We make our world significant by the courage of our questions and by the depth of our answers.

— Carl Sagan

What can the University of California, Davis, do to make the world a better place? Members of our community—from scientists to artists—begin their work with big questions like this in mind.

The issues we explore, inevitably, are society’s most pressing concerns. We are leading the charge toward sustainable practices and energy alternatives that are mindful of our earth’s precious resources and reduce our dependence on oil. We are teaching future leaders to think critically about their world and to understand cultures that are different from their own.

We are on the leading edge of stem cell research, as one of only two centers in the country funded by the National Institutes of Health to translate human stem cell research into therapies. And we are enhancing the quality of life and health in our region by engaging with the local community through the arts and medicine.

Our contributions are fueling our success. In 2006, UC Davis’ research funding climbed another 8 percent to $543 million, which represents a remarkable increase of 82 percent over the past five years. And thanks to generous donors, our philanthropic totals rose for the fourth consecutive year to $81.5 million.

This fall the largest freshman class in University of California history sought our rigorous, attentive and research-enriched education. And the Washington Monthly ranked us in the top 10 among all U.S. universities for our contributions to society.

In the pages of this annual report, you will learn about the big questions we’ve been asking and the bold way our community is answering them. Indeed, we are committed to making the world a better place.

Larry N. Vanderhoef
Chancellor

Virginia S. Hinshaw
Provost and Executive Vice Chancellor

All learning begins with a question. Questions lead to answers, and even bigger questions emerge.

At UC Davis, big questions galvanize our learning and discovery.

And our students, faculty and researchers uncover the bold answers that become the solutions to the critical issues of our world.
But this nationally renowned scholar and respected campus teacher promises his classes that they will learn from him, just as he learns from them.

His students say Mechling helped them develop a set of new lenses to see their culture.

“Thousands of movies and television shows have been forever ruined, since I no longer think, ‘Gee, that was a neat show’ but instead delve into a folkloric examination of the plot and allegories,” explains Jesse Friedman ’04.

Among his tricks in teaching, Mechling reveals, are both the dedicated act of listening to his students and an ability to express his own enthusiasm for ideas and issues in American culture.

Former student Jacqueline Curran says she is amazed by how Mechling can find depth and meaning in almost any topic.

“How do we prepare the great leaders of tomorrow?”

HOW DO WE PREPARE THE GREAT LEADERS OF TOMORROW?

POP-CULTURE CURRICULUM

AMERICAN STUDIES PROFESSOR JAY MECHLING IS QUICK TO TELL HIS STUDENTS IN AN AMERICAN POP CULTURE CLASS THAT THEY KNOW MORE ABOUT THE TOPIC THAN HE DOES.

Mechling was recognized with the 2006 UC Davis Prize for Undergraduate Teaching and Scholarly Achievement, which is funded by the UC Davis Foundation.
by non-credentialed instructors, and students rank at or near the bottom nationally in both subjects. To address the problem, UC Davis has created the Mathematics and Science Teaching program (MAST) to help undergraduate students prepare to become teachers. MAST, which began last year, gives students like second-year mathematics major Alan Bare access to academic advising services and information about teaching credential programs and financial aid. Even more importantly, the program offers seminars in which students learn about and visit elementary and junior high school classes. Interim MAST director Arthur Beauchamp hopes this opportunity to work in a classroom will prepare undergraduates for the next step in their education. “To get into credential programs, you need to have experience in the classroom, and we’re providing that experience,” he said. The program was created by the UC Davis School of Education and the College of Letters and Science in response to a compact made between Gov. Arnold Schwarzenegger and the University of California last year. Under the “California Teach” initiative, the UC system will work to quadruple by 2010 the number of credentialed math and science teachers it annually graduates in an effort to expand the state’s skilled workforce.

LEGAL LEADERSHIP
JESUS RIOS BREATHED A SIGH OF RELIEF. WITH UC DAVIS LAW STUDENT ANNA SLOTKY AND AN ATTORNEY AT HIS SIDE DURING AN ADMINISTRATIVE HEARING, HE NOW HAD EVERY REASON TO BELIEVE THAT HIS DISABILITY INSURANCE WOULD BE RESTORED.

“I’m glad it’s over,” Rios said. “They were a big help.”

The Woodland man is among the hundreds of people helped each year as students from the School of Law put their growing skills to work throughout the region.

Committed to public interest law and practical skills training, the law school has offered unpaid “externships” for more than 20 years.

Managing attorney John Gianola said Legal Services of Northern California’s Woodland office uses UC Davis students to serve its low-income and senior clients.

Rios was on disability insurance after seizures forced him to quit his job busing tables. But when another person used his Social Security number, he was asked to repay hundreds of dollars.

Slotky represented Rios at the hearing under the supervision of a Legal Services attorney. “The best part of it is you get to work with clients and deal with real-life problems,” she said. “This is why you go into law. You’re there to help people.”
own vulnerabilities, his dire forecast earned him the nickname "Dr. Doom."

But Dr. Doom has street cred, born of 30 years of renowned research, teaching and public service. His record has earned him top honors, including the Roy J. Solomon Endowed Chair in Applied Geosciences, directorship of the UC Davis Center for Watershed Sciences and the President's Chair in Undergraduate Education, which he shares with his longtime scientific collaborator, UC Davis fisheries biologist Peter Moyle.

And so, when Mount reported that the odds of massive levee failure in the Sacramento-San Joaquin Delta in the next 50 years were nearly two in three, things happened. The Sacramento Bee published a powerful series of stories predicting flood catastrophe, state legislators introduced bills that would have restricted development on flood plains, and voters approved a $4.1 billion flood prevention bond on the November ballot.

"California is on a collision course with disaster, that will affect 33 million people's water supply, 7 million acres of irrigated agriculture and the seventh largest economy in the world," Mount says. "Now, for the first time in 50 years, all levels of government acknowledge that substantial changes are coming in the way we manage water through this delta."

**DR. DOOM WARNS OF LEVEE LIMITS**

**GEOLOGIST JEFFREY MOUNT DOESN’T MINCE WORDS. AFTER HURRICANE KATRINA FLOODED NEW ORLEANS AND MOUNT RELEASED A STARK ANALYSIS OF CALIFORNIA’S**
Soon our cars may run on garbage. Or trees. Or grass. At UC Davis, car-of-the-future engineering is joining forces with state-of-the-art plant science, sustainable farming, waste management and energy conversion science to satisfy California’s world-leading emissions policies.

UC Davis researchers are addressing the vast range of variables—from genetics to thermo-chemical and biochemical reactions to economics—that must be factored into the equation if our cars and trucks are to be powered in the future by something other than petroleum.

For instance, more than 100 researchers are working to develop the newest wave of transportation fuels: biofuels. Their mission is to find the best ways to make fuel from farm and forest residues, like straw and timber trimmings; urban waste, such as table scraps; and crops grown specifically for energy-rich fibers and grains.

Helping them along is Chevron Corp., which in 2006 agreed to fund up to $25 million in UC Davis biofuels research in the next five years. And leftovers from San Francisco restaurants are providing the fuel for the campus’s new $4 million Biogas Energy Plant, which turns out methane gas and hydrogen.

Some of these same researchers are also developing the technology, infrastructure and consumer profiles for the Hydrogen Highway, a decidedly different transportation route with a longer ramp-up period.

Add it all up, says Vice Chancellor for Research Barry Klein, and it means “we are getting closer to our goal of driving on clean, affordable energy.”

ENERGY EFFICIENCY
ARCHITECT BILL STARR SAYS THE AWARD-WINNING “GREEN” LABORATORIES AND CLASSROOMS RISING AT UC DAVIS ARE CHANGING MORE THAN JUST THE CAMPUS’S energy bills. They are changing the state’s construction culture by showing how energy-efficient buildings can still be functional and affordable and, moreover, more comfortable places to work, study and create.

“We began by taking an intensively greener approach to our own construction projects,” Starr says. “We’ve ended up incorporating academic teaching and research programs, as well as doing outreach to other institutions on how they can do these themselves.”

For example, the new $27 million Gladys Valley Hall at the School of Veterinary Medicine maximizes natural lighting and airflow to reduce energy costs by one-third. The new $24 million Tahoe Center for Environmental Sciences follows the same principles in a vastly different climate, for even greater energy savings.

On a smaller scale, the campus’s California Lighting Technology Center designed the lighting for the new offices of the Office of Research. And when old campus buildings are updated, the new interiors (especially laboratories, where ventilation requirements are high) all get energy makeovers.

To promote these activities up and down the state, UC Davis in April launched a new Energy Efficiency Center, matching $1 million in seed money from the Clean Energy Fund with $1.3 million in campus funds. The center’s mission is to implement energy-saving products and services in buildings, transportation systems and agriculture.

FUELING ALTERNATIVES THANKS TO RESEARCH AT UC DAVIS, YOUR TABLE SCRAPs COULD ONE DAY REDUCE OUR DEPENDENCE UPON FOREIGN OIL.
HOW DO WE ENSURE THE HEALTH AND WELL-BEING OF ALL PEOPLE?

with more and better fresh produce, known to help prevent serious health problems.

“Residents of lower-income and minority neighborhoods in many urban areas face a double bind that limits their access to fresh, healthy food, especially fresh fruits and vegetables,” Cassady said. “Not only are full-service supermarkets scarce in many inner-city areas, but many residents lack cars to get to supermarkets in town.”

Undaunted, Cassady launched several research projects. One helped the owner of a small neighborhood grocery store in Sacramento provide customers with a greater selection of fresh fruits and vegetables by installing a refrigerated display case and increasing space for produce.

In another study, Cassady showed that inner-city supermarkets could boost their profits and community service by offering shoppers free shuttles to and from the markets, where they can obtain a greater selection of fresh produce.

In yet another study, she demonstrated that after-school programs can significantly improve children’s overall diets by replacing high-fat snacks with more fruits and vegetables.

Because research has shown that produce-rich diets help protect against illnesses such as heart disease and certain cancers, Cassady hopes to identify practical ways for getting these amazing everyday foods onto consumers’ tables.

A BETTER URBAN DIET
DIANA CASSADY HAS BECOME SOMETHING OF A MATCHMAKER. THE PUBLIC HEALTH SCIENCES RESEARCHER IS INTENT ON LINKING LOW-INCOME, INNER-CITY RESIDENTS
and spinal injuries. As one of only two centers in the country funded by the National Institutes of Health to translate human stem cell research into therapies, UC Davis is at the leading edge with investments in people, training and facilities. UC Davis is attracting funding—such as $2.6 million to train young physicians and scientists in stem cell research, one of the first grants by the California Institute for Regenerative Medicine, established by Proposition 71. It is hiring people like Jan Nolta, from Washington University, St. Louis, who will lead the School of Medicine’s stem cell program, and her colleague Gerhard Bauer who will run a new, ultraclean lab so that experimental treatments can be moved quickly to patients. The university is building facilities. A 100,000-square-foot facility on the School of Medicine campus is being renovated for stem cell research space. And it is working with partners: With the Shriners Hospital of Northern California, the campus has established the Institute for Pediatric Regenerative Medicine, led by neurology professor David Pleasure, to look for new ways to promote wound healing and tissue regeneration in children.

**HOPE FOR THE INCURABLE**

**STEM CELL RESEARCH OFFERS HOPE OF NEW TREATMENTS FOR DISEASES AND CONDITIONS FROM DIABETES AND PARKINSON’S TO CANCER, HEART FAILURE**

INTERDISCIPLINARY ALLIANCE ILLUMINATES AVIAN FLU

**THE DEADLY H5N1 AVIAN INFLUENZA HAS INFECTED BIRDS IN 48 COUNTRIES, KILLED ALMOST 150 PEOPLE AND HAS THE POTENTIAL TO BECOME A GLOBAL PANDEMIC.**

Now the disease has become the focus of four UC Davis researchers—a wildlife health expert, a poultry veterinarian and two physicians—who have combined their expertise to better inform the public about bird flu. “There was an awareness that each of us, whether in poultry, wildlife or human health, was seeing the same train heading down the track straight toward us,” said Walter Boyce, the School of Veterinary Medicine’s Wildlife Health Center director. “It became clear that questions and answers cut across disciplines and species, and that we could help each other”—and by doing so, help the country prepare. Boyce, UC Cooperative Extension veterinarian Carol Cardona and UC Davis Medical Center physicians Warner Hudson and Christian Sandrock joined forces in August 2005. They have since logged hundreds of interviews with the media, elected officials, health-care providers and community groups. The inter-disciplinary team is also preparing a “Flu School” curriculum to update health professionals and the public on avian influenza, and Boyce and Cardona are working to secure funding for a center devoted to research and testing of influenza viruses in animals and humans.
yield but knowing all or part may be lost to disease, floods and environmental stresses.

Each year, half of the world’s potential rice crop is lost to diseases, and flash flooding causes more than $1 billion in rice losses. For 70 million of the world’s poorest people who depend on rice, it is a life or death issue.

UC Davis researchers Pamela Ronald and Eduardo Blumwald are working with colleagues internationally to unravel the molecular secrets of rice, hoping to identify genes that will lead to new varieties that can resist diseases, endure flash floods and thrive despite harsh environmental conditions.

Ronald recently helped identify a gene that enables rice to grow and produce grains even after being completely submerged by floodwaters. Meanwhile Blumwald is searching for genes that will help rice and other plants thrive despite salty soils and irrigation water. He hopes that, one day, salt-tolerant rice will flourish on millions of acres of once unproductive lands.

For a hungry world, time is of the essence. By 2015 the world will need to be producing an additional 50 million tons of rice annually. Researchers like Blumwald and Ronald are committed to meeting that goal.
LIFELINES OF UNDERSTANDING
CAN PERSONAL COMMITMENT AND EDUCATIONAL EXCHANGE HELP TO IMPROVE RELATIONS BETWEEN TWO COUNTRIES? DEAN NICOLE WOOLSEY BIGGART OF UC DAVIS’

Graduate School of Management traveled to Iran this year to visit Sharif University of Technology in Tehran. Biggart joined alumnus Reza Abbaspazadeh—a Sacramento dentist and business leader—to see what educational links they could develop between the Graduate School of Management and Iran’s most prestigious university.

Together, they were furthering a relationship first forged by Chancellor Larry Vanderhoef, who in April 2004 led the first official U.S. university delegation allowed to visit Iran since the revolution in 1979.

Using scholarship funding donated by Abbaspazadeh, Biggart and Abbaspazadeh offered to bring M.B.A. students from Sharif University to the Graduate School of Management for a quarter this spring, believing that the interaction can inspire an understanding between the nations that is unattainable on the international diplomatic stage.

While they hold no illusions about being able to solve international disputes, Biggart and Abbaspazadeh are convinced that the student exchange will keep alive a lifeline of understanding between two countries in crisis.

“This exchange provides us with an opportunity to break through the stereotyping and posturing that occur between Iran and the United States,” Biggart said. “I believe the personal commitment of Reza through his scholarships plus the institutional bonds between the universities can create relationships that will have positive, long-term resonance.”

OLD LANGUAGES, NEW IDEAS
MUNIRA AL SHEHHI OF OMAN AND MARYAM IRAJ YASSIR OF PAKISTAN HAVE ARRIVED AT UC DAVIS KNOWING THAT

they are here on a mission to help transform UC Davis students.

Hailing from two geopolitical hotspots, the Middle East and South Asia, Al Shehhi and Yassir are spending a year as Fulbright foreign language teaching assistants. Their job is to help provide first-time instruction in Arabic and Hindi/Urdu for the two-year-old Middle East/South Asia Studies Program.

But these two women will also be living at the Colleges at La Rue, an undergraduate community that emphasizes cross-cultural exchange and leadership. They will be sharing tea, ideas and friendship with students who may have never met a Muslim before.

“The objective of a teacher is to accustom the students with other cultures apart from his own,” Yassir says.

The two graduate students’ arrival is part of the campus internationalization initiative, which includes a new emphasis on Middle East and South Asia studies.

“It’s absolutely essential, especially now, for universities to create deeper understanding about the role of the U.S. in the world, as well as knowledge of diverse perspectives, languages and religions,” says Nicole Ranganath, director of international initiatives on campus.

“That is why we brought Munira and Maryam here—to help us build a stronger international bridge.”

Nicole Biggart (right) learned from Iranian students Elham Moore (middle) and Afn Afn on her recent trip to Iran.
WHAT WILL IMPROVE THE QUALITY OF LIFE FOR OUR REGION AND OUR WORLD?

TO YOUR HEALTH!
THINK OF SUSAN EBELER AND ANDY WATERHOUSE NEXT TIME YOU SIP A GLASS OF RED WINE. THESE TWO WINE CHEMISTS IN THE NATION’S premier wine research program are teasing out the chemical secrets of wine, hoping to discover how certain compounds may help prevent cancer and heart disease.

Waterhouse studies the possible health benefits of a group of chemicals in wine called “phenolics,” which prevent the oxidation process that can clog human arteries and cause heart attacks. He has explored how phenolics work, which ones are likely to offer the greatest health benefits and how farming practices may affect the concentration of these compounds in wine grapes. He also has studied the feasibility of labeling some foods and beverages to let consumers know their phenolic content.

Meanwhile, Ebeler has shown that wine rich in the potent antioxidant “catechin” can delay tumor formation in laboratory mice. Her research team is now exploring how various wine-processing techniques may impact the protective qualities of catechin, and how catechin and related compounds may prevent cancer.

There’s part of a growing body of research that suggests how the foods and beverages we enjoy may also hold the key, at least in part, to better health and longer life.
**SHAKESPEARE GOES TO SCHOOL**

Beginning this year, Sacramento-area students facing Hamlet’s soliloquy or a Shakespearean sonnet will have a lot of help understanding

not just the words but the relevancy of the 17th-century genius to their lives.

A new agreement between the Globe Theatre of London and UC Davis will bring enriched understanding of the bard and his era to UC Davis and high school students in the surrounding eight-county region. UC Davis, in fact, is the only university in the West with a formal relationship with the Globe.

Plans call for undergraduate and graduate classes at UC Davis, teacher training here and in London, and scholar exchanges and courses for graduate students at the re-created Elizabethan theatre in London.

The campus will also have access to the Globe Theatre’s extensive educational resources.

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**HAPPY JACK HOME TO PLAY**


An irritating middle-of-the-night cough had rapidly developed into a fever and lung inflammation. Jack’s lungs were filling with fluid as infection spread throughout his body. The 16-month-old dog was rushed to UC Davis, where a mechanical ventilator offered his only chance for survival.

Jack’s system was beginning to shut down, so veterinarians in the intensive care unit quickly administered antibiotics and fluids to deal with the infection, supported his lungs with the ventilator and provided 24-hour monitoring and one-on-one care.

After five days on the ventilator and an additional week recuperating, Jack went home to owners Jeannie Dixon and Ken Sellai. It is unclear exactly what started Jack’s illness, perhaps a snuffed-up piece of paper triggered coughing and vomiting, which caused him to aspirate fluids and food particles into his lungs. UC Davis veterinarians are exploring underlying causes that might explain why the infection hit Jack so hard.

Meanwhile, Jeannie and Ken are just delighted that a mechanical ventilator, a team of highly trained veterinary professionals and a lot of TLC brought the world’s “most willing and agreeable dog” back home to play.
ACHIEVEMENTS

WINTER

HEART-HEALTHY CHOCOLATE
In a multifaceted study involving the Kuna
Indians of Panama, an international team of scientists,
including participants from UC Davis and Harvard Med-
ical School, has pinpointed a chemical compound that is in
part responsible for the heart-healthy benefits of certain coca and some choco-
late products.

WOMEN IN CORPORATE LEADERSHIP
A first-of-its-kind study examines the extent of
women’s participation in corporate leadership in California—with Graduate School of Management
researchers finding that women held only 10.2
percent of the combined board seats and highest-
ranking researchers finding that women held only 10.2
percent of the combined board seats and highest-

SPRING

CLEAN ENERGY
California Governor Arnold Schwarzenegger
visited UC Davis to celebrate its receipt of
$1 million from the California Clean
Energies Fund to establish the world’s leading university
center of excellence in energy efficiency.

HIGH-ACHIEVING ATHLETES
A look at students who entered as fas-
freshmen in 2000 showed that 85
percent of student-athletes graduated
within five years, compared with 75 percent of nonathlete students. UC Davis will complete its transition to NCAA Division 1 in Fall 2007.

SUMMER

GADYS VALLEY HALL
Six Percheron horses, pulling a wagonload of
dignitaries, kicked off dedication ceremonies for
Gadys Valley Hall, the School of Veterinary Med-
icine’s newest and most environmentally sophis-
ticated building. The larger building will create a
positive impact for teaching support and will allow
for larger class sizes to help meet California’s need for more
veterinarians.

PRICLESS ARTIFACTS
UC Davis announced its
acquisition of a priceless collection of Western Ameri-
cana more than 21,000 volumes, American Indian
baskets and pottery of the Southwest and Northwest
Coast tribes, western art-
work and other rare items.
The collection is a gift from the
estate of Michael and Margaret B. Harrison.

NATIONAL CHAMPS
The UC Davis Cycling Club took the Division I
crown at the 2006 USA Cycling Collegiate Road
National Championships.

TEACHING TEACHERS
Dolly and David Fiddyment gave $1.09
million to the School of Education to cre-
te its first endowed chair, one of only a
handful nationwide focused on teacher education. The Fiddyments’ gift is the largest the school has received to date.

EARLIER OVARIAN CANCER DETECTION
Researchers, led by UC Davis chemistry professor
Carlito Lebrilla and Cancer Center biochemist
Suzanne Miyamoto, identified a biomarker profile
test for ovarian cancer, an advance that may lead
to an early test for the disease.

ENCOURAGING BRAIN DEVELOPMENTS
Researchers discovered nerve cells in the retinas
of elderly mice show a burst of growth late in
life. Nerves of the eye are a part of the brain, so
the discovery means that it might be possible to encourage other parts of the aging brain to grow back. Preliminary evidence shows the same pro-
cess takes place in the eyes of elderly humans.

FALL

RENEWABLE ENERGY RESEARCH
Chevron Corp. will fund up to $25 million in
research at UC Davis over the next five years to
develop affordable, renewable transportation fuels
from farm and forest residues, urban wastes and
crops grown specifically for energy.

TAHOE CENTER OPENS
The earth-friendly Tahoe Center for
Environmental Sciences opened its
doors. A partnership with Sierra Nevada
College, University of Nevada, Reno, and Desert Research
Institute, the build-
ing is home to a
state-of-the-art research laboratory, hands-on
public museum and college classrooms.

RESEARCH FUNDING INCREASES AGAIN!
UC Davis received $544 million in
research awards in 2005-06, an increase
of 8 percent for the year and 82 percent
over the past five years.

STEM CELL CENTER
The National Institutes of Health named UC
Davis as part of a national consortium that will
transform how clinical and translational
research is conducted. The university will receive $28.8 million over the next five years.

CELEBRATING 25 YEARS
The UC Davis Graduate School of Management
marked 25 years of growth and accomplishment with a
two-day Silver Anniversary celebration.

TOP HOSPITAL
The UC Davis Medical Center ranks among the top
50 hospitals in America, according to the annual
survey by health-care safety and quality coalition,
the Leapfrog Group. U.S. News & World Report also
ranked the Medical Center among the top 50 hos-
pitals in the nation.

LARGEST FRESHMAN CLASS
UC Davis enrolled 5,351 new freshmen—the
largest freshman class in the history of the uni-
versity system—and had a record campus enroll-
ment of 30,975 students this fall.
The amount raised marks the second-highest yearly total for UC Davis and represents an increase of more than $2 million—or 3 percent—above the previous year’s total. It also marks the fourth consecutive year that philanthropic support has increased and includes 16 donors who provided gifts or pledges of $1 million or more—a UC Davis record.

Chancellor Larry Vanderhoef was enthusiastic about the possibilities created by the charitable gifts and grants directed at UC Davis.

“This generosity underscores the trust donors have in our faculty to conduct transformational teaching and research, and the faith they have in the quality and promise of UC Davis students,” Vanderhoef said. “Every dollar given to UC Davis makes an impact that reverberates far beyond the university.”

Gifts and philanthropic grants received reflect a variety of interests from scholarships to cancer research. They raised the university’s presence in specific areas, such as teacher education, international economics and American history, while unrestricted gifts gave UC Davis the flexibility to address campus priorities and respond to emerging opportunities.

Each of the university’s colleges and schools received significant financial support, with the Health System raising the highest amount at more than $23 million, followed by the College of Agricultural and Environmental Sciences at $15.7 million and the School of Veterinary Medicine at $14.7 million.

Gifts ranged from $20.06, the amount that some graduating seniors donated in honor of their class year, to a $4.4 million bequest from Theodora Peigh to the School of Veterinary Medicine.

Peigh, through her estate, is one of the second-highest single donors for UC Davis.

\[ Continued \]

### UC Davis Annual Report 2005-2006

**Campus Financial Highlights**

**Total Revenues Increased by $67 Million from 2005 to 2006, Including a 4.4 Percent or $20 Million Increase in Funding from the State of California. In addition, revenue from student fees and tuition increased by $20 million. Private gifts, grants and contracts decreased by $6 million, while revenues from the federal government increased by $8 million and self-supporting activities on campus increased revenues by $3 million. Medical Center revenues were unchanged at $860 million, and revenues from other sources went up by $19 million.**

### UC Davis 2005-06 Budget (in Millions)

<table>
<thead>
<tr>
<th>REVENUES (IN MILLIONS)</th>
<th>OPERATING EXPENDITURES (IN MILLIONS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal Government $295</td>
<td>Medical Center $206 (12.7%)</td>
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<tr>
<td>State Government $462</td>
<td>Instruction $279 (17.6%)</td>
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<tr>
<td>Medical Center $862</td>
<td>Research $409 (27.2%)</td>
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<td>Private Gifts, Grants, Contracts $273 (18.6%)</td>
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<td>Auxiliary Enterprises $87 (2.7%)</td>
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<td>Local Government, Other $335 (2.5%)</td>
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<td>Individuals $2,303 (19.1%)</td>
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<td>Foundations $228 (1.7%)</td>
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<tr>
<td>Individuals $5,614 (44.8%)</td>
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### UC Davis Phalanx—Sources and Purpose of Gifts

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<th>NUMBER OF DONORS</th>
<th>NUMBER OF GIFTS BY FUND SOURCE</th>
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<td>Foundations 16,903 (35%)</td>
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<td>Corporations 1,008 (35%)</td>
<td>Corporations 1,208 (2%)</td>
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</tbody>
</table>

### UC Davis Fundraising Momentum Continues

With the help of nearly 50,000 alumni, parents, students and friends, UC Davis raised more than $81.5 million in philanthropic support during the 2005-06 fiscal year.

The New Morris Fountain (left) was erected outside the Mondavi Center this year, thanks to a generous gift from Mary Ann Morris. Animal health technician Dawnie Kopper gives Theodora Peigh’s horse, Ked, some attention after a grooming session at the center for equine health.
**RESEARCH AT UC DAVIS**

For the second consecutive year, research funding from external sources exceeded the half-billion-dollar mark, emphasizing UC Davis’ place among the premier research institutions of the world. The campus received a record $544 million in research funds in 2005-06, representing an almost 8 percent increase over the previous year’s total.

Growth in sponsored research programs continues across a wide range of disciplines, reflecting the breadth of UC Davis research efforts. Projects that focus on addressing world challenges and improving quality of life, in particular, saw increases.

But the year’s accomplishments go beyond dollars secured. UC Davis has increased its partnerships with state and industry sponsors to ensure mutually beneficial relationships and enhanced service to California. The Office of Research’s Technology Transfer Office has increased its partnerships with state and industry sponsors to ensure mutually beneficial relationships and enhanced service to California. The Office of Research’s Technology Transfer Office has increased its partnerships with state and industry sponsors to ensure mutually beneficial relationships and enhanced service to California. The Office of Research’s Technology Transfer Office has increased its partnerships with state and industry sponsors to ensure mutually beneficial relationships and enhanced service to California.

To better prepare future researchers, the Office of Research launched two new training programs: the Laboratory Management Institute (LMI) and the Responsible Conduct of Research (RCR) program. These programs provide graduate and postdoctoral scholars with tools to become more effective and conscientious research citizens and laboratory managers.

**UC DAVIS RESEARCH BY THE NUMBERS**

### Extramural Funding by Source (in Millions)

<table>
<thead>
<tr>
<th>Source</th>
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<td>Higher Education</td>
<td>$7.51</td>
<td>15%</td>
</tr>
<tr>
<td>University of California</td>
<td>$6.96</td>
<td>13%</td>
</tr>
<tr>
<td>Other</td>
<td>$20.37</td>
<td>39%</td>
</tr>
<tr>
<td>Other Gov.</td>
<td>$22.60</td>
<td>44%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$84.16</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

### Extramural Funding by Distribution (in Millions)

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount (in Millions)</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>School of Medicine</td>
<td>$135.64</td>
<td>25%</td>
</tr>
<tr>
<td>College of Agriculture and Environmental Sciences</td>
<td>$117.00</td>
<td>22%</td>
</tr>
<tr>
<td>College of Biological Sciences</td>
<td>$45.91</td>
<td>8%</td>
</tr>
<tr>
<td>College of Letters and Science</td>
<td>$41.17</td>
<td>8%</td>
</tr>
<tr>
<td>College of Engineering</td>
<td>$52.26</td>
<td>10%</td>
</tr>
<tr>
<td>School of Veterinary Medicine</td>
<td>$80.40</td>
<td>15%</td>
</tr>
<tr>
<td>Office of the Provost</td>
<td>$22.93</td>
<td>5%</td>
</tr>
<tr>
<td>College of Letters and Science</td>
<td>$31.56</td>
<td>6%</td>
</tr>
<tr>
<td>School of Veterinary Medicine</td>
<td>$80.40</td>
<td>15%</td>
</tr>
</tbody>
</table>

Continued on next page

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**FUNDRAISING (CONTINUED)**

**UC DAVIS PHILANTHROPY – DONORS AND ENDOWMENT GROWTH**

<table>
<thead>
<tr>
<th>Source of Gifts (in Millions)</th>
<th>Amount (in Millions)</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundations</td>
<td>$10.17</td>
<td>20%</td>
</tr>
<tr>
<td>Corporate</td>
<td>$40.51</td>
<td>81%</td>
</tr>
<tr>
<td>Individual</td>
<td>$12.11</td>
<td>24%</td>
</tr>
<tr>
<td>Other organizations</td>
<td>$12.43</td>
<td>25%</td>
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**Purpose of Gifts (in Millions)**

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Amount (in Millions)</th>
<th>Percentage</th>
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</thead>
<tbody>
<tr>
<td>Research</td>
<td>$44.08</td>
<td>88%</td>
</tr>
<tr>
<td>Instruction</td>
<td>$8.96</td>
<td>17%</td>
</tr>
<tr>
<td>unrestricted</td>
<td>$1.85</td>
<td>4%</td>
</tr>
<tr>
<td>campus improvement</td>
<td>$4.63</td>
<td>9%</td>
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</tbody>
</table>

The 16 donors who provided gifts, philanthropic grants or pledges of $1 million or more. All were received in the 2005-06 fiscal year that ended June 30, and included:

- A priceless collection from the Michael Harrison Estate to complete the transfer of the Michael and Margaret B. Harrison Western Research Center Collection to the UC Davis General Library. The Western Americana collection includes more than 21,000 volumes, Native American baskets and pottery, western artwork and other rare items.
- $2.6 million from the American Cancer Society Inc. to the School of Medicine and College of Biological Sciences.
- $1.65 million from the William and Inez Mabie Family Foundation toward the School of Law building expansion initiative.

Philanthropic support established new endowed chairs, including the Dolly and David Fiddymond Chair in Teacher Education, the W.K. Kellogg Endowed Chair in Sustainable Food Systems and the Bryan Cameron Distinguished Chair in International Economics.

“I believe in contributing to those institutions that have made an impact in my life,” said donor and UC Davis alumnus Bryan Cameron ’80. “And I believe in the excellence in teaching and research in the UC system and in UC Davis.”

Cameron is the co-director of research for Dodge & Cox Inc., a large investment management firm.

Meanwhile, the UC Davis Annual Fund had its best year on record, increasing 5 percent from the prior year, to a total of nearly $1.85 million. More than 19,000 individuals contributed to the fund, which provides flexible support to areas where the need is greatest.

“Our donors are helping us build a better future for California and the world,” said Vanderhoef. “We are grateful to everyone who supports UC Davis.”

LEFT TO RIGHT: MABIE LAW LIBRARY DEDICATION, THE NEW MULTI-USE STADIUM, BRYAN CAMERON AND HIS NIECE
and students with information, training and tools to address the increasingly complex issues they will confront during their research careers, including data management, mentor/mentee relationships, authorship and publication, research misconduct, entrepreneurialism, and intellectual property, and conflict of interest. LMI was established in August 2005 to help scientists learn about best practices and acquire leadership, management, innovation and mentoring skills to advance their science and careers. Many scientists find the most difficult challenges to overcome in the laboratory have less to do with their scientific ability than with their ability to manage resources and to lead teams of laboratory personnel effectively. The new and innovative LMI curriculum includes LabAct and LabTrek laboratory exercises that use LMI specialists trained as actors in scenes that offer solutions to real managerial problems. LMI leadership developed this novel teaching method so that scientists could study management through a familiar framework—the scientific method.

This year, 22 students graduated from the yearlong LMI program, and 185 students, researchers and staff attended the monthly RCR brown-bag sessions. LMI has received attention from the national press, including the Chronicle of Higher Education and Nature. In collaboration with UC Davis Extension, LMI provided a certificate program for professionals that was attended by people from as far away as Mali, West Africa.

The Office of Research is looking forward to the coming year and the potential for new and richer collaborations between UC Davis and the research community that will continue to provide bold answers to today’s big questions.

UC DAVIS RESEARCH BY THE NUMBERS

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>$100</td>
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<tr>
<td>$150</td>
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<tr>
<td>$200</td>
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<td>$250</td>
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<tr>
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<table>
<thead>
<tr>
<th>TECHNOLOGY TRANSFER</th>
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<tbody>
<tr>
<td>2004-05* (TOTAL ACTIVE)</td>
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<tr>
<td>Inventions.................. 168 (862)</td>
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<tr>
<td>U.S. applications, first filings........... 79</td>
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<tr>
<td>U.S. applications, secondary filings......... 79</td>
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<tr>
<td>U.S. patents............... 49 (405)</td>
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<tr>
<td>Foreign patents filed ........... 47</td>
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<tr>
<td>Foreign patents............... 65 (424)</td>
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<td>Licensing agreements........... 68 (399)</td>
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<table>
<thead>
<tr>
<th>2004-05* TECH TRANSFER FINANCIALS (IN MILLIONS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Income from royalties............. 59,912</td>
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<tr>
<td>Operating expenses................. 51,062</td>
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<tr>
<td>Net legal expenses................. 12,647</td>
</tr>
<tr>
<td>Income available for distribution . 54,563</td>
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*2005–06 data were not available at press time. Please visit www.research.ucdavis.edu for the latest information.