

2015  
*ANNUAL***REPORT**











**FOR OVER A CENTURY**, the University of California, Davis, has sought to live up to the highest ambitions of its land-grant university status. Through world-class education, transformative research and committed public service, we are changing lives and making a difference in California and the world. From our campus in Davis to our medical center in Sacramento and our research stations around the world, UC Davis is educating the next generation of leaders and turning discovery into solutions for the world's most pressing challenges.

The past year has seen tremendous achievement across our university. We welcomed the most diverse class of students in our history, reached new heights in our

research funding and built on the success of the Campaign for UC Davis. Construction continues on the Jan Shrem and Maria Manetti Shrem Museum of Art. We began a massive renovation of the historic Memorial Union. We announced the Chemistry Discovery Complex, which will be the largest capital science project in our campus's history.

We continue to build for the future, constantly striving to stay on the forefront of higher education. For more than a year, we have convened small and large groups across campus—students, faculty, staff and members of the broader UC Davis community—to help us envision the University of the 21st Century. It will be a university that is a true community of learners—students, faculty and staff alike—inspired by innovation and discovery. This vision has guided us in the past year and will drive our efforts for years to come.

This is an exciting time at UC Davis. We have the faculty, students, staff, creativity and expertise to help address some of the most complex problems of our time, and we are deeply committed to that effort.

*L. Katehi*

Linda P.B. Katehi  
Chancellor



*At the third annual Stride for Aggie Pride 5K, the UC Davis community raised over \$25,000 to support student philanthropic organizations.*



The UC Davis Arboretum is not only a beautiful place to visit and study, but it is also designed as an innovative learning space, with many “living laboratories” in use by faculty and students.

In January 2015, Chancellor Katehi formally launched the University of the 21st Century Initiative, a campus-wide discussion to shape the future of UC Davis.

The QS World University Rankings rated UC Davis first in the world in agriculture and forestry and veterinary sciences.

UC Davis was ranked 44th in the world by the Times Higher Education World University Rankings, up from 55th the previous year.



**AS AN INSTITUTION** uniquely positioned to break new ground and meet pressing global challenges, UC Davis is determined to lead the way for higher education in the 21st century and beyond. With new trends in teaching, learning, technology and administrative structure—and the potential for global impact through education, scholarship and research—the world’s colleges and universities stand at a moment of great change and promise. UC Davis is on the cutting edge of education, research and public service and is constantly striving to build on its status as one of the premier land-grant universities in the world.

# BUILDING THE UNIVERSITY OF THE 21<sup>ST</sup> CENTURY

1

U.S. News and World Report ranked the UC Davis School of Veterinary Medicine as the nation’s top veterinary school.

41

U.S. News and World Report ranked UC Davis 41st nationally in its “Best Colleges” report.

1

CWTS Leiden Ranking System in the Netherlands rated UC Davis No. 1 globally in research impact in the life and earth sciences.

10

Times Higher Education named UC Davis the 10th best female-led institution in the world.

\$

Washington Monthly listed UC Davis as the 16th university in the nation in the category of “Best Bang for Your Buck.”

1

UC Davis was first in number of faculty papers written in the fields of ecology and the environment, food science and nutrition, agriculture, entomology, and plant and animal sciences.



Diego Garcia, an industrial aerospace engineering student, is part of an immense Aggie family that includes 36,104 students and 238,167 living alumni.

A double major in aerospace science and engineering and mechanical engineering, Ashley Coates was the 2014 University Medal honoree. Now a graduate student at Stanford, she spent the summer after graduation working at NASA's Johnson Space Center.

The child of migrant farmworkers, Abraham Corrales was one of 16 recipients nationwide of the prestigious National Institutes of Health Undergraduate Scholarship for students from disadvantaged backgrounds who are committed to careers in health-related research.

Launched in fall 2015, the Center for African Diaspora Student Success is a new model for supporting the recruitment and academic achievement of underrepresented minority students.



**SINCE STUDENTS** first enrolled in 1908 at what was then the University Farm, UC Davis has been dedicated to preparing leaders to take on the greatest challenges of their time. That legacy continues today. With 104 undergraduate majors, 96 graduate programs, four colleges and six professional schools, UC Davis provides a world-class education across the full range of disciplines and continues to stand as the most comprehensive of the University of California campuses. Dedicated to educating leaders today and for the future, UC Davis is living up to the highest ideals of its land-grant university status.

# EDUCATING LEADERS FOR TODAY AND TOMORROW



In fall 2015, UC Davis welcomed the most diverse class of students in its history, with underrepresented minority students making up 29 percent of the entering first-year class.



Of students entering in fall 2014, 45 percent would be the first in their family to earn a college degree.



UC Davis continues to educate more California resident students than any other University of California campus.



UC Davis enjoys one of the nation's strongest programs for promoting undergraduate research, with more than 70 percent of students engaging in an undergraduate research project.



UC Davis researchers who have studied Lake Tahoe for 50 years reported in 2014 that the lake's water clarity showed the greatest improvements in more than a decade.

Acclaimed historian and UC Davis faculty member Clarence Walker won the 2015 UC Davis Prize for Undergraduate Teaching and Scholarly Achievement. Established in 1986, the prize honors faculty members who are both exceptional teachers and scholars.

UC Davis scientists were part of a landmark research project that was the first to sequence whole genomes from mountain gorillas. The project has given scientists and conservationists new insight into the impact of population decline on these critically endangered apes.

Veterinary professor John Madigan's research into a troubling disorder that afflicts newborn horses is offering possible insights into the study of autism in humans.

**IN CLASSROOMS,** laboratories and studios in Davis, in health clinics and operating rooms in Sacramento, in research stations on the California coast, on dairy farms in Rwanda and beyond—UC Davis faculty are making and sharing discoveries that change the world. Drawing on the collaborative spirit that is the hallmark of the institution, UC Davis researchers build bridges across disciplines to facilitate new insights and approaches to understanding the world. This passion for innovation and discovery is manifested in the classroom, where students engage with faculty as part of a lively learning process and have the opportunity to participate directly in research projects.

# WORLD-CHANGING DISCOVERIES



UC Davis received \$786 million in research funding in 2014-15, an 11.5 percent increase from the previous year and a major step toward earning \$1 billion by 2020.



The School of Veterinary Medicine was awarded \$100 million by the U.S. Agency for International Development for the PREDICT project, an international campaign to detect and respond to viruses such as Ebola and SARS.



The Center for Watershed Sciences released an influential report on the economic impact of the drought in California, estimating a statewide cost of \$2.2 billion.



The UC Davis School of Education received a \$3.5 million grant from the U.S. Department of Education to improve literacy training in elementary schools.



Researcher Robert Meese documented the dramatic decline of the tricolored blackbird in California, estimating an overall population loss of 64 percent since 2008.



A TEDx Talk by law professor Karima Bennouna titled "When People of Muslim Heritage Challenge Fundamentalism" became a viral sensation, logging more than 1.3 million views.



# SERVING CALIFORNIA AND THE WORLD


Maceo Montoya, assistant professor of Chicana and Chicano studies, works with UC Davis students to paint a mural in the Yolo County Juvenile Detention Facility in Woodland, California.

Students from the UC Davis Asian Pacific American Law School Association righted a historic wrong by acquiring retroactive admittance to the state bar for Hong Yen Chang, who was wrongly denied a license to practice law more than a century ago on the basis of laws that discriminated against Chinese immigrants.


In May 2015, team members of the Oiled Wildlife Care Network at UC Davis coordinated the wildlife response to the massive oil spill in Santa Barbara County.


Led by renowned corneal surgeon Mark Mannis, the UC Davis Eye Center continued its life-changing work around the world by preventing and treating blindness in low-resource countries.

AS A LAND-GRANT institution, UC Davis is firmly dedicated to a robust public service mission. Whether they are saving wildlife affected by an oil spill off the coast of California or providing life-changing eye surgeries in Peru, the people of UC Davis are turning the institution's education and research missions into real-life solutions for our state and the world. This drive for public service underlies all of the campus's efforts and is a guiding principle in educating students and seeking discoveries through research. Each year, UC Davis' impact in the region, state, nation and world grows larger and serves as a source of inspiration across the campus community.

  
The New York Times ranked UC Davis No. 2 in the nation among top colleges doing the most for low-income students.

  
UC Davis research was instrumental in legislation signed by California Gov. Jerry Brown that created a framework for the sustainable use of groundwater in California.

  
UC Davis was among the institutions to receive the 2015 Community Engagement Classification from the Carnegie Foundation for the Advancement of Teaching.

  
UC Davis joined California State University, Sacramento, in the Causeway Classic Blood Drive, the most successful blood drive effort of its kind in the Sacramento region.



Inspired during a quarter in Ecuador, biomedical engineering graduate Rose Hong Truong worked with classmates to design and build an inexpensive eye examination tool.

# IMPACT THROUGH INNOVATION



The Innovation Access office filed 229 records of invention and 210 patent applications in fiscal year 2014-15.



The Office of Research announced the inaugural grantees of the Science Translation and Innovative Research grant program, which helps convert technology generated from university research into commercial applications.



The Child Family Institute for Innovation and Entrepreneurship launched the 15th annual Big Bang! Business Competition, a program for campus community members interested in starting or growing a business venture.



A "living laboratory" of clean energy innovation, UC Davis West Village announced it is 82 percent of the way toward achieving zero net energy.

In April 2015, Chancellor Katehi joined Chilean President Michelle Bachelet to launch the UC Davis-Chile Life Sciences Innovation Center.

UC Davis enabled the creation of 13 startup companies in fiscal year 2014-15, including biotechnology firm DtoR Inc.

In spring 2015, UC Davis launched a partnership with HM.CLAUSE, a global leader in vegetable seeds, to form a business incubator that provides facilities and support needed to turn viable ideas into successful technology businesses.

**FINDING SOLUTIONS** through innovation goes to the core of what UC Davis represents as an institution. Combining cutting-edge research and educational pursuits with an entrepreneurial spirit, UC Davis continues to foster business ventures and technology transfer that address societal challenges and also boost the local and regional economies. Since 2003, UC Davis has helped launch 75 startup companies, many of which are based in Davis in order to stay engaged with the great work happening on campus. Through a variety of unique programs and ventures, UC Davis is a leader in innovation and an originator of big ideas.





A global leader in food and agriculture, UC Davis is at the forefront of research and education aimed at improving access to healthy food in California and across the globe.

# FEEDING THE PLANET



UC Davis was once again named No. 1 in the world for teaching and research in agriculture and forestry by QS World University Rankings.



R. Paul Singh was named the 2015 Global Confederation for Higher Education Associations for Agriculture and Life Sciences World Agriculture Prize laureate.



The Afghanistan Agricultural Extension Project received a 2014 U.S. Department of Agriculture Secretary's Honor Award in the global food security category, the highest award given by USDA.



The UC Davis Future Innovation Lab for Collaborative Research on Horticulture received a new \$18.75 million grant from USAID to boost international fruit and vegetable research.



Students from UC Davis took the grand prize at the International Genetically Engineered Machines competition with a biosensor they invented that can detect adulterated olive oil.

The UC Davis Global HealthShare Initiative coordinates a partnership among campus scientists, students and their colleagues in Rwanda that trains Rwandan veterinarians, veterinary students, university faculty and government officials to improve the health and productivity of dairy cows and the safety of milk.

In January 2015, UC Davis joined with Mars, Incorporated to launch the Innovation Institute for Food and Health. The institute will become the innovation arm of the World Food Center at UC Davis and advance new discoveries in sustainable food, agriculture and health.

In May 2015, officials from the city of Zhuhai, China, and UC Davis signed a memorandum of understanding to establish the World Food Center-China, which will be the central office for coordinating research and training activities in food safety for current and future Sino-U.S. joint research centers across China.



**THE HISTORY** of UC Davis goes back to 1905 when the California Legislature passed the University Farm Bill, creating a farm school for the University of California. And while its education and research efforts span the full range of academic disciplines, UC Davis is still greatly defined as an institution dedicated to feeding and nourishing the state and the world. After more than a century, the influence of UC Davis' research and education in food and agriculture can be seen the world over. This is especially true in California, where the decades-old relationship between the university and farmers and ranchers has helped make the state the top agricultural producer in the nation for more than 50 years.



*This year, UC Davis worked with SunPower Inc. to build the largest solar power plant of its kind in the U.S. It is expected to generate 14 percent of the university's electricity and reduce the campus's carbon footprint by 14,000 metric tons.*

*UC Davis was ranked No. 2 in Sierra Magazine's 2015 "Cool Schools" report. The university has been among the top five for four of the past five years.*



*Since June 2014, UC Davis has cut total water use by 208 million gallons and has already met its policy goal to reduce potable water use by 20 percent by 2020.*



*In fall 2014, more than 1,300 UC Davis students moved into Tercero 3, the campus's most sustainable residence hall.*



**UC DAVIS'** global leadership in environmental sustainability pervades its education, research and public service missions. From research in high-efficiency lighting to nearly 1 million square feet (and counting) of LEED-certified green building space, UC Davis continues to set the "green standard" for colleges and universities in the U.S. and around the world. As part of a holistic approach to sustainability, UC Davis' work to create a cleaner and healthier planet reaches across all disciplines and programs on campus, and the university is regularly recognized nationally and internationally for its work.

# BLUE AND GOLD + GREEN



UI GreenMetric World University ranked UC Davis No. 1 in the U.S. and No. 4 globally for campus sustainability.



Through a variety of programs aimed at changing behavior, implementing new practices and installing unique systems, the Davis campus diverted 79 percent of its land-fill waste this past year.



UC Davis has more than 915,000 square feet of LEED-certified green building space, and another 1 million square feet of new or renovated space in the pipeline.



UC Davis received two best practice awards at the 2015 California Higher Education Sustainability Conference: in sustainable food service and waste reduction.



A survey published in September 2015 showed that 46 percent of students, faculty and staff ride bikes to campus. All told, 76 percent bike, walk, car-pool or use mass transit.



Through the GATEways Project, the UC Davis Arboretum is working with student leaders and community members to transform the campus into a model of sustainable gardens and grounds.



Dr. Stuart Berger, chief of pediatric cardiology for the UC Davis Health System, sees a 4-month-old patient in the Pediatric Specialty Clinic.

# ADVANCING HEALTH



The UC Davis Medical Center was named a Leapfrog Top Hospital for the third consecutive year.



The UC Davis Health System earned “Most Wired” status as one of the nation’s health leaders in information technology from Hospitals & Health Networks for the fourth consecutive year.



Becker’s Hospital Review named the UC Davis Medical Center to its 2015 list of 100 Great Hospitals in America.



The UC Davis Behavioral Health Center of Excellence launched in fall 2014. The center will serve as a national model for expanding understanding of problems surrounding behavioral health.



Julie Ann Freischlag, UC Davis vice chancellor for human health sciences and dean of the UC Davis School of Medicine, was elected to the National Academy of Medicine.

In 2015, students once again added to the UC Davis Red Dress Collection, which launched in 2010 to engage women across generations in heart health awareness. The program is a joint effort between the Department of Design and the Women’s Cardiovascular Medicine Program.

In spring 2015, UC Davis joined with the Permanente Medical Group to launch Prep Médico, an innovative initiative aimed at expanding diversity in medicine and ultimately increasing the number of Latinos who choose to become physicians.

In fall 2015, ground was broken on Betty Irene Moore Hall, which will serve as the home of the Betty Irene Moore School of Nursing at UC Davis.

**A NATIONAL LEADER** in patient care, education and research, the UC Davis Health System continues to improve lives and transform health care across the Sacramento region, the state and the world. Incorporating the UC Davis Medical Center, UC Davis School of Medicine, the Betty Irene Moore School of Nursing and the UC Davis Medical Group, the system helps realize a vision for a healthier world through bold innovation. Every day, the people of the UC Davis Health System work collaboratively and tirelessly to secure a future in which everyone enjoys a healthy life.





*The Ann E. Pitzer Center, named for the generous alumna who made it possible, will house a magnificent 399-seat concert hall and new classroom space.*

*Construction on the Jan Shrem and Maria Manetti Shrem Museum of Art continues apace with opening planned for fall 2016.*

*With myriad capital projects already underway, a total of \$2 billion over the next 10 years is planned as part of the university's Long-Range Development Plan.*

*Scheduled to open in fall 2016, the new International Center will consolidate campus services for both international students and those wishing to travel abroad.*

**A KEY COMPONENT**

of aspiring to be the University of the 21st Century is ensuring that campus facilities and financial status are up to the challenge. From renovating the Memorial Union to constructing a world-class museum of art, UC Davis is making the investments necessary to create the infrastructure for the University of the 21st Century. Likewise, through a number of strategic initiatives, UC Davis is taking crucial steps to bolster its financial foundation. These efforts are critical investments in the future of UC Davis and will benefit the entire community for generations to come.

# BUILDING A STRONG FOUNDATION

Chancellor Katehi announced the creation of the Chemistry Discovery Complex. At \$400 million, it will be the campus's largest capital science project.

UC Davis launched the 10-year Financial Sustainability Action Plan aimed at generating \$250 million each year for investing in the university's core academic mission.

Dave Lawlor was hired as vice chancellor and chief financial officer to bolster the campus's standing as an institution that is less dependent on state funding.

The Administrative Reorganization and Transformation Project launched with the goal of improving organization and identifying best practices.

Construction began on the renovation of the historic Memorial Union, which will make it a more dynamic on-campus destination for students and others in the UC Davis community.



Thanks to the generous support of the Stuart Foundation, the Guardian Professions Program (inaugural members pictured) helps former foster youth earn graduate and professional degrees and is the first program of its kind in the nation.

# A LEGACY OF GIVING



The \$184 million raised in 2014-15 represents the ninth consecutive year that UC Davis' fundraising total exceeded \$100 million.



UC Davis alumni and other individuals contributed 43 percent of the fundraising total, and 20 donors made gifts of \$1 million or more during the 2014-15 fiscal year.



Among the university's four colleges, six schools and other units, the UC Davis Health System raised the largest amount—\$55.6 million.



Gifts came from donors in all 50 states and included \$109 million from Californians.

Grateful patient Ernest Tschannen donated a transformational \$15 million estate gift to advance the research and clinical care at the UC Davis Eye Center. Tschannen, who began as a \$25 donor, is now a Chancellor's Laureate and has made the largest gift to the UC Davis Health System by an individual.

The Koret Foundation awarded two grants totaling \$5 million to the UC Davis School of Veterinary Medicine to support the Koret Shelter Medicine Program, the nation's first program to emphasize shelter medicine as a veterinary specialty; and the Koret School Exchange Program, a UC Davis veterinary student exchange program with Hebrew University of Jerusalem in Israel.

Impressed by the caliber of UC Davis' brewing science program, the founder and owner of The Gambrinus Company, Carlos Alvarez, gave \$1 million to the program.

## UC DAVIS ATTRACTS

philanthropic support from individuals and institutions the world over, and in fall 2015, the university made a monumental announcement: Thanks to the generosity and dedication of tens of thousands of individuals, the UC Davis endowment had surpassed \$1 billion. This remarkable achievement is shared by fewer than 100 other universities nationwide and opens a new chapter in UC Davis' history as a global research university. Likewise, this success highlighted another year of record-breaking philanthropic support at UC Davis and stood as a powerful symbol of the commitment of the university's donors, alumni, partners and friends.





Corey Hawkins, UC Davis' first Big West Player of the Year, helped lead the men's basketball team to a 25-7 overall record—the program's first Big West championship and its inaugural Division I postseason appearance.

Seven Aggie teams posted perfect NCAA graduation success rates, and nine had the highest rates in their respective conferences. UC Davis also showcased an overall rate of 88 percent to lead the Big West in graduate success rate for the fourth straight year.

Ashley Marshall, the first student-athlete to earn Big West Conference track athlete of the year honors three times, received the Dr. Hubert Heitman Award as the outstanding student-athlete for a second consecutive year.

The men's rugby team won the Division I-AA national championship, beating two-time defending champions Central Florida to complete a perfect 13-0 season. Men's rugby is one of 37 club sports at UC Davis.

**UC DAVIS** student-athletes are among the university's strongest ambassadors and epitomize excellence and determination on the field and in the classroom. Each year, Aggie student-athletes succeed in competition and excel in their studies, realizing the potential of an athletics program in higher education. UC Davis once again had the highest graduation success rate in the Big West Conference and matched its academic success on the field with numerous programs continuing long records of accomplishment and others achieving unprecedented results. The last year was historic for UC Davis athletics, auguring even greater successes in the years to come.

# REACHING NEW HEIGHTS



During the 2014-15 academic year, 88 Aggie student-athletes from 15 different sports received Big West Academic All-Conference honors.



A school-record 27 Aggies earned Arthur Ashe Jr. Sports Scholar awards, which recognize minority student-athletes who achieve academically, athletically and community-wide.



UC Davis finished second in the 2014-15 Big West Conference Commissioner's Cup, which honors the conference member who had the best overall athletics performance during the year.



Degrees Awarded (2014–15 academic year)

**7,120 + 1,076 + 553 + 472 = 9,221**  
Bachelor's      Master's      Doctoral      Professional      Total degrees

Financial Aid

**44%**  
of undergraduates completing degrees in 2013–14 accrued no debt while at UC Davis. Those who graduated with debt averaged \$19,705; the national average was \$28,950.

**75%**  
of undergraduates received financial aid during the 2014–15 academic year. The average award was \$19,775.

**41%**  
of undergraduates received Pell Grants in 2014–15. UC Davis enrolls more Pell Grant recipients than the entire Ivy League.

**54%**  
of California resident undergraduate students received enough gift aid to have systemwide tuition and fees completely covered in 2013–14.

Research Awards (2014–15 academic year)

**\$786 million**

Student Population (Fall 2015)

**28,384** Undergraduates  
**+ 4,416** Graduate students  
**+ 1,271** Professional students  
**+ 1,115** Health science students  
**+ 918** Interns and residents  

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**36,104** Total students

Faculty Population (Fall 2014)

**4,132**  
Faculty and other academic positions

Staff Population (Fall 2014)

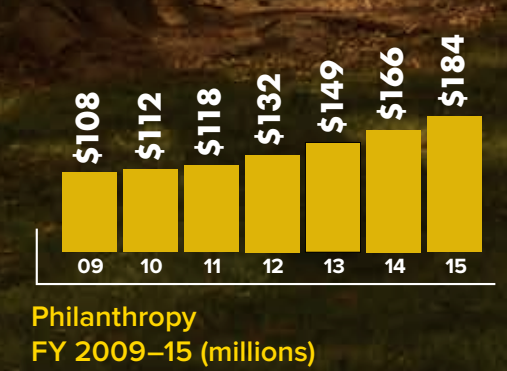
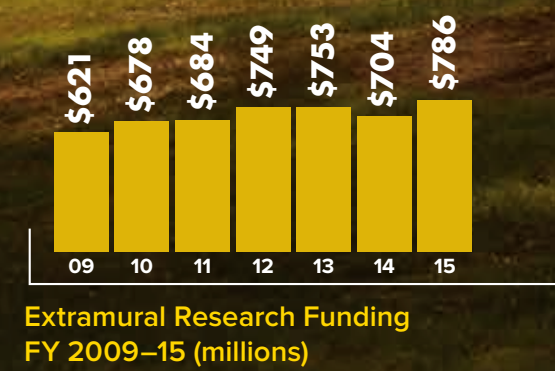
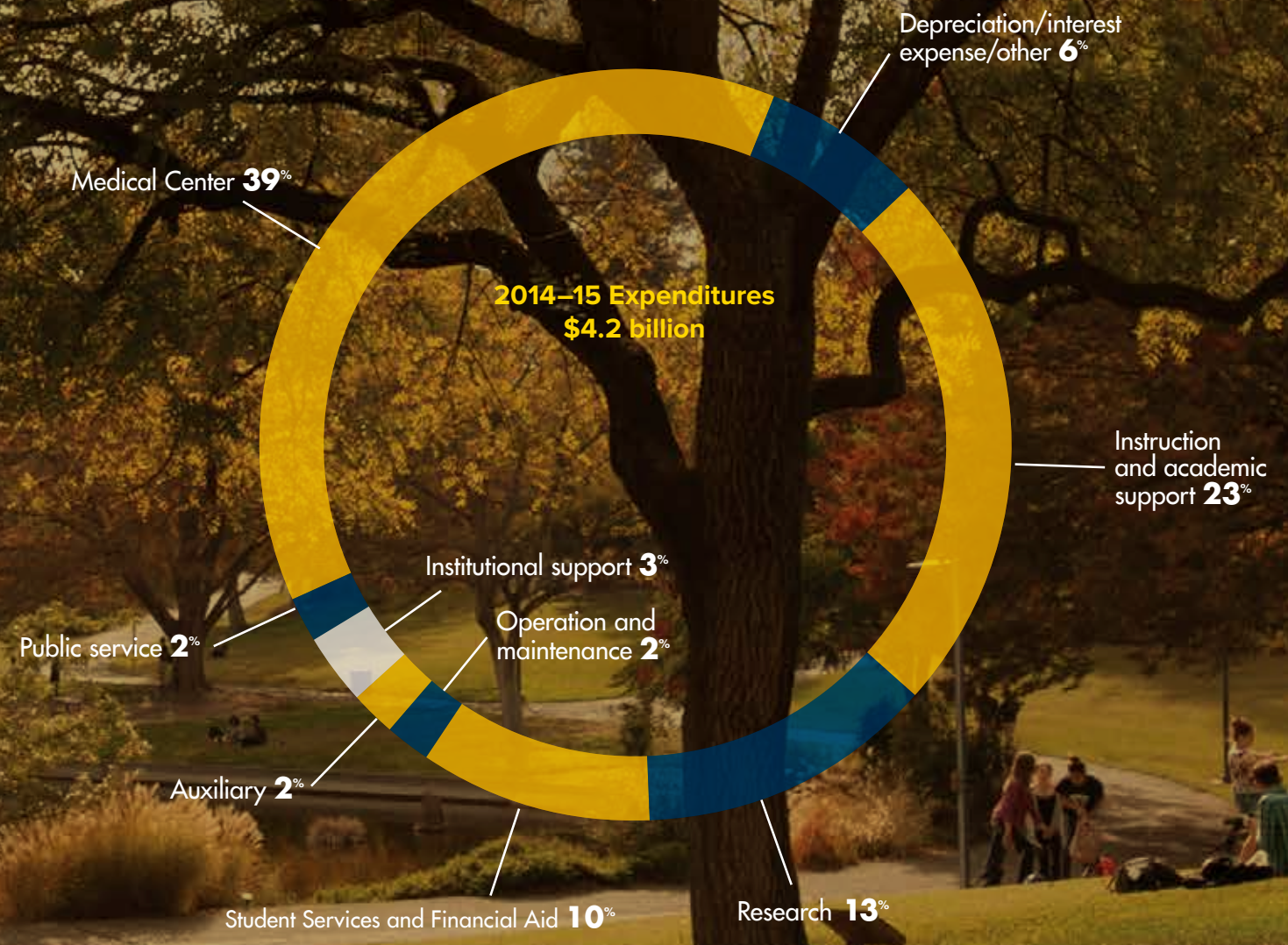
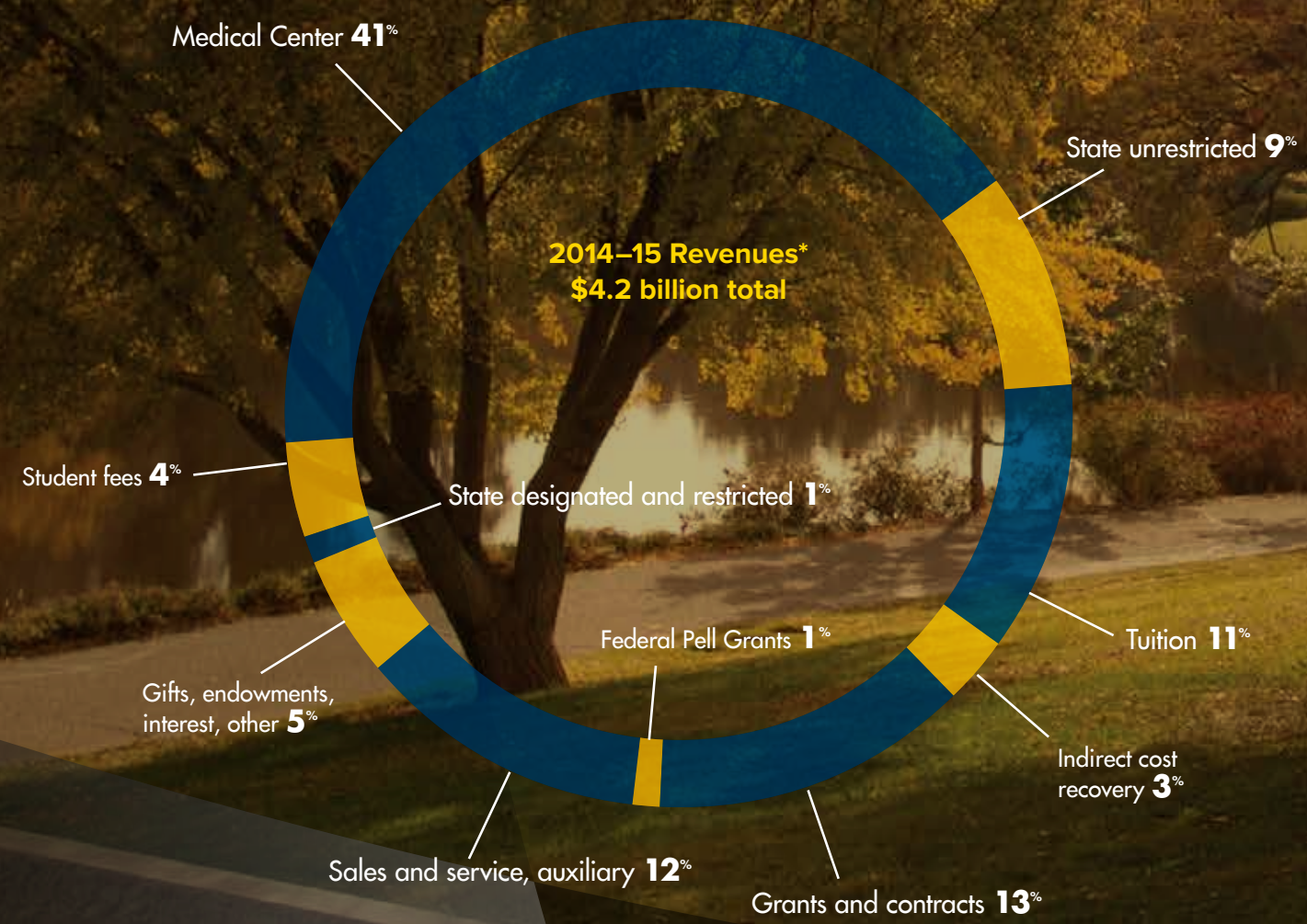
**2,967**  
Staff supported by state funds and tuition  
**7,855**  
Staff supported by clinical activities  
**4,217**  
Staff supported by external funding

AT A **GLANCE**



2014–15 Revenues\* and Expenditures

UC Davis revenues come from many sources, but 80 percent are designated or restricted. For example, revenues from the UC Davis Medical Center, campus auxiliaries such as housing, and federal, state and private sources to fund research support only these operations. The primary source for the campus's teaching mission comes from unrestricted state funds and student tuition.



\*Amounts shown are not reduced by scholarship allowance.

AT A GLANCE



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