In making my rounds as the new chancellor, I have heard many alumni and others describe UC Davis as kind of a sleeping giant — a powerful institution that has yet to show the full extent of its power.

This report shows that the giant is waking up.

Whether it’s our record fundraising, our men’s and women’s basketball teams making campus history, our unmatched achievements in agricultural, animal and veterinary sciences, or our overall ranking as one of the top public research universities in the nation, UC Davis is unmistakably on the rise.

Increasingly, our university makes headlines on the frontlines of today’s humanitarian crises — in health care, public health, global hunger, water scarcity, immigration, climate change, poverty and environmental degradation.

Increasingly, UC Davis propels social mobility across California and the nation, graduating large numbers of students from underrepresented ethnic groups and from families with no previous college degrees.

People are stunned when they learn about UC Davis’ growing accomplishments — our groundbreaking research in so many fields, our contributions to prosperity in the Sacramento region, our empowerment of students to do good in the world. They move from merely thinking well of UC Davis to wanting to actively contribute to our successes.

In these pages, you will see a giant rising to the challenge of making our world a better place.

Gary S. May
Chancellor
A New Chancellor, a New Era for UC Davis

“My goal is to make us one of the handful of universities that’s on the tip of the tongue when you talk about the nation’s great public research universities — and we are not far from that now.”

—Gary S. May, upon his investiture as seventh chancellor of UC Davis, October 27, 2017
Campus Populations

LOW DEBT
47 percent of undergraduates completing degrees in 2015–16 accrued no debt while at UC Davis. Those who graduated with debt averaged $19,276 — much lower than the national average of $30,156.

PELL GRANTS
44 percent of California resident undergraduates received Pell Grants in 2015–16. Each year UC Davis has more recipients than in the entire Ivy League.

FINANCIAL AID
71 percent of undergraduates received financial aid, averaging $21,389 per award.

COVERED TUITION AND FEES
57 percent of California resident undergraduates received enough gift aid to have systemwide tuition and fees completely covered in 2015–16.

Students (FALL 2017)

| GRADE POINT AVERAGE | 3.99 | (Enrolled freshmen) |
| HEAD COUNT          | 30,212 | Undergraduate |
|                     | 4,580  | Graduate |
|                     | 1,226  | Professional |
|                     | 1,362  | Health science |
|                     | 991    | Medical interns and residents |

Demographics

| TOTAL STUDENT POPULATION | 38,371 |

Underrepresented minorities

| 25% |

Women

| 59% |

UC Davis by the Numbers

Rankings

1st worldwide
in veterinary medicine and plant and animal sciences (QS World University Rankings; U.S. News & World Report)

3rd nationally
among top colleges doing the most for low-income students (The New York Times College Access Index)

1st worldwide
for campus sustainability practices (GreenMetric World University Ranking)

7th worldwide
in environment/ecology (U.S. News & World Report)

1st nationally
and second worldwide in agriculture (QS World University Rankings and U.S. News & World Report)

6th nationally
overall for public universities (Wall Street Journal/Times Higher Education)

Staff (FALL 2016)

| FULL TIME STAFF | 9,058 |
| Clinical staff  | 8,214 |
| STUDENT EMPLOYEES | 9,690 |

Faculty

| 4,736 |

Alumni (FALL 2016)

| 250,000+ |

Degrees (Awarded 2016–17)

| 7,856 Bachelor’s |
| 1,950 Graduate and professional |
| 9,806 Total degrees awarded |
We Move Forward, Together

We are a community united in times of celebration and challenge. We break down barriers to advancement, advocate on behalf of the underserved and inspire the next generation. We strive for empathy, equity and inclusivity to achieve meaningful change.

We are a community in which all are valued and supported for the good of all.
Innovation for Good

At UC Davis, we innovate not only through research, but also by nurturing ambition and smart partnerships. We put tools and know-how in the hands of entrepreneurs so beneficial technologies can move out of the lab and into the world faster — with a lighter footprint, a lower cost and less reliance on resources like water and energy.

This “innovation acceleration” — from underwater robots that give us a new perspective on climate change to the development of a therapeutic enzyme — is addressing the challenges that hit us at home and around the world.

Alexander Forrest, assistant professor of civil and environmental engineering, led a deployment of underwater robots in Antarctica and the Arctic to help predict how and when polar ice shelves collapse.

Zhou Yu, assistant professor of computer science, was named to Forbes’ “30 Under 30: Science” list for her work developing algorithms that enable software to adapt to users, such as a social chatbot for Amazon’s Echo platform.

Combining expertise in engineering and animal science, researchers are testing new cooling technologies for dairy cows that reduce energy and water use.

A stem cell therapy for chronic oral inflammatory disease in cats developed at the UC Davis Veterinary Institute for Regenerative Cures was licensed by VetCell Therapeutics with plans to commercialize treatment.

UC Davis scientists are the first to watch individual steps in the replication of a single DNA molecule — opening new ways of thinking about this life-determining process.

Justin Siegel, co-founder of UC Davis spin-off PvP Biologics and assistant professor of chemistry, biochemistry and molecular medicine, co-created a therapeutic enzyme using synthetic DNA to treat celiac disease.

Electrical and computer engineers developed a novel, high-frequency electronic chip potentially capable of transmitting tens of gigabits of data per second, bringing us closer to next-generation technology.

PHOTO: DAMIEN GUIHEN/UNIVERSITY OF TASMANIA
A Champion of Curiosity

A vibrant and exciting community of thinkers, artists and writers, UC Davis champions curiosity-driven research, criticism and knowledge making. For example, the inaugural season of the Ground and Field Theatre Festival in the College of Letters and Science brought together directors, playwrights, scholars and theater artists for a month to produce plays and musicals that explore the urgent need for sustainability in our world.

Our Mellon Public Scholars Program each year pairs graduate students with community organizations to put their humanities training and research to work for the public good.

UC Davis historian Andrés Reséndez continues to earn accolades for his history of Native American enslavement, The Other Slavery, winning a 2017 California Book Award and 2017 Bancroft Prize.

Lucky Brand CEO Carlos Alberini and family endowed the Alberini Family Speaker Series in Design at UC Davis.

Seth Sanders, professor of religious studies, is leading a project to produce open-access translations of the Dead Sea Scrolls, a 2,000-year-old collection of Aramaic and Hebrew texts including the oldest biblical manuscripts.

Through the Teaching California partnership, UC Davis is helping transform K-12 history-social science education with development of free, online curricula and teaching resources.

PHOTO OF MISSION SAN BUENAVENTURA, TRACEY STORER PAPERS, D-110/SPECIAL COLLECTIONS, UC DAVID LIBRARY
Education Wide Open

A UC Davis education is a promise of opportunity that benefits our students and society alike. Just ask 2017 graduate Srujan Kopparapu, a student in the University Honors Program who dove into experiential learning opportunities here: internships in a microbiology lab and at the UC Davis Medical Center’s ER, a student biomedical engineering competition, and presentations at the Undergraduate Research, Scholarship and Creative Activities Conference, among others.

Now Kopparapu is taking the next steps toward a career in a neural-related field such as neurosurgery or neurology. At UC Davis, we’re fulfilling our promise so future leaders like Kopparapu can fulfill their dreams.
Advancing Agriculture

As the top university in the country and second in the world in agriculture, UC Davis continues to address global challenges of food security, sustainability and safety in remarkable ways. Whether it’s finding answers that mutually benefit the environment and food producers in California, the invention of a low-cost tool that African farmers can use to fight food loss or making significant connections between nutrition and human health, we continue to apply our expertise and leadership to the most pressing challenges in food.

UC Davis is helping fight food loss in Africa with the low-cost DryCard invention, a moisture-sensing tool farmers can use to reduce mold and toxins in dried food storage.

A study co-produced by UC Davis shows that California Central Valley rice fields, managed as floodplains during winter, can create surrogate wetland habitat for native fish.

The USDA has awarded a $4.5 million grant to the UC Davis Public Strawberry Breeding Program and its partners to improve disease-resistance and sustainable production.

“Good” fats are not created equal, says food chemist Ameer Taha, who is exploring connections between excess linoleic acid and ailments such as chronic inflammation and headaches.

Animal cognition expert Kristina Horback’s research on pig personalities is helping the pork industry adapt to new market and legislative demands for group housing.

Health researchers at UC Davis have discovered how dietary fiber helps intestinal health, identifying a potential therapeutic target for rebalancing beneficial and harmful gut microbiota.

Juan Medrano and other UC Davis researchers released the first public genome sequence for Coffea arabica, which will help develop high-quality, disease-resistant coffee varieties adaptable to climate change.

Pounds of Student Farm produce donated to the ASUCD Pantry and Fruit and Veggie Up! program

Active patents in the College of Agricultural and Environmental Sciences

Acres devoted to agricultural research and teaching
Members of the UC Davis Hospital Child Life team make a splash with a patient during the Duck Dash, an event benefiting the UC Davis Children’s Hospital. The hospital ranks among the nation’s best in five pediatric specialties (U.S. News & World Report).

A UC Davis-led team won a $1.2 million grant to explore the use of personalized mobile health data to improve chronic disease management and care.

UC Davis' Sacramento campus became the home of the new UC Firearm Violence Prevention Research Center, led by Garen Wintemute, emergency medicine professor and authority on the epidemiology of firearm violence.

Betty Irene Moore Hall, home to the Betty Irene Moore School of Nursing, opened on the UC Davis Sacramento campus, supporting interprofessional health sciences education with collaborative learning spaces and state-of-the-art simulation suites.

UC Davis physicians gave life-saving kidney transplants to more than 400 people in 2016, making it the highest-volume program of its kind in the nation.

You need to be bold to transform health care. That’s why UC Davis Health is making bold strides in research, technology, patient care, partnerships and education — and bringing together the most progressive, curious minds in medicine and nursing. Being bold is getting us closer to solving critical public health problems like diabetes. It’s saving lives in utero. And it’s improving chronic disease care with personalized health information accessible by smartphone. Being bold is how we’re creating a healthier world.

Researchers discovered a possible route for regenerating insulin-producing beta cells, brightening prospects for better treatment or cures for Type I diabetes.

Counts served by UC Davis Health

$3.4B
Annual economic output generated by UC Davis Health in the Sacramento region and Northern California

$3M
Patient travel costs saved by use of telemedicine at UC Davis Health over 18 years

33
Counties served
Darla and Spanky, bulldog puppies with spina bifida, were the first to be successfully treated with stem cell therapy and surgery, thanks to a UC Davis veterinary and medical school team.

The answers to global health lie at the nexus of humans, animals and the environment. We have experts in all of these fields. Our doctors, veterinarians, engineers and scientists are working together in novel ways to untangle this web of interdependent life. Our connections between species — viruses to spina bifida — are leading to innovations that help conserve, protect and advance the health of all.

Centers and institutes at UC Davis dedicated to solving critical issues with a One Health approach

Countries with partnerships with UC Davis and USAID to prevent pandemics

Unique viruses in animals and humans detected by the UC Davis-led PREDICT pandemic-prevention project

Researchers have detected a herpes virus with mammalian genetics similar to the Epstein-Barr virus in humans, findings that could aid disease conservation and knowledge of human disease.

School of Veterinary Medicine researchers found that disinfectants in some common household products like toothpaste and shampoo de-energize human cells and cause reproductive harm in lab animals.

A collaborative study by the One Health Institute gives us an edge in preventing pandemics, finding that bats are the major animal host for coronaviruses, which cause SARS and MERS.

Viruses rely on host cells to reproduce, but they also show social behavior, interacting with other viruses by competing, cooperating and even cheating to succeed. A new behavioral approach to studying viruses could lead to new vaccines and treatment strategies for infectious diseases.

The SeaDoc Society is working to preserve southern resident killer whales, salmon, rockfish and pinto abalone — all threatened by urban growth in the Pacific Northwest.

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To Conserve and Protect

Climate change is the environmental challenge of our lifetime. A global leader in climate science, UC Davis is taking this challenge head on. We’re connecting research and education to policy and action in air quality, energy conservation, water management and food sustainability. We’re studying how climate change is affecting species on land and at sea, and finding ways to help humans and animals adapt to the changes to come. We’re also digging up solutions in unexpected places, from hillsides to the soil right under our feet.

UC Davis alumna Alexis Robertson and her husband, Gillies, regularly rotate sheep grazing on their Capay Valley ranch to optimize grass growth, which captures greenhouse gas carbon dioxide and stores it in the soil.

UC Davis hosted a UN Sustainable Development Goals conference to explore how universities could work together to help African nations access clean energy and water and sustain food production.

Marine reserves may help commercial fishermen catch more of the profitable fish, while also helping to sustain the West Coast groundfish fishery, say a UC Davis-led study.

Researchers are developing a genetic test to help ranchers breed cattle that prefer hillside grazing. This change could improve the sustainability of California’s 38 million acres of rangeland.

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Sporting Scholars

When the Aggie men joined the NCAA’s Big Dance for the first time in school history, journalists and sports fans nationwide became enchanted not only with UC Davis’ Cinderella story, but also with our players’ backstories — their talents, their sacrifices, their brains and their hearts. These are points of commonality shared by student-athletes across all 23 of our NCAA teams. Their aptitude for excellence and perseverance extends beyond the court, field or pool to the classroom and the community — which is why we’ve been enchanted all along.
Another Record-Breaking Fundraising Year

Thanks to the commitment of our supporters, UC Davis once again had a record-breaking philanthropic year. The university raised $250 million, the largest donation total raised in a single fiscal year in the university's 109-year history, bringing significant support for student scholarships, capital projects, scientific research and more. This success builds upon the momentum of the previous fiscal year's $226 million record-breaking total.
UC DAVIS FOUNDATION MEMBERSHIP 2017–18

THE UC DAVIS FOUNDATION is governed by the volunteer Board of Executive Trustees, who are distinguished leaders in their fields. The board marshals philanthropic support and stewards private gifts to the university, furthering UC Davis' mission and global impact. The board works with academic leaders and advancement staff to achieve the foundation's goals.

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THE VOLUNTEER CAL AGGIE ALUMNI ASSOCIATION BOARD OF DIRECTORS advances the association’s mission: “To enrich the lives of alumni, students, families and friends worldwide, and develop lifelong ambassadors for UC Davis.”

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UC Davis revenues come from many sources. About 81 percent are designated for or restricted to specific purposes, such as research support, auxiliary services such as housing, and the UC Davis Medical Center. Most of the funding for teaching comes from unrestricted state funds and student tuition.

2016–17 Revenues and Expenditures

*Scholarship allowance is reported as an expenditure in student services and financial aid. For financial reporting purposes, scholarship allowance is reported as a reduction to student tuition and fee revenue.