As I prepare to step down after 15 years as chancellor, I am privileged to join the UC Davis community in celebrating our centennial.

One hundred years ago, the university welcomed its first students to Davis. That first class numbered just 18; this year’s Centennial Class numbers close to 5,000. What a difference a hundred years makes!

Today, UC Davis touches and transforms everything that matters to us as human beings. Whether it’s health, the economy, what we eat and drink, the way we live and work together, how we find meaning through art, music and literature, how we steward the Earth and think environmentally—everything that matters, UC Davis touches and transforms.

Our presence has expanded from Davis to Sacramento and far beyond. Our centers stretch from Bodega Bay to Tulare and Tahoe and up and down the coast and on to Washington, D.C. Our health system serves 6 million residents throughout Northern California. In fact, our reach is global, with nearly half our faculty involved in international activities. And our alumni, now up to 186,000, further spread UC Davis’ impact to every corner of the globe.

This annual report highlights just a few of the many contributions generated through UC Davis, both in the past century and in 2007-08.

Although one hundred years have passed since UC Davis was founded, it’s clear that one thing hasn’t changed: that unique spirit of Aggie Pride that has always characterized this campus.

The late Clark Kerr—a revered former president of the University of California and a preeminent higher education statesman—described that special spirit this way: “The Davis campus had always had more community spirit than any other… It was, above all other campuses, an integrated human and intellectual community … a friendly, pragmatic place, and very resourceful in working out problems.”

He confessed years later that Davis was his favorite UC campus, and he sent his own children here to be educated.

It is that special, caring spirit that has made us who we are. It has gotten us through the toughest times, and it has made us shine when times were good. And it all springs from such a simple premise. We have, for 100 years now, held to a simple principle—we do what matters. It’s our calling and nobody—nobody—does it better.

That was our premise when we were founded, and it’s our promise as we begin our second century.

Larry N. Vanderhoef
Chancellor
A CENTURY OF DOING WHAT MATTERS

AGRICULTURE

SHARING AGRICULTURAL KNOWLEDGE
Over the course of 100 years, UC Davis has helped to transform entire industries and economies by providing agriculture education and innovation to students, farmers, scientists and policymakers worldwide.

From the early days, UC Davis agricultural engineers invented or improved devices that increased farm efficiency such as grain dryers, pest spraying equipment, seed-planting machines and harvest mechanization for crops.

During the first half of the 20th century, UC Davis researchers developed improved irrigation techniques that extended the world’s ability to cultivate arid fields. Later UC Davis research informed the design of the 444-mile-long California Aqueduct that today serves 23 million Californians and 755,000 acres of farmland. Not only have these irrigation innovations helped stabilize food supplies, they also increased scientific rigor in agricultural research.

By sharing its vast accumulation of agricultural knowledge and innovation with the world, UC Davis has helped to do such things as modernize Chile’s agricultural industry, revitalize Afghanistan’s agricultural system and improve maternal nutrition in Africa.

SUSTAINABLE AGRICULTURE
Sustainable farming may be trendy now, but give much of the due to decades of research and education by UC Davis-based programs such as Sustainable Agriculture Farming Systems and the UC Sustainable Agriculture Research and Education Program. From fertilizer use and pest control to water conservation and living conditions for farm workers, UC Davis shares information that preserves our natural resources for future generations while keeping farms economically viable.

VITICULTURE AND ENOLOGY
California enjoys recognition as one of the world’s premier wine regions, thanks in part to UC Davis contributions. Early research identified the grape varieties best suited to the state’s microclimates and later genetic advances enabled scientists to develop wine grape vines and rootstocks resistant to vineyard pests and diseases. UC Davis research has also identified potential health benefits of drinking wine.

FOOD SAFETY
Since the turn of the 20th century, UC Davis researchers have addressed food-safety issues by developing methods for detecting and preventing microbial, bacterial and chemical contamination. When contamination does come to light, food, plant and veterinary researchers join forces to determine the cause and work to prevent future occurrences. Government and industry leaders also rely on UC Davis researchers to safeguard the nation’s food and water supply against possible intentional contamination.

THE NEXT 100 YEARS: GRAINS FOR THE WORLD
Researchers have identified a gene that makes wheat more tolerant to frost and are developing rice varieties that can better withstand drought, flooding and saline environments.

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A CENTURY OF DOING WHAT MATTERS
PUBLIC SERVICE

EARTHQUAKE SAFETY
For researchers at UC Davis Center for Geo-
technical Modeling, the question isn’t whether
another major earthquake will rock California;
it’s a matter of when and where.

With new advances in technology, particularly
in computer modeling, they are on the forefront
of earthquake forecasting, which will save lives
and assist emergency planners. Their research
also provides critical data to civil engineers for
building safer roads, tunnels and bridges and
remodeling existing ones. The nation’s largest
earthquake-simulation centrifuge—located at
the center—demonstrates what happens to soils
and structures like dams, bridges and BART tun-
nels during high-magnitude quakes.

UC. Davis engineering professor emeritus
I.M. Idriss has been involved in the follow-up
analysis of every major earthquake since the
1964 Alaska quake, including those at San Fer-
nando, Mexico City, Loma Prieta, Northridge
and Kobe. His research on soil mechanics and
foundation engineering over several decades
has influenced the construction of dams,
nuclear power plants, office buildings, homes,
hospitals, railways and bridges worldwide.

UC Davis engineering alumni coordinated
the Golden Gate seismic retrofit and have con-
tributed to the construction of a new span for
the Bay Bridge, the nation’s busiest toll bridge.

SCIENTIFIC EVIDENCE
UC Davis law professor Edward
Imwinkelried wrote the book on
scientific evidence. The U.S. Su-
preme Court cited the text in a
landmark 1993 case that freed
courts to consider evidence
derived from new technology
even before it became generally
accepted.

ECONOMIC IMPACT
As one of the nation’s top
public research universities,
UC Davis profoundly impacts
the long-term economic health
of California and the Sacra-
mento region by sustaining
45,000 jobs in the state, attract-
ing new revenue, transferring
cutting-edge research to a wide
array of fields and creating
partnerships in our communi-
ties. UC Davis annually gradu-
ates more than 6,000 students
who form the next generation
of leaders and innovators in our
technological, global society.

THE NEXT 100 YEARS:
EDUCATION INITIATIVES
UC Davis is committed to the
education of future leaders,
innovators and thinkers. Through
partnerships with public schools,
UC Davis provides California
schoolchildren a boost toward
higher education. Established in
2002, the School of Education
improves teaching and learning
for all—from inner-city pre-
schoolers to high school students.
Teachers statewide increase their
knowledge through continuing
professional education in pro-
grams such as the Cooperative
Research and Extension Services
for Schools Center.

PRODUCING
RESEARCH BREAKTHROUGHS
FOR SAFER, STRONGER,
MORE JUST COMMUNITIES
A CENTURY OF DOING WHAT MATTERS

SOCIETAL INSIGHT

NATIVE AMERICAN STUDIES
UC Davis remains one of the preeminent universities in North America where graduate students can obtain their doctoral degrees in Native American studies. Created 40 years ago, the Native American Studies program was the first of its kind in the nation. Students can study at the undergraduate, masters and Ph.D. levels, and may focus their expertise in the areas of Native American history, religion, philosophy, music, art, literature, women, or politics and society.

Since 2000, UC Davis scholars and volunteers have been working to revive more than 100 indigenous California languages by transcribing 500,000 pages of notes left behind by linguist J.P. Harrington, who interviewed the last surviving speakers of many native California tongues.

For more than 35 years, the C.N. Gorman Museum on campus has been dedicated to the creative expressions of Native American artists and artists of diverse cultures and histories. Established in honor of faculty emeritus Carl Nelson Gorman—an artist, WWII code talker, cultural historian and advocate for Native peoples—the museum hosts a permanent collection of historical works and exhibits of contemporary art in a wide range of media including sculpture, painting, photography and prints.

ASIAN AMERICAN MENTAL HEALTH
UC Davis psychologists are gaining increased understanding of mental health problems facing Asian Americans. The Asian American Center on Disparities Research at UC Davis supports and coordinates the efforts of a network of researchers. Already, their research has found a higher rate of diagnosed psychological disorders among biracial Asian Americans compared to other Asian Americans.

HISTORICAL INSIGHT
UC Davis historians provide a comprehensive look into past lives and cultures across the globe, including American history. Pulitzer Prize-winning scholar Alan Taylor explores Early American history, and Louis Warren, the W. Turrentine Jackson chair, shares his authoritative knowledge on the American West. The UC Davis General Library also houses one of the great Western Americans history collections for use by students, researchers and visiting scholars from around the world.

ECONOMIC ADVICE
Presidents, governors and other policy makers rely on the advice of economists in the UC Davis departments of economics and agricultural and resource economics in matters of tax policy, labor discussions, international trade issues, indirect impacts of war on the nation’s economy and the farm subsidy debate. UC Davis also provides a reserve of knowledge for scholars worldwide through its Center for International Data, which contains more information on global trade than anywhere else in the world.

THE NEXT 100 YEARS: WOMEN LEADERS
The fourth annual UC Davis Study of California Women Business Leaders revealed that half of California’s 400 largest public companies have no women in top executive offices, despite evidence that companies with female executives thrive. These results raise awareness of the problem and point the way for CEOs to make necessary changes.

NATIVE AMERICAN STUDIES
Karen Santana (left, in family photo), a Pomo tribal member and 2005 graduate of the Native American Studies program, worked with Professor Martha Macri to mine the archives of the late anthropologist John Harrington for information on the Pomo language.

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UC Davis researchers provide solutions to our world’s energy crisis. The UC Davis Institute of Transportation Studies investigates all types of alternative-fuel vehicles—from gas-electric hybrids to hydrogen-powered—and shapes public policy on a wide range of transportation issues. Engineering researchers pioneered plug-in hybrid electric cars that can get 100 miles per gallon of gas. UC Davis scientists also search for new methods of powering our homes, such as the Biogas Energy Project, which uses hungry, safe bacteria to turn waste into gas.

ALTERNATIVE ENERGY

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CONSERVATION

The world looks to California for conservation leadership, and California looks to UC Davis. In 2007, Governor Arnold Schwarzenegger announced the world’s first low-carbon fuel standard for transportation fuels, informed by the research of three UC Davis professors. The UC Davis California Lighting Technology Center is a leader in conservation innovation. Researchers develop energy-saving lighting such as light-emitting diodes (LEDs) for lamps, and sensors that turn lights off when they are not needed.

ENVIRONMENTAL CLEAN-UP

UC Davis created the nation’s first environmental toxicology department outside of a medical school in 1961. The department develops novel techniques for tracking the movement of chemicals in water, soil and air—methods that have been adopted worldwide in environmental clean-up efforts. UC Davis researchers recently assisted with the clean-up of more than 10 tons of lost fishing gear to make the coastal ocean safer for wildlife.

THE NEXT 100 YEARS: CLIMATE CHANGE

Policymakers worldwide turn to UC Davis’ collaborative, interdisciplinary research to better understand global warming and learn how to meet its challenges. Through programs such as the nationally funded COMET project (COast-to-Mountain Environmental Transect), which includes UC Davis faculty, researchers, and students from computer science, atmospheric sciences, oceanography and remote sensing, UC Davis will increase our knowledge of a changing planet.

PHOTO: Dolphin from magazine?

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A CENTURY OF DOING WHAT MATTERS

THE ENVIRONMENT

STEWARDING CALIFORNIA’S ENVIRONMENT

UC Davis was an early leader in protecting California’s environmental heritage, from the forests and lakes of the Sierra Nevada to the Pacific Ocean. Nearly 50 years ago, UC Davis researchers were among the first to warn that Lake Tahoe’s ecosystem was in serious decline. They initiated the search for solutions and created two new UC Davis interpretive centers at the lake to share research findings with the general public and decision makers. When water levels at Mono Lake in the Eastern Sierra dropped drastically in the late 1970s, endangering the habitat for millions of migratory and nesting birds, UC Davis researchers again were among the first to sound the alarm. Students, faculty and alumni played pivotal roles in the campaign to save Mono Lake. Once viewed as a commodity supply, California forests are now understood as a valuable natural resource, thanks in part to the UC Davis Sierra Nevada Ecosystem Project, conducted at the request of Congress in 1992. Researchers at UC Davis’ Bodega Marine Laboratory examine significant ecosystem issues in the Pacific such as abalone losses, the “ecosystem services” of sea grasses, marine upwelling and coastal climate change. Their captive-rearing program for winter-run Chinook salmon has helped the species survive.

A report regarding Mono Lake published by UC Davis in 1977 alerted California to trouble signs with the ecology of the unique, limestone-studded lake.

PHOTO BY SAM GARZA, LOS ANGELES, USA. CREATIVE COMMONS ATTRIBUTION 2.0 LICENSE. COMMONS.WIKIMEDIA.ORG

A CENTURY OF DOING WHAT MATTERS

THE ENVIRONMENT

A CENTURY OF DOING WHAT MATTERS

THE ENVIRONMENT

PhoTo: Dolphin from magazine?

It was a seal
A CENTURY OF DOING WHAT MATTERS
THE ARTS

ARTISTS’ INFLUENCE ON THE WORLD
Before the 1960s, New York reigned as the only serious art center in the country. Five innovative artists who came to teach at UC Davis more than 40 years ago brought recognition to California by collectively launching the influential “California funk” art movement. With irreverence and wit, Robert Arneson, Roy De Forest, Manuel Neri, Wayne Thiebaud and William T. Wiley challenged the pretensions of the East Coast art world, charted a new course for a generation of artists and catapulted the UC Davis art department to prominence. Their variety in styles and media remain a hallmark of the department—from Thiebaud’s representational paintings of ice cream cones, cakes and San Francisco scenes to Arneson’s idiosyncratic ceramic beer bottles, toilets and the famous “eggheads” that now dot the UC Davis campus. The experimental spirit that dominated the art department during this time of explosive growth lives on in the students of today.

CULTURAL ENRICHMENT
A Northern California arts hub, UC Davis enriches lives through arts, entertainment and cultural education programs. The Robert and Margrit Mondavi Center for the Performing Arts brings world-class artists and speakers to the stage, serves as a teaching resource and introduces countless schoolchildren to the arts. In a unique partnership with the Globe Theatre in London, UC Davis brings the works of Shakespeare to life through teacher training, classes, scholar exchanges and courses at the re-created Elizabethan theatre.

FINE ARTS COLLECTION
UC Davis houses a permanent fine arts collection that focuses on the art of Northern California after World War II. Notable within the collection are works by distinguished artists associated with the university, such as Wayne Thiebaud, Robert Arneson, Manuel Neri, Roy De Forest, Bruce Nauman and Deborah Butterfield. Recent additions to the collection include 20 hand-worked Thiebaud prints and 150 photographs by pop art icon Andy Warhol.

THE NEXT 100 YEARS: FUTURE SUSTAINABLE DESIGN
Creating beautifully designed products that are friendly to people and the planet—that is the challenge facing UC Davis design department students as they look to future careers. With newly created sustainable design courses, students have the opportunity to rethink the design of products that shape our lives and how their creation affects the environment. By teaching sustainable design principles and practices, UC Davis will guide designers into the future frontier.

CREATIVE WRITING AND UNIVERSITY WRITING PROGRAM
Best-selling novelists, critically acclaimed poets and essayists, Emmy-winning screenwriters and other creative writers have found their path to success through UC Davis’ Creative Writing Program. Launched in the 1970s, the program continues to strengthen UC Davis’ reputation as a nurturing environment for writers through annual workshops. All UC Davis students, whether in math, music or science, benefit from required writing courses through the University Writing Program, recognized nationally for its excellence.

INSPIRING AND ENRICHING LIVES THROUGH CREATIVE EXPRESSION
A CENTURY OF DOING WHAT MATTERS
HEALTH AND MEDICINE

MEDICAL ADVANCEMENT

What was once a county hospital evolved into a nationally recognized medical center after it was taken over by the university in 1966. Since then, the UC Davis Health System has provided medical care to innumerable patients, while its physicians and researchers have developed technologies, therapies and procedures that have advanced medicine.

Today, surgeons in trauma centers and on military frontlines save more lives thanks to techniques pioneered by UC Davis trauma surgeons.

Patients blind from damaged corneas can now see because of UC Davis research breakthroughs and procedures performed at the UC Davis Medical Center. Patients have benefitted from the implanting of artificial corneas and lenses and the development of a new bioengineering procedure that grows replacement corneal tissue in a laboratory dish.

Doctors and patients in rural areas receive immediate consultation from specialists at the Medical Center through a live interactive “telemedicine” program, which is expanding to include more than 300 rural clinics and hospitals.

Better pain relief is at hand through studies by UC Davis pain experts that revamped pain management education for physicians in California.

UC Davis discoveries continue to improve medicine, such as recent cryobiology research that increases the shelf-life of blood platelets by freeze-drying living cells.

AIR QUALITY UC Davis is a national leader in understanding one of the resources most important to us as humans—the air we breathe. Studies have informed us of the health risks from secondhand cigarette smoke, traffic and agriculture pollution, and even the fine dust that coated Manhattan around Ground Zero following the September 11 attacks. During the 1970s, UC Davis veterinary researchers developed tools used by the U.S. Environmental Protection Agency to set national air-quality standards.

NUTRITION UC Davis has played a key role in understanding of maternal nutrition and breastfeeding. Nutrition researchers helped establish new standards that assist parents, doctors, policymakers and child advocates better evaluate whether the health care needs of children are being met.

Current research at the Center of Excellence in Nutritional Genomics, led by UC Davis, will provide doctors with DNA profiles of patients to help them prescribe medicines and diets tailored specifically to their patient’s genes.

NEURODEVELOPMENTAL DISORDERS Researchers with the interdisciplinary UC Davis M.I.N.D. Institute are discovering the causes and developing better treatments for neurodevelopmental disorders such as autism, fragile X syndrome, ADHD and epilepsy. Established in 1998 by a group of passionate parents with support from physicians, scientists, administrators and politicians, the internationally collaborative organization advances toward cures and provides hope to families worldwide.

THE NEXT 100 YEARS: NURSING SCHOOL

UC Davis will improve the future health and health care of citizens in California and throughout the nation with the launch of the new Betty Irene Moore School of Nursing. The school emphasizes leadership, scientific rigor and a multidisciplinary approach to the training of future nurses, educators and researchers who will make positive, long-term impacts on issues such as obesity, infectious disease and environmental hazards.

PHOTO BY DEBBIE ALDRIDGE

LENGTHENING AND IMPROVING HUMAN LIVES BY ENHANCING HEALTH AND MEDICINE
A CENTURY OF DOING WHAT MATTERS
ANIMAL HEALTH AND WELFARE

DISEASE MANAGEMENT
Throughout the past century, UC Davis veterinary researchers have helped identify, diagnose and eradicate numerous animal diseases in the United States and the world. Bluetongue virus, a disease that once devastated sheep flocks and cost the livestock industry millions of dollars, was eradicated in much of the nation thanks to UC Davis research that produced a diagnostic test and vaccine in the early 1960s. Such pioneering research, coupled with modern genetic advances, has led to safer, more effective vaccines for ailments such as rinderpest—a measles-like cattle plague that has caused famine and economic devastation in Africa. Researchers at the International Laboratory of Molecular Biology for Tropical Diseases also produced an inexpensive diagnostic kit simple enough to be used in the field.

In addition to safeguarding the health of livestock animals, UC Davis has also greatly improved the health and survival of our companion animals. Researchers developed a vaccine for feline leukemia and drew a correlation between a lack of dietary taurine, an amino acid, and feline dilated cardiomyopathy, a fatal heart ailment. Pet food companies recognized the importance of the discovery and began adding taurine to commercial cat food, saving the lives of untold numbers of pets.

SHELTER AND ZOO MEDICINE
UC Davis has developed animal shelter management techniques—from cleaner cages to faster diagnoses and better volunteer training—that result in healthier, more adaptable dogs and cats. And when zoo animals become ill or are injured, they benefit from the world’s first Zoological Medicine residency, developed at UC Davis in conjunction with the Sacramento Zoo. Residents also practice at the San Diego Zoo, SeaWorld, and the San Diego Wild Animal Park.

OILED WILDLIFE
UC Davis researchers with the Wildlife Health Center developed a statewide Oiled Wildlife Care Network to rescue and rehabilitate marine birds and mammals negatively affected by oil spills, contamination and chronic sources of pollution. In conjunction with the California Department of Fish and Game, this consortium of wildlife rehabilitators, veterinarians and biologists responds to crises and cares for animals at regional wildlife care facilities stretching the entire 1,100 miles of California’s coast.

ANIMAL DISASTER RESCUE
UC Davis large-animal clinicians were the first to develop plans to help animals survive natural disasters. The team deployed volunteers and provided expertise during the 1997 Northern California floods, Hurricanes Floyd and Katrina and the 2006 Yolo County wildfires. The “Anderson sling,” developed by clinical faculty and staff, aids in the air-lift recovery of horses and cattle and was used with renowned racehorse Barbaro following his devastating injury.

THE NEXT 100 YEARS: REGENERATIVE MEDICINE
Current UC Davis research focused on orthopedic injuries in horses will provide a better understanding of how stem cells repair bone, tendon and ligament injuries and lead to future treatments. This form of regenerative medicine—using an animal’s own tissues to repair or replace tissue or organ function lost due to age, injury or disease—also offers hope to thousands of human patients.

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A CENTURY OF DOING WHAT MATTERS
SCIENTIFIC DISCOVERY

THE ORIGIN OF THE SOLAR SYSTEM
UC Davis researchers have asked some of the biggest scientific questions of our time—when and how did our solar system take shape and is there life on other planets—and found answers from geology, physics, cosmology and chemistry. For instance, by analyzing a particular type of meteorite—a carbonaceous chondrite—which represents the oldest material left over from the formation of the solar system—UC Davis geologists have set the most precise dates yet on the earliest stages in the birth of our solar system.

UC Davis geologists have also shown that Mars was covered in an ocean of molten rock for about 100 million years after the planet formed. Geologists are now diving to the depths of remote Canadian lakes and scouring the ancient surfaces of Death Valley and the Australian Outback to find clues to the history of life on Earth and to whether life could exist on Mars.

UC Davis chemists have developed new methods of using visible and ultraviolet spectroscopy to study the chemical composition of comets, which contain remnants—and therefore secrets—from the formation of our solar system.

THE NEXT 100 YEARS: LARGE SYNOPTIC SURVEY TELESCOPE
UC Davis will transform the way researchers study the universe and open exciting new doors into astronomy and fundamental physics through its involvement with the world’s most powerful Large Synoptic Survey Telescope (LSST). Once installed on a mountaintop in Chile, the LSST will map the entire visible night sky every three nights for 10 years. The project consortium of universities, foundations and private sector companies is led by UC Davis physics professor J. Anthony Tyson.

FOLLOWING THE CLUES TO THE UNIVERSE’S MOST PROFOUNDEST MYSTERIES

UNDERSTANDING MITOCHONDRIA
Through a better understanding of how mitochondria—the energy powerhouse of each cell in our bodies—react when cells are deprived of oxygen, UC Davis researchers were able to identify a new compound that blocks an early step in cell death and could lead to a novel class of drugs for treating heart attacks and stroke.

DNA REPAIR
UC Davis microbiologists have developed technology that provides critical insight into how molecular machines repair DNA if something goes wrong in the daily routine of DNA replication and division. Without the essential repairs of the building blocks of life, our cells can’t function correctly and that can lead to cancer. This basic research answers critical scientific questions and leads to a better understanding of numerous human diseases, including cancer.

KECK CAVE
Virtual reality environments aren’t just for computer gamers. UC Davis geologists can literally step inside their projects at the Keck CAVE—the W.M. Keck Center for Visualized in Earth Sciences—to work with their data in three dimensions, whether it’s a Martian rock or a computer model of the Earth’s interior. Conducting “virtual field work” saves time and money required for travel to remote, inaccessible or dangerous places.

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UC Davis researchers are unlocking the mysteries of the universe, including work that has determined the age of our solar system. COURTESY NASA, ESA AND J. HESTER (ASU)
A CENTURY OF DOING WHAT MATTERS
ALUMNI AND STUDENT IMPACT

ALUMNI: ONCE AN AGGIE, ALWAYS AN AGGIE

From the initial graduating class of nine students in 1911 to a total of 185,000 alumni alive today, UC Davis graduates have made their mark in the world—and beyond. Their countless achievements include leading UNICEF, serving as the first woman U.S. Secretary of Agriculture, winning Olympic gold medals, directing Oscar-winning films and repairing the space shuttle Discovery while in space.

Public service has always been a core tenet of the UC Davis creed and alumni have carried those values to every continent by offering humanitarian assistance, playing leadership roles, facilitating research opportunities, giving philanthropically and forging new partnerships within communities big and small.

ATHLETIC ACHIEVEMENT
UC Davis athletes have a reputation for character and academic accomplishment, including a football program noted for producing physicians and wins. UC Davis has twice earned the distinction of being named the No. 1 school in the nation for female athletes and three UC Davis women have earned the title of NCAA Woman Athlete of the Year.

STUDENT-LED CLINICS
UC Davis students make a difference every day in the lives of Californians—providing medical care at free clinics for underserved populations; legal representation for low-income people on civil rights, family law, prisoner rights and immigration law; and veterinary care for the pets of the homeless. In addition, management students offer consulting services to businesses, government and nonprofit organizations.

THE NEXT 100 YEARS: FUTURE IMPACT
UC Davis alumni have gone from transforming California’s agricultural industry to sharing innovations in sustainable energy and cleaner forms of transportation, developing medical techniques that save lives and inspiring countless people through art and music. As we face the myriad challenges of a changing planet, UC Davis alumni will continue to make an impact in solving world problems and building strong communities.

PHOTO: DENBY, Jamilla

UC Davis graduates are leaders who have made impacts in California, the nation and the world.

TRANSFORMING THE WORLD WITH THE SPIRIT OF AGGIE PRIDE
The roots of UC Davis go back to 1905, when the California Legislature approved the establishment of a state agriculture school. Three years later, in October 1908, the University Farm opened at Davis to provide farmers’ short courses, which were akin to today’s extension classes. The charter mission was to teach students the latest in agricultural methods and technology. The following January regular classes began, with a student body of 18.

Although the school was welcomed immediately—the first Picnic Day, in spring 1909, was attended by more than 2,200 people—the establishment of a new, independent institution of higher learning had not been a foregone conclusion. Many, even those in the farming community, believed that the state’s increased demand could be met with vocational training.

Fortunately, those leaders who understood the great potential of a research-based school prevailed, and set a course from the start toward meeting the needs of California. Historian and former state librarian Kevin Starr characterized the establishment of the University Farm at Davis as an expression of “the Progressive ideal that science and engineering were not merely speculative arenas, but were also instruments by which the world could be improved.”

Research began on the campus as quickly as experiments could start, with an immediate focus on cereal crops and irrigation, along with investigations launched in the creamery and laboratory. The first set of courses covered animal husbandry, crops, horticulture and viticulture, irrigation and veterinary science. Over the next decade and a half, the campus grew from a small school offering practical opportunities for young farmers into, in 1922, a four-year institution prepared to educate California’s future leaders. Graduate instruction began three years later, and 25 years later, in 1950, UC Davis conferred its first Ph.D.—in botany.

Women first attended Davis in 1914, after a women’s dormitory was completed. By then, the school had attracted international attention, already enrolling students from countries as diverse as Australia, Chile, China, Mexico, India, Germany and the Philippine Islands.

Today, UC Davis is one of 10 campuses of the University of California, which was chartered as a land-grant college in 1868 and constitutes the nation’s leading public higher education system. Located close to the state capital, UC Davis has more than 31,400 students, an annual research budget that exceeds $500 million, a comprehensive health system and 13 specialized research centers. It hews closely to its land-grant mission of engaging in teaching, research and service for the greater public good.

The university offers interdisciplinary graduate study and more than 100 undergraduate majors in four colleges—Agricultural and Environmental Sciences, Biological Sciences, Engineering and Letters and Science—and advanced degrees from five professional schools—Education, Law, Management, Medicine and Veterinary Medicine. A sixth professional school, the Betty Irene Moore School of Nursing, is proposed. Graduate Studies offers advanced study and research opportunities in nearly 90 programs. And UC Davis is one of only 62 universities admitted to the prestigious Association of American Universities.

The Davis campus is physically the largest of the 10 UC campuses, with 5,300 acres. Among the 10 UC campuses, Davis is first in non-federal research expenditures and third in enrollment.

Today, true to its land-grant mission, UC Davis touches everything that matters to us as human beings. From our health and well-being, to food and drink, to how we experience and interpret life, UC Davis makes an impact through teaching, research and public service. For 100 years, it has prepared and inspired students and discovered solutions to some of society’s most pressing problems. As we look to the future, UC Davis is addressing those things that matter most to California in order to transform the world.
CENTENNIAL FACT:
IN 1906, THE COST TO THE STATE FOR THE “UNIVERSITY FARM” 779-ACRE PROPERTY WAS $104,250. SINCE THEN, UC DAVIS HAS BECOME AN INVALUABLE RESOURCE TO CALIFORNIA.

UC DAVIS FINANCIALS

Total revenues increased by $151 million from 2007 to 2008, including a 19% or $83 million increase in funding from the State of California. Private gifts, grants and contracts increased by $13 million, while revenues from the federal government increased by $5 million. In addition, revenue from student fees and tuition increased by $4 million and revenue from self-supporting activities on campus was unchanged. Medical Center revenues increased by $88 million and revenues from other sources went up by $8 million.

Operating expenditures grew by $143 million over 2006-07, including increases of $21 million for research, and $15 million for student services and financial aid institutional support as well as $15 million for operations and maintenance. There was also an increase of $9 million each for academic support and for instructional support. The Medical Center’s expenditures increased by $88 million. Other activities grew modestly or contracted relative to last year.

“UC Davis’ historical strengths fit well into the modern world. Our campus translates its land-grant heritage into discoveries that improve the quality of life for people everywhere,” said Barry Klein, vice chancellor for research. “Serving as an engine for innovation, UC Davis is committed to finding solutions to society’s challenges.”

This year, UC Davis received $20 million from the California Institute for Regenerative Medicine for a $62 million research facility. The facility will bring together dedicated researchers from a variety of disciplines to focus on finding cures for people suffering from chronic disease or injury.

Other grants include nearly $32 million over seven years for a national child health study, up to $3.1 million over five years from the National Science Foundation to train graduate students in biofuels and biotechnology, $788,000 over three years from the U.S. Department of Energy to develop promising technology for solar panels and $600,000 from the National Institutes of Health to study the links between vitamin D deficiency and disease in vulnerable populations.

As the needs of California and the world increase, UC Davis will continue to discover what matters to society. Through a strong trend in research funding, the community of scholars at UC Davis will continue to develop new treatments for disease, unlock secrets and discover innovative technologies that make our lives better.

Through the help of more than 44,000 donors, including alumni, parents, students, patients, organizations and other friends, UC Davis raised nearly $216.8 million in gifts, pledges and private grants during the 2007–08 fiscal year. This marks the sixth consecutive year that philanthropic support has grown and the first time that UC Davis has surpassed $200 million.

“Given our Centennial celebrations, this remarkable year of philanthropy is especially exciting,” said Chancellor Larry Vanderhoef. “We are grateful to each and every one of our donors who helps and believes in our mission at UC Davis. Their support and commitment provide new and better opportunities for our students and faculty as we look to address society’s challenges of the next 100 years.”

Almost half of the total—$100 million—came from a single philanthropic grant from the Gordon and Betty Moore Foundation, directed to found a new nursing school in Sacramento. Even without that grant, giving increased 12 percent, year to year.

Of the philanthropic total, 26 percent was directed toward research, while department/faculty support and student support received a combined 58 percent. Campus improvement and other program support received the remaining 16 percent.

Each of UC Davis’ four colleges and five professional schools received significant private support. The Health System, which includes the proposed Betty Irene Moore School of Nursing as well as the School of Medicine, recorded the highest amount at $120.3 million. It was followed by the College of Agricultural and Environmental Sciences, at $29.2 million, and the Graduate School of Higher Education, which includes the proposed Betty Irene Moore School of Nursing as well as the School of Medicine, recorded the highest amount at $120.3 million. It was followed by the College of Agricultural and Environmental Sciences, at $29.2 million, and the Graduate School of Higher Education, which includes the proposed Betty Irene Moore School of Nursing as well as the School of Medicine, recorded the highest amount at $120.3 million. It was followed by the College of Agricultural and Environmental Sciences, at $29.2 million, and the Graduate School of Higher Education, which includes the proposed Betty Irene Moore School of Nursing as well as the School of Medicine, recorded the highest amount at $120.3 million. It was followed by the College of Agricultural and Environmental Sciences, at $29.2 million, and the Graduate School of
2007–08 FOUNDATION TRANSFERS BY PURPOSE

- Department
- Research
- Student support
- Campus improvement

2007–08 SOURCES OF GIFTS

- Foundations
- Corporations
- Individuals
- Other sources

INspirational gifts to UC davis

The following is a sampling of gifts from the more than 44,000 donors who supported UC Davis in the fiscal year 2007–08.

Proposed New Nursing School

Continuing its commitment to improving the quality of patient care and fostering nursing excellence through education, the Gordon and Betty Moore Foundation committed $100 million in founding support to launch the Betty Irene Moore School of Nursing at UC Davis. The new school will be dedicated to training nurse leaders of the future capable of improving patient care, patient safety and health outcomes.

Largest Alum Gift

Maurice J. Gallagher Jr. ’71 and his wife, Marcia, pledged $10 million to UC Davis, the largest gift ever made to the campus by a UC Davis graduate. The gift will support the Graduate School of Management’s new building and establish an endowment for the school. In recognition, the building will be named Maurice J. Gallagher Jr. Hall.

Wine Country Legacy

Napa Valley native Louise Rossi bequeathed a gift of more than $12.5 million to UC Davis for the study of viticulture and enology. The gift will be used to establish a perpetual source of funding for high-priority research projects focused on improving sustainable production practices and enhancing the flavor of grapes and wine. Rossi and her late brother, Ray ’30, had a history of philanthropic support for UC Davis.

The UC Davis Foundation

The UC Davis Foundation plays a vital role in ensuring UC Davis’ excellence by actively promoting philanthropy and managing donated resources for the advancement of UC Davis. The UC Davis Foundation gratefully accepts philanthropic contributions on behalf of UC Davis, disburses these contributions according to the expressed wishes of the donor, and invests and manages contributions to optimally protect and enhance their financial value, including both current-use funds and permanently invested endowment funds.

Philanthropic support helps to ensure UC Davis’ high quality of teaching, research and public service, as gifts leverage and enhance the state of California’s critical core support to the university. Examples of charitable contributions that are accepted through the UC Davis Foundation include scholarships and fellowships for students, chairs and professorships for faculty, support for research and academic and student programs, gifts to build or enhance facilities, unrestricted gifts that can be used wherever the need is greatest to meet emerging priorities, and gifts for other UC Davis priorities.

As a nonprofit corporation, the foundation is recognized under federal and state tax laws as a qualified recipient of tax-deductible charitable contributions. It operates under the auspices of the Regents of the University of California.

2007–08 Philanthropic Support to the UC Davis Foundation

The impact of the UC Davis Foundation is far-reaching. The foundation’s efforts to raise the visibility of philanthropy were vital to UC Davis’ record-breaking year of gift support, which totaled more than $216 million accepted through the UC Davis Foundation and the UC Regents. Of the $216.8 million in total philanthropic support that UC Davis received in 2007–08, 22 percent, or $47,729,147 million, was given to UC Davis through the UC Davis Foundation, with the rest given through the UC Regents.

As of June 30, 2008, the foundation had $266 million in net assets. Of that amount, $157 million was held for endowment.

Pam Fair ’80, chair of the foundation beginning July 1, 2008, says that the organization plays a vital role in helping the university fulfill its mission.

“UC Davis stands among the top universities in the world, providing a remarkable breadth and quality of research, teaching, patient care and public service,” Fair said. “Private support furthers the endeavors of faculty, makes higher education affordable to UC Davis students, and provides funding for new initiatives and opportunities. I’m proud that the UC Davis Foundation can help to further the mission of an extraordinary university that has served California for more than 100 years.”

UC Davis Foundation: Trustees

The UC Davis Foundation is governed by a Board of Trustees, who help to increase philanthropic support for the university in areas of identified priority. Trustees work in concert with academic leaders and advancement staff, contribute personal gifts, support and advise university leaders in areas related to public trust and philanthropic support, and oversee the investments and other business operations of the Foundation.

For more information on the UC Davis Foundation or about making a gift to UC Davis:

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WHY SUPPORT UC DAVIS? ASK TRUSTEE BRUCE EDWARDS ’61

“There is so much going on at UC Davis that benefits from philanthropy. I believe the administration has created a strong master plan that is generating forward progress for UC Davis, but it requires private support. It’s more important than ever for alumni and others to give to UC Davis. In the past, the state provided almost all the necessary funding, but it’s a new era.”

Edwards has seen a lot of changes at UC Davis since he arrived in 1955. A member of the football team when it won a conference championship, he now revels in watching today’s team in the new Aggie Stadium, to which he provided major gift support, along with many other generous donors. He promotes philanthropy to UC Davis through his service on the foundation board, and in addition to raising gifts for athletics, he is also active in assisting the College of Letters and Science and other campus programs.

“Attending UC Davis changed my life,” Edwards says. “And being a trustee has allowed me to see everything that is going on across the university today. I am truly inspired by the enormous achievements of UC Davis and its contributions to the world.”
IMAGE in the DAM