

INSIGHT

College of Veterinary Medicine
and Biomedical Sciences

Spring 2004




**Special Issue:
Report on Private Giving**

**Colorado
State
University**

Knowledge to Go Places

INSIGHT
 Volume 31 Number 1
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COLLEGE OF VETERINARY MEDICINE
 AND BIOMEDICAL SCIENCES

On the cover: Jensen Stulp, a junior in the Professional Veterinary Medical Program and president of SCAVMA, examines Kochia at the James L. Voss Veterinary Teaching Hospital. Stulp is very active in volunteer activities and is just one example of the many PVM students who give of their time to help others.

REPORT on PRIVATE GIVING

The *Report on Private Giving* is published once each year by the College of Veterinary Medicine and Biomedical Sciences, Colorado State University, as a special edition of *Insight*.

Visit us on the Web at www.cvmb.colostate.edu

Welcome to the 2004 *Insight/Report on Private Giving*. In this special edition of *Insight*, we recognize and thank those who have given so generously to the College during the past year. Thanks to your contributions, we were able to maintain and grow our scholarship programs, enhance and expand our veterinary and biomedical sciences research projects, and invest in the infrastructures that make our success possible.

In this edition, you'll also read about our student philanthropists – those students who donate their time, creativity, and energy to make this world a better place. While we recognize the many gifts that help our students, we also want our donors to know that our students appreciate what they have been given and work hard to give something back to the community. Whether that is taking a therapy animal to a nursing home to cheer up residents or coordinating a special event to raise money for the Larimer County Search and Rescue, volunteering in a pet hospice program or “baby-sitting” sick foals – our students are philanthropists in training and already recognize the importance of giving to others.

We welcome your questions and comments on both *Insight* and its contents and the *Report on Private Giving*. If you'd like to get in touch with us, please send your correspondence to:

Insight Correspondence
 Office of the Dean
 W102 Anatomy/Zoology
 College of Veterinary Medicine and Biomedical Sciences
 Colorado State University
 Fort Collins, CO 80523-1601

You can e-mail *Insight* comments to Paul Maffey, Director of Development for the College at rpmaffey@colostate.edu. We also invite you to visit our Web site at www.cvmb.colostate.edu. ■

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Message from the Dean

Dear Friends,

The annual *Report on Private Giving* is not only an opportunity for the College to say thank you to all our wonderful donors, it is a chance for us to inform you about the state of the University. As long-time supporters of this University and this College, I know you take an interest in our welfare. After all, you are investing in us and expect a return on that investment, whether through a student who graduates with the help of scholarships or through a veterinary medical breakthrough made possible with private gifts.

If you are familiar with the book *Who Moved My Cheese?* it might give you some idea of what we are facing here at the College. The book is about two little people and two mice that go through a maze each day to eat at a cheese station. One morning, they arrive at the cheese station to find it empty – someone has moved their cheese! It's an apt metaphor for what is happening to higher education in Colorado – the cheese moved, and we have to go through the difficult process of finding new ways to “feed” our organizations.

A few hard facts will give you an idea of the challenges with which we must contend. Colorado ranks 47th nationwide in higher education appropriations per capita. The State has cut higher education funding by more than 22 percent in the last two years. To be sure, the State Legislature is caught between a rock and

a hard place. In Colorado, funding for higher education is discretionary and not a legal necessity as required by law for programs including K-12, Medicaid, and corrections. Funding for higher education is dramatically affected not only by the current economy but also by various pieces of legislation that inadvertently move money out of higher education.

At Colorado State University and the College of Veterinary Medicine and Biomedical Sciences, we are tackling this challenge on a number of fronts. First, University officials are working closely with the State Legislature, the Joint Budget Committee, the Colorado Commission on Higher Education, and our lobbyists to stem the flow of resources from higher education. Second, we are aggressively pursuing other funding sources – including federal research grant dollars – to maintain and enhance our existing programs. Third, we are asking our donors to continue to invest in the University and in the College. Your gifts make possible today much of the groundbreaking work in scientific and medical research, enhance outreach programs, and fund the scholarships that make an education possible for many of our students.

To that end, this year on the whole has been positive. While the overall amount of private giving in 2003 is down as compared to 2002, our research funding is up. And we realize that for the College, this was a year of transition and planning as we refocused our efforts on our next project, the campaign to fund needed facilities and renovations at the South Campus, including renovations within the James L. Voss Veterinary Teaching Hospital.

We hope that you will continue to invest in us. We believe you receive a great value for your investment, and we will work hard to make sure we have a partnership that allows us to work together, keeps you informed of our progress, and furthers your and our societal goals.



Dr. Lance Perryman

In this edition of *Insight/Report on Private Giving*, we will give you a sense of how your investment already is paying off. We feature a number of stories about students and student organizations that are helping out in the community through their own philanthropy and volunteerism. You are their first teachers in what can be accomplished when you invest your time and resources in the right places.

Again, I'd like to thank you for your continued support of the College of Veterinary Medicine and Biomedical Sciences. In these especially challenging times, your friendship, encouragement, and gifts are even more valuable than you might know. We also hope that you will make your voices heard as we work with our elected officials to make higher education a priority in Colorado. ■

With Best Wishes,

A handwritten signature in black ink that reads "Lance E. Perryman". The signature is fluid and cursive.

Lance E. Perryman, DVM, PhD
Dean

“In these especially
challenging times,
your friendship,
encouragement and gifts
are even more valuable
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S CAVMA Supports Volunteer Efforts, Introduces Students to Professional Organizations



When he's not caring for patients like Kochia at the James L. Voss Veterinary Teaching Hospital, Jensen Stulp volunteers his time and energies as president of SCAVMA, the Student Chapter of the American Veterinary Medical Association.

The Student Chapter of the American Veterinary Medical Association (SCAVMA) is the umbrella organization for student clubs and volunteer efforts of students enrolled in the Professional Veterinary Medical Program. SCAVMA is primarily funded through the Hills Pet Food Program. The company donates pet food that then is sold by SCAVMA students to support the work of the association.

"The Colorado State SCAVMA is one of the strongest in the nation with 19 clubs and many extracurricular activities that enrich the education of our veterinary students," said Jensen Stulp, a junior in the PVM program and president of SCAVMA. "A majority of our students do belong to SCAVMA and not only benefit from the activities associated with the club but also from the professional affiliation with the AVMA."

SCAVMA supports student clubs ranging from the Association of Equine Practitioners to the Zoological Medi-

"A majority of our students do belong to SCAVMA and not only benefit from the activities associated with the club but also from the professional affiliation with the AVMA."

petting zoo, and student clubs set up booths in a central fair area to promote their activities and create community awareness.

- Vet Text & Supply – This shop for students offers books, notes, medical equipment, and logo clothing.

SCAVMA subsidizes Vet Text so students can get the lowest cost possible.

- Companion Care Fund – This "Good Samaritan" fund provides emergency funding for individuals who cannot afford the cost of their animal's care.

- Technology Fund – The Technology Fund helps the College buy advanced equipment for use in the Professional Veterinary Medical Program, as well as purchase pertinent seminar series, as budgets allow. The primary goal is to bring the latest technology to students to ensure that when they graduate they will bring with them the advanced technological skills that are demanded in the practice of veterinary medicine today.

For Stulp, who is from Lamar, Colo., and also serves on the Honor Board and Board of Directors for Vet Text & Supply, SCAVMA is an important part of his PVM education.

"I really enjoy being active and helping others," Stulp said. "SCAVMA offers so many opportunities for volunteers to make a difference not only in our veterinary community but in the larger social community as well. It gets a little busy juggling SCAVMA activities and being a veterinary student, but the rewards are definitely worth it."

For additional information on SCAVMA, contact Stulp at jensens@colorado-state.edu. ■

cine Society. While some of the clubs focus more on professional development, others include a community service perspective in their mission. In addition to supporting student

clubs, SCAVMA offers a number of community outreach events and a chance for veterinary students to develop a professional affiliation with the American Veterinary Medical Association.

Activities of SCAVMA include:

- Dog Health Day – An annual event, Dog Health Day brings owners and their pets to the James L. Voss Veterinary Teaching Hospital for a variety of services including dental check-ups, physicals, grooming, behavioral assessments, and more. Donations are accepted for services, and last year more than \$4,500 was raised. Half of the proceeds from Dog Health Day went to support the Larimer County Health and Rescue Service and half went to support the Pet Hospice Program at Colorado State.

- Open House – During this event, the hospital is open to the community for tours and a chance to see what goes on behind the scenes at the Veterinary Teaching Hospital. Visitors can enjoy a

Students Brighten Lives of Nursing Home Residents

It's Saturday morning, and CSU veterinary student Mike Morrow has arrived at the Blue Grouse Nursing Home with his cat, Ziggy. The reception is warm as Morrow and Ziggy make the rounds, Morrow chatting and Ziggy soaking up ear rubs, soft strokes on his fur, and words of endearment. For residents of the home, a visit from Morrow and his cat is a chance to remember and relive some precious memories of their own companion animals, especially at a time and place in their lives when they are unable to have pets.

Morrow, a sophomore in the Professional Veterinary Medical Program, is the pet therapy coordinator for Students for Human-Animal Relationship Education (SHARE), one of many student organizations at the College of Veterinary Medicine and Biomedical Sciences involved in community outreach and education. SHARE volunteers – along with their behavior-certified cats, dogs, and rabbits – visit Fort Collins area nursing homes twice a month, sharing some four-legged love with the residents.

“It really is a wonderful experience for our volunteers, their companion animals, and the people living in the homes,” said Morrow. “Our animals first are certified through behaviorists to ensure that the animals’ temperament and behavior is compatible with nursing home visits, then it’s off to work. When we visit a home, we take the animals around and invite residents to pet them and chat with them. They don’t get to see animals very often, if at all, and they really enjoy just laying their hands on the animals, feeling their texture and



Mike and Ziggy visit with a Blue Grouse resident.

softness. It makes them smile and adds to the quality of their life.”

Medical research has shown that the presence of pets in our lives can lower blood pressure, relieve depression, improve quality of life, and add to our longevity. For stroke victims, pet therapy helps in rehabilitation and improves the results of physical therapy. For Morrow, the smiles on the residents’ faces are all the proof he needs to know that what he and Ziggy are doing is making a difference.

Though an important component of their mission, nursing home visits are not the only way in which SHARE volunteers work to improve the world around them. The organization sponsors community

events, including public and student lectures. In February, SHARE brought Dr. Alan Beck, a nationally known expert in the human-animal bond, to the University for a series of public and student/faculty lectures. SHARE also is partnered with the Argus Institute for Families and Veterinary Medicine and is the task force and primary volunteer pool for the Colorado Pet Hospice Program. This newly introduced program brings veterinary students into client homes to provide care and support for ill animals, as well as emotional support for their owners. For Morrow, Pet Hospice provides another opportunity for veterinary students to connect to the larger community.

“It’s pretty wonderful to feel like you are making a difference in the lives of animals and the people who love them,” Morrow said. “For us, we not only enjoy helping, but SHARE provides relief from the pressures of school. SHARE helps us to see the bigger picture of the importance of our chosen profession, something that can get lost if you don’t get out of the vet school once in a while.”

SHARE is funded in part through a grant from the Colorado State University Student Chapter of the American Veterinary Medical Association. In addition, SHARE holds fundraisers such as pet Christmas stocking and ClayPaws sales to support its programs. For additional information about SHARE, contact club president Nicole Wilkerson at nahud@aol.com. ■

“It’s pretty wonderful to feel like you are making a difference in the lives of animals and the people who love them.”



Veterinary Students Tackle Pet Overpopulation Problem in Mexico

Any American tourist who has visited Mexico has seen the dogs of Mexico – lanky, thin mutts of all shapes, sizes, and colors. In Mexico City alone, an astounding three million stray dogs roam the barrios and boulevards. Even with 18,000 dogs put to death each month at municipal pounds just in Mexico City, the number of homeless and starving dogs continues to rise. In rural Mexico, the problem is just as severe, though reliable statistics are unavailable. The problem has called for rash and severe measures from the government – the hunting and killing of dogs to protect human life.

A group of Professional Veterinary Medical students at Colorado State University is hoping to find a better way – not only for dogs, but for people, too. The volunteers are members of Veterinarios Internacionales Dedicados a Animales Sanos (VIDAS), or International Veterinarians Dedicated to Animal Health. VIDAS goes into small communities often under very difficult conditions to provide basic veterinary care where there is none available.

“The mission of our group is to end the needless suffering of dogs and cats throughout the developing world by pre-

venting unwanted litters and providing basic veterinary care,” said Cristina Gutierrez, a junior student and founding member of VIDAS. “We are accomplishing this through free services including health exams, vaccinations, spay and neuter clinics and, most importantly, education. We are focusing on developing countries because the need is so great. They simply don’t have the resources or humane organizations that we have in this country to even begin to improve the situation.”

Gutierrez became involved with international relief groups when she worked at the Boulder Valley Humane Society and volunteered for the Yucatan Animal Rescue Foundation, which provided free veterinary clinics in Mexico. When that organization dissolved, Gutierrez and her co-founders were determined to continue the work and rounded up volunteers, organizers, sponsors, and donors. VIDAS was the result of all their hard work. Last summer, the group sponsored its first two clinics in Mexico with 13 volunteers, including three surgeons. They provided spaying and neutering to 300 animals, as well as vaccinations, and medical care for parasites and other health conditions. More importantly, said Gutierrez, the group educated the children of the communities that hosted the clinics.

“We really feel that the only way we can find a long-term solution to this problem is education,” said Gutierrez. “To that end, we are developing school programs and reaching out to the children who bring their pets to our clinics. We provide them with educational materials in Spanish and help them to understand why having

“We really feel that the only way we can find a long-term solution to this problem is education. To that end, we are developing school programs and reaching out to the children who bring their pets to our clinics.”

their pet spayed or neutered is a good thing. In turn, they can teach their parents and help to turn around destructive beliefs that unintentionally condemn millions of animals to a life of misery and suffering.”

VIDAS currently is planning two additional trips to Mexico in May 2004 and in the fall of 2004 and also would like to expand its services to other Central and South American countries. Support for VIDAS’ work is needed in terms of equipment, sponsors, volunteers, and donations. VIDAS also offers an “adoption” program. Donors can sponsor medical services for an animal and then will receive a photo of “their” animal at the clinic. For additional information on VIDAS, you can visit the VIDAS Web site, complete with photos, organization information, and donor forms, at www.vidas.org.

VIDAS volunteers are:

- PVM Class of 2005 – Cristina Gutierrez, Ruth Parkin, Robyn Gajdosik, Celeste Park, Meghann Berglund, Erika Hartle-Schutte, and Naomi Weber
- PVM Class of 2004 – Ginny Gill and Melissa Vollaire
- PVM Graduates – Dr. Lesli Hick and Dr. Jen Swiderski
- CSU Veterinary Teaching Hospital Staff – Pam Vogel
- CSU MBA program – Dr. Lisa McCarthy ■



A young boy waits with his dog at the VIDAS clinic in Chemuyil, Mexico. VIDAS neutered and vaccinated the puppy, and provided deworming, heartworm, and tick preventive medications.

Mystery Leads to Creation of International Veterinary Aid Organization

Most visitors to Easter Island go with the single purpose of seeing the mysterious moai, the stone monolithic statues shrouded in mists of inscrutability that dot the hills and cliffs of the island. But Dr. Jon Arzt isn't your everyday tourist. He came looking for hairy footwarts and left with a mystery almost as confounding as the origins of the moai.

Dr. Arzt, who now is working on a combined PhD/anatomical pathology residency in the College of Veterinary Medicine and Biomedical Sciences, was doing some research in Chile in 1998 on hairy footwarts, an important disease of dairy cattle, when he found himself with a bit of free time. Drawn to exotic places, he thought a trip to Easter Island, known locally as Rapa Nui, would be an interesting diversion and maybe even yield another population source of hairy footwarts.

Armed with his sample collection tools, Dr. Arzt arrived in Rapa Nui, where locals informed him they didn't have anything like hairy footwarts but had this "mad cow" and "mad horse" disease that was killing horses and cattle. Symptoms included progressive staggering, blindness, and jaundice leading to coma and eventually death. Concerned and intrigued, Dr. Arzt launched an investigation and uncovered the true source of illness – ingestion of a plant called cho cho (*Crotalaria grabamiana*) that was introduced to the island 20 years ago to control erosion. While solving the toxic plant mystery was satisfying, it didn't alleviate the suffering of the animals, and Dr. Arzt wanted to do more for the inhabitants of the small island. Rapa Nui has a population of approximately 2,500 people and approximately 4,000 horses and cattle.

"Basic, primary veterinary care was almost completely unavailable on Rapa Nui," said Dr. Arzt. "While investigations of problems are relatively easy to fund, when you make the transition from data collection to remedy, the funding starts to fail. That's why I created Veterinary

Relief International – to take the next step from investigation to mitigation."

Primarily using his own funds, Dr. Arzt set to work on Rapa Nui, incorporating a multi-faceted approach for dealing with the island's veterinary concerns. In time, VRI grew and took on other projects, focusing on remote locales with little to no access to veterinary services. Today, VRI continues work in Rapa Nui as well as in rural Brazil; St. Paul, Alaska; Russia; and other isolated locations. Dr. Arzt works closely with veterinary students at CSU who start their own projects through VRI, including the students who founded VIDAS.

"An important part of what we do is motivate veterinary students to think about veterinary medicine in a more global manner," Dr. Arzt said. "VRI encourages students to be ambassadors for veterinary medicine who can take to less-developed regions some very basic principles of animal husbandry and veterinary care that can improve the quality of life for people and animals."

Current VRI projects include:

- Rapa Nui, Chile – Ongoing work includes cho cho eradication, livestock population control, improving grazing practices, spay/neuter clinics for cats and dogs, basic veterinary care to control internal parasites and provide vac-



Dr. Jonathan Arzt and senior veterinary student Allison Healy assist a Rapa Nui horse suffering from potentially fatal milkweed poisoning.

cinations, development of water sources, lobster repopulation, and securing funding for a permanent veterinary office on the island.

- St. Paul, Alaska – Dr. Terry Spraker has been visiting St. Paul since 1986. Though his work focuses primarily on assessing the causes of fur seal pup mortality, he provides veterinary care free-of-charge to cats owned by the 600 Aleut natives who live on the island. Dogs are not allowed on the island because of fears of disease transmission to the fur seal population. VRI supports Dr. Spraker's efforts by providing him with veterinarians to assist in his work with the Aleut cats and by providing surgical and medical equipment.

- VRI Student Externships – These student-led projects encourage PVM students to get involved with veterinary medicine on a global scale, especially in developing countries with little or no veterinary services. Students define, develop, and deploy individual projects with VRI support and guidance. Project locations include Rapa Nui, Chile; Saratov, Russia; Minas Geris and Bahia, Brazil; and Yucatan Peninsula, Mexico.

Dr. Arzt notes that though the task of providing help to animals in the developing world is daunting, the pay-off makes it worthwhile.

"Each time I go back to Rapa Nui, things look a little better, and I can truly see the impact we are having," said Dr. Arzt. "The horses don't look so bad, people are aware of the cho cho plant and are confining their animals to private pastures, and they are eradicating the plant. We don't try to change anyone's culture but work with them to alleviate simple, widespread problems that cause much pain and suffering for their animals."

To learn more about Veterinary Relief International, visit their Web site at www.veterinaryreliefinternational.com. To request a copy of their most recent newsletter, contact Dr. Arzt at jjarzt@earthlink.net. ■

C VMBS Vital Statistics

The College

The Veterinary School was founded in 1907 and renamed the College of Veterinary Medicine and Biomedical Sciences (CVMBBS) in 1967.

Undergraduate degrees have been offered through the College since 1967. The College comprises four academic departments and the Veterinary Teaching Hospital. The four departments are:

- Biomedical Sciences
- Clinical Sciences
- Environmental and Radiological Health Sciences
- Microbiology, Immunology, and Pathology

The College participates in the Western Interstate Commission for Higher Education (WICHE) program and serves as the regional veterinary school for nine western states: Alaska, Arizona, Hawaii, Montana, Nevada, New Mexico, North Dakota, Utah, and Wyoming.

The Staff

Number of faculty: 127
 Special appointment faculty: 71
 Research associates: 148
 Administrative and professional staff: 62
 State-classified support staff: 263
 Residents: 36
 Postdoctorates: 97

The Students

Undergraduates in Microbiology and Environmental Health: 346
 Graduate degree students: 302
 Biomedical Sciences Open Option students: 158
 Professional Veterinary Medical (PVM) students: 530

The Graduates

From 1907 to 2003, 5,995 graduates received Doctor of Veterinary Medicine degrees and 2,135 received advanced degrees (MS and PhD).

The Cost

2003-2004 Tuition and Fees

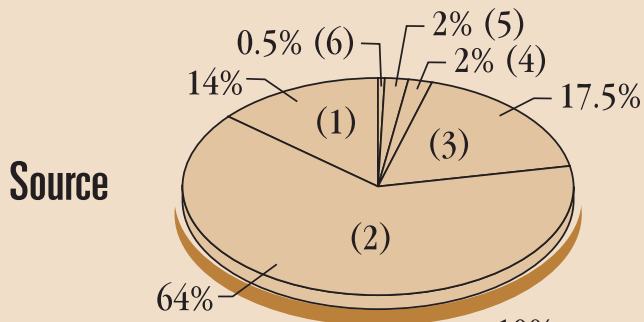
Undergraduate:	Resident	\$3,744
	Nonresident	\$14,216
Graduate:	Resident	\$4,186
	Nonresident	\$14,792
PVM:	Resident	\$10,914
	Nonresident	\$34,444

Priority Research/Other Programs

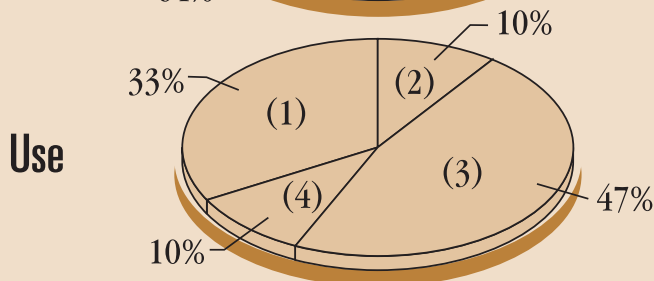
- Cancer: Its Causes and Treatments
- Environmental, Toxicological, and Radiological Health Sciences
- Infectious and Immunological Diseases
- Molecular, Cellular, and Integrative Neurosciences Program
- Reproductive Biology and Genetic Engineering
- Veterinary Medical Program
- Student Scholarship Support
- Orthopaedic Research Program
- Human-Animal Bond Programs ■

Report on Private Giving – Gift Analysis

Total: \$9,771,587 (Calendar Year 2003)



1. Business/Corporations – 14%
2. Friends – 64%
3. Foundations/Organizations – 17.5%
4. Alumni – 2%
5. Trusts/Estates – 2%
6. Faculty/Staff – 0.5%



1. Research – 33%
2. Student Assistance – 10%
3. Buildings and Equipment – 47%
4. Academic Programs – 10%

University Chairs and Professorships

The College of Veterinary Medicine and Biomedical Sciences is honored to have nine Named University Chairs and Professorships within its departments. University Chairs and Professorships are faculty positions that are funded through private endowments.

Faculty members selected for a Chair or Professorship are outstanding in their field of study, gifted teachers and researchers, and internationally known for their work. The title of University Chair is one of the highest honors Colorado State University can award to a faculty member.

The current Chairs and Professorships as of December 31, 2003, are:

- The John Alexander Chair in Large Animal Reproduction
- The Barbara Cox Anthony University Chair in Oncology
- The Barbara Cox Anthony University Chair in Orthopaedic Research
- The Hill's Professorship in Animal Biotechnology
- The General H. Norman Schwarzkopf Professorship in Surgical Oncology
- The Kenneth W. Smith Professorship in Small Animal Clinical Veterinary Medicine
- The Stuart Chair in Oncology
- The Mabel I. and Henry H. Traubert Professorship in Animal Genetics
- The University Chair in Orthopaedic Research

Additional new funds include Animal Pain Management, the Equine Reproduction Facility Building, Salmonella Food Safety Vaccines, the Equine Lameness Information Project, Mycobacteria Research Laboratories, and Biomedical Sciences/Plan B Masters. ■

Scholarships and Awards

One of the top priorities for the College of Veterinary Medicine and Biomedical Sciences is scholarship support for students in our undergraduate and graduate programs. Financial hardship is increasingly a restrictive factor for students seeking a degree, and the College and its donors are working hard to help as many students as possible overcome this burden.

This year, as in years past, support from donors to the College's scholarship program has increased. In the 2003-2004 school year, the College distributed 388 scholarships and awards, with a total dollar amount of \$968,228. This represents an increase of slightly more than 10 percent over the previous year. As tuitions continue to rise in response to budget cuts from the state, scholarships are especially important to students who are financially on the cusp and those struggling to meet the demands of family, school, and careers.

For many students, these scholarships mean the difference between successfully completing a degree and having to quit school for lack of resources. For these students, receiving a scholarship means opportunity. It's with this in mind that we thank all of you who contribute so generously to the scholarship and awards program.

We have a number of new scholarships to give special recognition to this year, including an expendable scholarship from the American Association of Small Ruminant Practitioners (AASRP Scholarship). We have one new endowed scholarship, the Brandy and Zombie Memorial Scholarship. Our new pending

endowed scholarships are the Leonard W. Pearce DVM Memorial Scholarship, John and Mildred Emerson Scholarship, Dr. Alan Tucker Memorial Scholarship, and Dr. A. Wendell Nelson Professional Veterinary Medical Student Scholarship. Thanks to each of you who helped to make these new scholarships available to our students.

Creating New Scholarships

Several ways exist for alumni, friends, corporations, associations, and organizations to create scholarships and fellowships at Colorado State University.

Expendable Fund

Expendable funds are used to create annual scholarships and fellowships. A minimum gift of \$1,000 opens a named scholarship expendable fund account.

Pending Endowment Fund

Pending endowment funds eventually become true endowment funds for scholarship use when gifts total \$25,000. A fund may be a pending endowment for a period not to exceed five years, with all earnings reinvested during the five-year period. If \$25,000 is not accumulated through gifts and interest earnings within five years, the pending endowment becomes an expendable fund.

Endowment Fund

If you wish to establish an endowment, your gift will create a perpetual source of funding for scholarship use. The principal of the endowment remains intact, while earned income is used to support student scholarships. A minimum gift or combination of gifts totaling \$25,000 establishes a named scholarship for restricted use. ■

Endowed Scholarships and Awards

Abney Foundation Scholarship
David Adams Memorial Scholarship
John Alexander Memorial Scholarship

Dr. D. Warner Anderson Scholarship
Arizona Horse Lovers Foundation
Scholarship

Endowed Scholarships and Awards

- G. Bill Atchison Memorial Scholarship
James C. Beckley, DVM Scholarship
in memory of Bruce (Bud) Elwood
Brownson
Blackstock Scholarship
Beulah and Doyle Blair Memorial
Scholarship
Brandy and Zombie Memorial Scholarship
George S. Calderwood Memorial
Scholarship
E. J. Carroll Memorial Scholarship
Cole Endowment Scholarship
Colorado Environmental Health
Association Scholarship
Colorado Kennel Club/Agnes Miner
Memorial Scholarship
Colorado Veterinary Medical Association
Scholarship
Leo F. and Doris M. Conti Scholarship
Erin Corcoran Memorial Scholarship
Lisa Marie Craft Memorial Graduate
Scholarship
Floyd Cross Memorial Award
CVMBs Endowment Board Scholarship
Dr. and Mrs. Robert W. Davis Veterinary
Anatomy Scholarship
James D. DeField Memorial Scholarship
DVM Class of 1944 Scholarship
DVM Class of 1950 Scholarship
DVM Class of 1961 Scholarship
DVM Class of 1962 Scholarship
DVM Class of 1963 Scholarship
DVM Class of 1964 Scholarship
DVM Class of 1968 Scholarship
DVM Class of 2003/2004 Scholarship
DVM Class of 2005 Scholarship
James N. Dupree Scholarship
Barbara (Bobi) Fleischaker and Bill
Sallada Memorial Scholarship
Kathleen Foster Memorial Scholarship
Gallatin Dog Club Scholarship
Mark Gearhart Memorial Scholarship
Dr. Downing Glover Scholarship
Richard and Dawn Goates Scholarship
Dr. Reginald L. Gotchy Memorial
Scholarship
Pamela Hill Griffith Memorial Scholarship
Dr. Joseph W. and Arlene R. Harrison
Scholarship
Roberta Ann Hartman Memorial
Scholarship
Philip J. Hiebert Memorial Scholarship
Dr. Joseph J. Hird Memorial Scholarship
George Holzer Memorial Scholarship
Ed H. Honnen Scholarship
Dr. William A. Howarth Scholarship
Joseph P. and Mable C. Howe Memorial
Endowment Scholarship
Tuffy Huber Scholarship
Dr. Robert G. Hutchinson Memorial
Scholarship
Harold Ingersoll Scholarship
C. Heyward Jenkins Memorial Scholarship
Lois and Harry Johnson Scholarship
C. Trueman and Elizabeth J. Jones
Memorial Scholarship
Jorgensen Laboratories Scholarship
Lisa Akemi Kawai Memorial Scholarship
Drs. Hilan and Evelyn Keagy Scholarship
Kingman ILM Fund
Nick Klaich Memorial Scholarship
Dr. Merrill and Elizabeth Koster
Scholarship
Ken Lawson Veterinary Scholarship
Dr. Lynn Leadbetter and Family
Scholarship
Josephine C. Linger Memorial Scholarship
Dr. William J. Long Memorial Scholarship
Kirke L. Martin Memorial Scholarship
Mathews Foundation/CVMBs Honors
Program Scholarship
Dr. J. Cecil Matlock Veterinary Medicine
Scholarship
Eugene A. and Alice J. McHale Scholarship
Wayne and Nancy McIlwraith Orthopaedic
Scholarship
Dr. Mark U. McKie Memorial Scholarship
Hermann Meyer Veterinary Anatomy
Scholarship
Dr. Donna S. Minion Memorial
Scholarship
Sumner M. Morrison Memorial
Scholarship
Mortimer/Beef Today/Elanco Scholarship
Dr. Timothy Dwayne Muhr Memorial
Scholarship
New Mexico Veterinary Medical
Association Memorial Scholarship
Isaac E. Newsom Memorial Scholarship
Rowena Odell Scholarship
Don B. Olsen, DVM – PhD Fellowship
Award
Afton Silver Osguthorpe Memorial
Scholarship
Paul G. and Ruth R. Palmer Scholarship
Pattridge Family Scholarship
Dr. Dean Pavillard Scholarship
Dr. Virgil L. Pennell Memorial Scholarship
Dr. R. Barry Prynne Memorial Scholarship
J. R. Puckett Memorial Scholarship
Dr. William K. Riddell Memorial Graduate
Scholarship
Dr. William K. Riddell Memorial
Scholarship
Russell F. Rose III Memorial Scholarship
N. A. and Jone Rothenberg Scholarship
Robert Rubin and Maurice S. Shahan
Memorial Award
Salsbury Scholarship
SCAVMA Scholarship Endowment
A. William Schramm Memorial
Scholarship
Phyllis and Lyle Schwieder Scholarship
SDH Endowed Scholarship
Gerald J. Shiner, DVM Memorial
Scholarship
Dr. Philip E. Sims Memorial Scholarship
Clarence and Trulie Snyder Memorial
Scholarship
Tom Spurgeon and Patricia Brooks
Memorial Scholarship
France Stone Scholarship
Carlton Sundberg Memorial Scholarship
Raymond Swift Memorial Scholarship
Alice Bracey Taylor Memorial Scholarship
Thimmig Family Scholarship
Dr. Bob Toombs Memorial Scholarship
Dr. Earl Turner, Class of 1966, Memorial
Scholarship
Thomas Edmund and Grace M. Utley
Scholarship
John H. Venable Memorial Scholarship
J. L. Voss and A. O. McKinnon Equine
Reproduction and Research
Scholarship
Ray T. Walker Memorial Scholarship
The Wembley USA/Mile High Greyhound
Park Scholarship honoring Benjamin
T. Poxson
Christopher Nels Westerberg Memorial
Scholarship
Gary Brett Williams Memorial Scholarship
Luanne G. Williams Memorial Scholarship
Dr. Virgil and Mitzzy H. Yount Memorial
Scholarship ■

Annual Scholarships and Awards

Achievement Rewards for College Scientists (ARCS) Foundation Scholarship

American Veterinary Medical Foundation Scholarship

John R. Bagby Award

Bernice Barbour Foundation

Baxter and Cindy Black Food Animal Scholarship

Bil-Jac Foods, Inc.

Betty J. Jones – The Cassius Cat Foundation Scholarship

Chappelle Small Animal Hospital Scholarship

DVM Class of 1945

DVM Class of 1965

Dr. Frank Enos Memorial Scholarship

Environmental Health Scholarship

Hawaii Veterinary Medical Association Scholarship

Hill's SCAVMA Pet Food Products

Scholarship

Iams Food for Thought Scholarship

Barbara Joyce Microbiology Scholarship

Larimer County Veterinary Medical Association Scholarship

Polly McDonald Memorial Scholarship

Microbiology Undergraduate Scholarship

National Western Stock Show Scholarship
Nestle Purina Award for Excellence in

Companion Animal Nutrition

Pfizer Animal Health Outstanding Clinical Resident's Award

Jofrid L. Torgersen Memorial Scholarship

Clark D. and Alice Vanderhoof

Scholarship

Vet Text Scholarship

Eula C. Voirol Veterinary Medicine Scholarship ■

College Establishes Scholarship in Memory of Dr. Alan Tucker

"I especially value my teaching experience at Colorado State. ... It is so exciting to watch individuals learn and grow and to help them reach their goals. To be able to share with my students what I was given by my parents – an opportunity to create a rich and rewarding life for oneself – is a great honor and joy."

Dr. Alan Tucker (1947-2004)

The College of Veterinary Medicine and Biomedical Sciences has established a scholarship fund to honor the memory of Dr. Alan Tucker, a man who played a vital role in the College for nearly 25 years. Dr. Tucker died tragically on January 6, 2004, while vacationing with his wife Melissa and friends in Mexico. At the College, where Dr. Tucker once served as head of the Department of Physiology, the news was taken especially hard by all those whose lives had been touched by Dr. Tucker.

"Dr. Tucker was not only a colleague, but a friend," said Dr. Lance Perryman, Dean of the College. "His joy of life, care for others, creativity, and intelligence reflected his character and his deep sense of appreciation for the rich life that he enjoyed. His loss is felt deeply by all in our community."

Born in England to an Italian mother and English father, Dr. Tucker left that country at the age of 12, when his family immigrated to the United States, where he made the most of the educational opportunities available to him. He was the first in his family to graduate from high school and went on to receive undergraduate and doctoral degrees from the University of California at Santa Barbara. He came to Colorado in the mid-1970s for a postdoctoral fellowship at the University of Colorado Health Sciences Center in Denver. He then joined the faculty at Wright State University School of Medicine in Dayton, Ohio, before returning to Colorado.

Dr. Tucker served at Colorado State for nearly 25 years after joining the University in 1979 as an Associate Professor of Physiology. His teaching and research focused on cardiopulmonary physiology and high-altitude medicine, and he routinely taught in the University's undergraduate, graduate, and Professional Veterinary Medical programs. Outside of the University, Dr. Tucker was involved with various community service organizations



including the American Heart Association.

During his tenure at Colorado State, Dr. Tucker served as Assistant Dean then Associate Dean of the College of Veterinary Medicine and Biomedical Sciences (1989-2000), as head of the Department

of Physiology from 1995-2001, and on several faculty council leadership committees. He was appointed Vice Provost for Faculty Affairs in July 2002 after serving in that position in an interim capacity since May 2001.

The memorial fund in Dr. Tucker's name will benefit undergraduate students in the College of Veterinary Medicine and Biomedical Sciences. Preference will be given to students who are ethnic minorities or who are first-generation college students. Students must have a financial need, be in good academic standing, and submit an essay on the importance of higher education. For additional information or to make a memorial contribution, contact Paul Maffey, Director of Development, at (970) 491-3932 or send an e-mail to rpmaffey@colostate.edu. ■

Miki Funding Helps Create Breakthroughs in Small Animal Medicine

The Miki Society for Companion Animals Research supports research to help pets live longer and healthier lives. Gifts are made by veterinarians, pet owners and their friends, and people who simply love animals. Many gifts are made in memory of a beloved pet.

Veterinarians participating in the Miki Society use the program to reach out to clients in sympathy and remembrance. When a client's pet dies, their veterinarian makes a donation in the pet's name. The College then sends a letter to the veterinarian's client, notifying them

of the donation. In 2003, Miki Society veterinarians and friends donated a total of \$47,152. These funds provide seed money to innovative projects that help advance and improve veterinary medical care for companion animals.

Projects funded this year:

- Dr. Kristy Dowers: Comparison of Intravenous and Epidural Analgesic Medications for Pain Management of Acute Pancreatitis in Dogs
- Dr. Peter Hellyer: Determination of the Analgesic Effects and Side Effects of Oral Tramadol in the Dog

- Dr. Susan Kraft: Functional MR Imaging and MR Spectroscopy for Non-Invasive Studies of Radiation-Induced Tumor Reoxygenation

- Dr. Sue VandeWoude: African Primate Model of Resistance to HIV Disease

We would like to thank everyone who contributed so generously to the Miki Society. Your contributions are helping to support research vital to the health of our companion animals. ■



Dr. Nelson Honored

On January 9, the University paid tribute to Dr. Wendell Nelson, former director of the James L. Voss Veterinary Teaching Hospital, with the unveiling of the statue Check-Up at the hospital. Check-Up, the work of nationally renowned artist Carol Cunningham of Estes Park, Colo., was donated by Dr. Nelson's friends, family, and colleagues. Dr. Nelson came to Colorado State in 1965 as an Assistant Professor. What followed was 38 years of distinguished service to the College of Veterinary Medicine and Biomedical Sciences as a surgeon, biomedical educator, scientist, and administrator. Dr. Nelson served as Director of the James L. Voss Veterinary Teaching Hospital from 1990 until his retirement in 2003. Here, Dr. Nelson is shown with his wife, Sally – and the artwork donated in his honor.