database
• Skill-building workshops, employer information sessions and panel discussions
• 15 fairs and special events, including the STEM Job Fair, and the Graduate and Professional School Information Day

Learn more: careers.ucr.edu

Learn more: go.ucr.edu/housing
A UC Degree Is More Affordable Than You Might Think

92% of UCR undergraduates receive some form of financial aid.

72% of UCR transfer students receive some form of financial aid.

76% of students’ financial aid need was met with need-based aid.

Next Steps

Get ready to take your place in the UCR family. We’ll be here to help every step of the way!

Help to Apply
Undergraduate Admissions
admissions.ucr.edu | admissions@ucr.edu
(951) 827-3411
Our admissions counselors will answer questions and help you to apply!

Help Once Admitted
Professional Advising for CNAS Students
cnasstudent.ucr.edu
Academic and faculty advisors will help you to declare a major, prepare for graduate/professional school and find independent study/research/internship opportunities.

Undergraduate Admissions Events
Come tour our beautiful campus, meet with faculty and students, learn about financial aid, and so much more. Family members — and questions — are always welcome!

Fall Preview Day for prospective freshman and transfer students.
discover.ucr.edu
Two open houses for admitted and prospective students: one for freshmen and one for transfers. Both held in the spring: highlanderday.ucr.edu

Important Dates & Deadlines

Fall Admission: Freshman and Transfer Students
Aug. 1 Access the UC application. apply.universityofcalifornia.edu
Nov. 1–30 Application filing period opens. apply.universityofcalifornia.edu
March Fall admission notifications begin. my.ucr.edu
May 1 Freshman Students: Deadline to submit your Statement of Intent to Register (SIR).
June 1 Transfer Students: Deadline to submit your Statement of Intent to Register (SIR).

Winter Admission: Transfer Students
July 1–31 Access and submit the UC application. apply.universityofcalifornia.edu
Sept. Winter admission notifications begin. my.ucr.edu
Oct. 15 Deadline to submit your Statement of Intent to Register (SIR).

Take a Tour
Schedule a student-guided walking tour, or get a virtual 360-degree view of labs, studios and popular hangouts. visit.ucr.edu

Riverside, California
Explore the welcoming and multicultural city of Riverside, located in the heart of Southern California. admissions.ucr.edu/Riverside

Follow Us On Instagram
Discover campus highlights, student spotlights and our favorite things to do in Riverside. instagram.com/lifeatucr

Financial Aid Office (Financial Aid Office, 2018-19)