


INSIGHT

Volume 32 Number 1
Spring 2005



COLLEGE OF VETERINARY MEDICINE
AND BIOMEDICAL SCIENCES

REPORT on PRIVATE GIVING

The *Report on Private Giving* is published annually 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 2005 *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 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 individuals who have created a legacy here at Colorado State University – whether through their tireless work, financial contributions or advocacy. You'll learn the stories behind the James L. Voss Veterinary Teaching Hospital, the Gail Holmes Equine Orthopaedic Research Center, the Robert and Mary Flint Animal Cancer Center, and more. In this special *Legacies* edition of the *Report on Private Giving* we honor some of those who have made a lasting impression on us and helped to shape the College of Veterinary Medicine and Biomedical Sciences, making it the veterinary and biomedical center of research, education and outreach excellence it is today.

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
College of Veterinary Medicine and Biomedical Sciences
Colorado State University, Fort Collins, CO 80523-1601
E-mail *Insight* comments to Paul Maffey, Director of Development for the College at: Paul.Maffey@ColoState.edu or visit our Web site at: www.cvmb.colostate.edu. ■

Table of Contents

Message from the Dean 3

Flint Animal Cancer Center Creating Hope for Cures 4

State-of-the-Art Orthopaedic Research Center a Symbol of Dedication 5

The Veterinary Teaching Hospital That Almost Wasn't 6

Equine Center Alive and Kicking 7

Adams-Atkinson Arena, MRI Center Vibrant Tribute to "Western Gentleman" 8

CVMB Vital Statistics 9

University Chairs and Professorships 10

Scholarships and Awards 10

Endowed Scholarships and Awards 10

Annual Scholarships and Awards 12

Legacy Began with Creation of Department of Veterinary Science in 1901 12

Veterinary Teaching Hospital Tribute Garden Home to Memorial Sculpture 13

Legacy of Dr. Harry Kingman Jr. Lives On in Kingman Library and ILM Program 13

Miki Society for Companion Animals Research 14

New Research Funds 14

Gift from Iron Rose Ranch Establishes Chair in Equine Orthopaedic Research 15

Message from the Dean

Dear Friends,

Since its founding in 1870, Colorado State University has been richly blessed with individuals who have given their time, their counsel, their wisdom and part of their earnings to create the culture of excellence prevalent at the University today. Many have left legacies that have built the quality and character of our University, names that are as familiar to us as those of our own families – William E. Morgan, Charles Lory, Isaac Newsom, Charles Ingersoll, Kenneth Monfort and others.

At the College of Veterinary Medicine and Biomedical Sciences, we, too, have been fortunate to count among our friends and colleagues many who worked tirelessly to create a place where excellence in teaching, research and outreach could take root and grow. In this special edition of *Insight – Report on Private Giving* we pay tribute to some of these individuals. While it is certainly not a comprehensive list of those who have given so generously of themselves to the College, it repre-

“At the College of Veterinary Medicine and Biomedical Sciences, we, too, have been fortunate to count among our friends and colleagues many who worked tirelessly to create a place where excellence in teaching, research and outreach could take root and grow.”

sents some of the legacies of which we are so proud today.

This special report also is about those who are creating new legacies. In this edition of *Insight*, we recognize, honor and thank each of you who have given so charitably to the College during the last year. Without your support, much of what we are able to accomplish – much of the work built on the legacies of the past – simply would not be possible.

The College continues to face challenging times financially, with state support still uncertain for institutions of higher education, but that only compels us to find the support we need elsewhere. In 2004, the College’s overall private giving was \$14,199,247. As University accounting practices have been revised, this figure will not correlate to the 2003 figure, but we were very pleased with fundraising efforts for 2004.

One of our major projects this past year was to kick off fundraising for the South Campus expansion. This long-term capital project will enhance the James L. Voss Veterinary Teaching Hospital and create additional space for small and large animal medicine, our veterinary teaching program and diagnostic operations. This year we also saw the creation of a new University Chair, the Iron Rose Chair in Musculoskeletal Disease and Injury. We have a number of new schol-



Dr. Lance Perryman

arships and I am pleased to report that the Dr. Alan Tucker Memorial Scholarship, in memory of our colleague, was fully endowed. Scholarship funding and the number of scholarships in 2004 increased over the previous year and that is good news for our students.

Thank you again for your gifts during the past year. With your assistance, we are able to continue our important work in educating our students, conducting research that will improve life for humans and animals, and offering outreach services to help solve problems today for a brighter future tomorrow. ■

With Best Regards,

Lance E. Perryman, DVM, PhD
Dean, College of Veterinary Medicine and Biomedical Sciences

Flint Animal Cancer Center Creating Hope for Cures



At the Flint Animal Cancer Center, veterinarians use Magnetic Resonance Imaging (MRI) to detect and discern soft tissue cancers.

Forty years ago, veterinarians had little to offer pet owners whose companion animals had been diagnosed with cancer. Limited research on cancer treatment was available and euthanasia usually was presented as the most compassionate and humane choice. Fortunately today, for animals and the people who love them, cancer is no longer a death sentence but a diagnosis of a specific disease with specific treatment options, many of which are effective at prolonging a quality life.

At Colorado State University, the Robert and Mary Flint Animal Cancer Center (ACC) is at the core of advancements in animal cancer diagnosis and treatment. Since the 1960s, scientists at the ACC have conducted innovative research and provided cutting edge treatment for companion animals. Research that began with identifying the types of cancers affecting pets eventually moved to methods of prevention, diagnosis and treatment.

It was to this center (then known as the Animal Tumor Center) that Robert and Mary Flint brought their two yellow Labrador retrievers, Anna and Eve, during a period of nine years. Im-

pressed by the care their four-legged companions received, and aware of the financial restrictions the ACC faced in its determination to fight cancer, the Flints decided to invest in the Animal Cancer Center. Their \$4 million gift went to the construction of the new Animal Cancer Center wing where today groundbreaking studies continue to advance the treatment of cancer in animals and their human companions.

A new study underway is exploring a novel method for delivering a unique drug therapy that may have huge benefits for patients, human and canine, diagnosed with osteosarcoma (bone cancer). Other ongoing studies include two new treatments being tested for soft tissue sarcomas, including a vaccine that inhibits the growth of new blood vessels in tumors, and a study of how hyperthermic treatment increases the effectiveness of radiation therapy.

The Flint gift also has been an integral part of generating additional investment in the Animal Cancer Center from other entities. Most recently, the Animal Cancer Center has proposed a new plan to increase and expand research, develop and apply new cancer treat-

A technician captures images provided by MRI.



Research that began with identifying the types of cancers affecting pets eventually moved to methods of prevention, diagnosis and treatment.

ments, as well as create new national and international research partnerships. Funds to support the effort will come from private donations and through application for matching funds from Colorado State University's Academic Enrichment Program.

What the Flint family has helped to create at Colorado State University is a legacy that may one day lead to cures for the cancers that plague our animals today – cancers that, when combined, are the second leading cause of death in our companion animals. Though Robert and Mary Flint are now deceased, their love of animals and commitment to curing cancer live on today through the Flint Animal Cancer Center. ■

State-of-the-Art Orthopaedic Research Center a Symbol of Dedication



Gail Holmes Equine Orthopaedic Research Center

Gail Holmes' passion is cutting horses, so when she read an article in *U.S. News and World Report* that Colorado State was rated as the number two veterinary school in the country, she called Dr. Ed Squires and requested a tour. Impressed with the faculty and staff, innovative research, and potential for growth and development, Holmes began a relationship with CSU that has greatly enriched the University's various equine programs.

Holmes, who owns Double Dove Ranch in Longmont, Colorado, first became part of the Preservation of Equine Genetics (PEG) program, joining that group's advisory board. To assist in their efforts to acquire funding, Holmes began a stallion service auction where the stallion owner donates a breeding fee that is sold to the highest bidder. The money from the sale is then donated to PEG.

The first year, Holmes called 25 of the leading cutting horse stallion owners in the country, and only two turned her

down. Since their inception in 1999, the auctions have raised more than \$100,000 annually for PEG.

Working with PEG was just the start for Holmes. Her philanthropy soon spread to the Equine Reproduction Laboratory which was in dire need of a new barn for visiting stallions and their attendant demands. Generous gifts from Holmes, Herbert Allen (also of Double Dove Ranch) and Shirley Hoffman of Hi View Acres in Longmont, made the construction of a new stallion barn possible. The barn comprises expanding laboratory space for the freezing, storage and export of semen, space for semen collection, and a barn to house 10 visiting stallions. The building is specially designed to withstand the added stress that stallions can put on facilities.

During this same time, Holmes was actively garnering financial support for a new equine orthopaedic research center as well. The orthopaedic program at the James L. Voss Veterinary Teaching Hospital was rapidly outgrowing its space as it sought to improve the musculoskeletal health of horses and humans. Research programs were competing

In 2002, after years of hard work on the part of faculty and staff, and tremendous generosity on the part of donors, the Gail Holmes Equine Orthopaedic Research Center opened its doors.



A horse goes through the paces on an equine treadmill that allows veterinarians to evaluate gait step by step.

with clinical programs for surgical time and space, and resources were stretched beyond capacity. In 2002, after years of hard work on the part of faculty and staff, and tremendous generosity on the part of donors, the Gail Holmes Equine Orthopaedic Research Center opened its doors.

Today, the Center houses a surgical suite with viewing windows, a treatment room with a high-speed treadmill for exercising horses, two wings of deluxe horse stalls, multiple turnouts, offices, conference rooms and, most exciting, the Equine Magnetic Resonance Imaging (MRI) Center.

For Holmes, the philanthropic work she has done at CSU has simply been an extension of her love of cutting horses and wanting to do what she can to help those who are helping to improve the quality of life for all horses. Her legacy will continue for many years to come as horses, and humans, garner the benefits of her generosity. ■

The Veterinary Teaching Hospital That Almost Wasn't

Dr. James Voss fought many battles during his career at Colorado State University, but none was so intense – or so necessary – as the one to build a new veterinary teaching hospital for the College of Veterinary Medicine and Biomedical Sciences.

Dr. Voss began his career at Colorado State in 1958 as an instructor in the Department of Clinical Sciences, after graduating from the University with his DVM. During his tenure, Dr. Voss advanced through faculty positions, eventually serving as head of the Department of Clinical Sciences. It was at that time that the need for a new veterinary teaching hospital was becoming acute.

The old hospital was located in the center of the main campus and offered little space for a burgeoning program. Laboratories could hardly support the number of students enrolled in the program, much less provide space for new equipment that was crowding the hallways. Electrical and plumbing systems were outdated and inadequate, and concerns over biosecurity were beginning to come to the surface. The University went to the State Legislature with a proposal in hand, and was roundly turned away. In the 1970s, the economy was in dire straits and the state could hardly afford

to put money into a new hospital – this wasn't a time for "luxury" spending.

With dogged determination, Dr. Voss and his colleagues at CSU motivated the agricultural and ranching communities, cultivated old friends, and sweet-talked recalcitrant politicians until eventually the state provided the funding necessary to make the hospital a reality. The hospital opened its doors in 1978 and began to build programs of excellence that continue to break ground today. These include programs in animal cancer, cardiac surgery and cardiology, orthopaedics, feline medicine, complementary medicine, critical care, exotic animal veterinary medicine, and more. In addition to work in veterinary medicine, the College's programs in biomedical sciences exploded under the leadership of Dr. Voss, who took over as Dean of the College in 1986.

The hospital opened its doors in 1978 and began to build programs of excellence that continue to break ground today.

Dr. Voss' legacy, created through 43 years of tireless work at Colorado State University, is seen in the laboratories of the Molecular and Radiological Biosciences Building, in the teams of researchers working collaboratively in the newest fields of science, and in the faces of the many graduates who practice veterinary medicine and conduct research in the biomedical sciences. But mostly, his legacy is evident in the James L. Voss Veterinary Teaching Hospital, renamed in his honor in 2001 to pay homage to Dr. Voss' legacy of diligence, pride and devotion to the College he proudly led for 15 years. ■



(From left to right) Patients and their owners wait to meet the doctor in the James L. Voss Veterinary Teaching Hospital; the front entrance of the hospital; surgeons work to repair a dog's heart in this state-of-the-art surgical suite.



Equine Center Alive and Kicking

In June 2002, equine scientists from around the world gathered in Fort Collins, Colorado, to attend the International Symposium of Equine Reproduction, one of the most important quadrennial events for scientists involved in the advancement of equine reproduction. How did Fort Collins and, more specifically, Colorado State University come to figure so prominently in this globally recognized scientific conference? Much of it was through the pioneering work of Dr. B.W. Pickett.

When Dr. Pickett joined the University in 1967 as Director of the Equine Reproduction Laboratory, a variety of horse-related programs dotted the campus. In 1971, Dr. Pickett was named Director of the Animal Reproduction Laboratory which was making a name for itself through some astonishing breakthroughs including the birth of the first set of cloned twin calves and the country's first "man-made" identical twin foals from one split embryo in 1984. When Dr. Pickett became Director of Equine Sciences in 1982, the push was underway to create a comprehensive program and an equine science major. The Equine Teaching and Research Center at the University's Foothills Campus became home to the major and to equine-affiliated research, teaching and outreach programs.

Private investment in the fields of equine sciences, equine reproduction and equine orthopaedics builds on the foundation of the equine science program Dr. Pickett helped to create more than 30 years ago.

In 1981, Dr. Pickett was presented with Colorado State's L.W. Durrell Distinguished Service Award in recognition of excellence in research and creativity, and also received the Distinguished Service Award from the Equine Nutrition and Physiology Society. His legacy continues to grow today as private investment in the fields of equine sciences, equine reproduction and equine orthopaedics continues to build on the foundation of the equine science program he helped to create more than 30 years ago.

Today, at the Foothills Research Campus, you'll find the Animal Reproduction and Biotechnology Laboratory; the Equine Reproduction Laboratory and new stallion barn; the Adams-Atkinson Arena with indoor arena and additional stalls, office and classroom; and the B.W. Pickett Equine Center. The arena and surrounding facilities are abuzz with events including polo games, riding classes, training, judging, classroom activities and more. Research work at the Foothills Research Campus continues to break new ground.

Studies are ongoing to assess the use of equine follicle stimulating hormone

(FSH) for induction of multiple ovulations in mares to reduce the cost of implantation. Other studies are focusing on the separation of X- and Y-bearing sperm to control sex prior to breeding, especially in breeds that favor the birth of either a filly or a colt. Most recently, the Equine Reproduction Laboratory has focused on the preservation of equine sperm, eggs and embryos. This area of research is primarily funded by private benefactors from the horse industry under the Preservation of Equine Genetics program.

Scientists from around the world come to Colorado State where novel equine research continues, especially in the areas of reproduction and orthopaedics. The combined efforts of so many have built a singular program internationally recognized for its excellence and innovation. ■



Students maneuver through an obstacle course during a riding class at the B.W. Pickett Equine Center.

Adams-Atkinson Arena, MRI Center Vibrant Tribute to “Western Gentleman”

Kenneth E. Atkinson often was described as a true western gentleman who did business with a handshake. And, as a true Westerner, one of Atkinson’s passions was horses which he treated with care and kindness, often telling those around him “Remember boys, our horses got us where we are, let’s treat them kindly.”

It was Atkinson’s love of horses – he was elected Horseman of the Year by the Colorado Horse Council – that brought him to Colorado State University where he sought veterinary medical treatment over the years for his companions. Though he died last year, Atkinson’s spirit still lives on at CSU through his generous donations and fundraising activities that gave

the College of Veterinary Medicine and Biomedical Sciences the Adams-Atkinson Arena and the MRI Center at the Gail Holmes Equine Orthopaedic Research Center. He was a driving force behind fundraising efforts to build the B.W. Pickett Equine Center and also funded improvements at the center.

The Adams-Atkinson Arena, located at the Foothills Research Campus, houses an indoor arena, tack rooms, wash rack, treatment rooms, box stalls, office and a classroom. The arena is a teaching facility and provides horse-related clubs on campus with more arena time. The arena also is optimal for clinics, small shows, summer camp classes and demonstrations. As Atkinson would appreciate, there is almost always something going on with horses at the arena. The arena itself was donated by the late Bud Adams and his wife Louise Adams, of Scotts-

dale, Arizona, while the Atkinson family funded the move and reconstruction of the building.

Atkinson’s and his wife, Virginia’s, most recent gift was funding for Magnetic Resonance Imaging (MRI) equipment that is now in place at the Equine Orthopaedic Research Center. MRI is the gold standard for identifying joint disease in humans and is the best technique for non-invasive joint evaluation. Because of equipment limitations, MRI has had limited use in equine medicine. With the Atkinson gift, clinicians and researchers now have in their hands a tool that is opening up a whole new field of study in equine medicine, and could be the greatest advance in equine orthopaedics in recent years.

The Atkinson legacy, with gifts totaling more than \$2.5 million, is helping to shape the future of equine medicine and enabling cutting-edge diagnostic procedures that will ensure horses today and tomorrow get the finest orthopaedic care possible. After all, as Atkinson would say, let’s take good care of these horses, they got us here. ■



Atkinson often told those around him “Remember boys, our horses got us where we are, let’s treat them kindly.”

The Adams-Atkinson Arena is always bustling with activity, from clinics, small shows, summer camp classes, equine programs for the disabled, student equine clubs and more.



Adams-Atkinson
Arena



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: 131
 Special appointment faculty: 66
 Research associates: 161
 Administrative and professional staff: 48
 State-classified support staff: 262
 Residents: 37
 Postdoctorates: 109

The Students

Undergraduates in Microbiology and Environmental Health: 391
 Graduate degree students: 313
 Biomedical Sciences Open Option students: 109
 Professional Veterinary Medical (PVM) students: 534

The Graduates

From 1907 to 2004, 6,126 graduates received Doctor of Veterinary Medicine degrees and 2,246 received advanced degrees (MS and PhD).

The Cost

2004-2005 Tuition and Fees

Undergraduate:	Resident	\$3,965
	Nonresident	\$14,552
Graduate:	Resident	\$4,411
	Nonresident	\$15,134
PVM:	Resident	\$11,068
	Nonresident	\$34,816

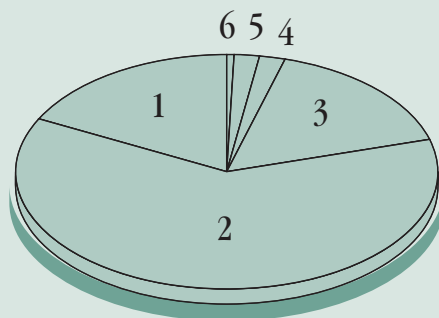
Priority Research/Other Programs

- 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

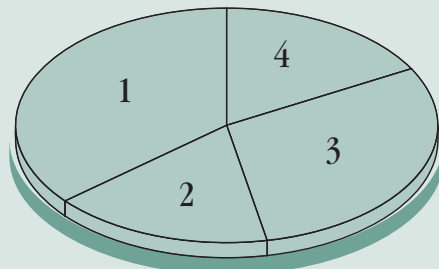
Total: \$14,199,247 (Calendar Year 2004)

Source



1. Business/Corporations – 17.5%
2. Friends – 62%
3. Foundations/Organizations – 16%
4. Alumni – 2%
5. Trusts/Estates – 2%
6. Faculty/Staff – 0.5%

Use



1. Research – 36%
2. Student Assistance – 17%
3. Buildings and Equipment – 30%
4. Academic Programs – 17%

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, 2004, 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 Iron Rose Chair in Musculoskeletal Disease and Injury
- 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 ■

Scholarships and Awards

In these days of increasing costs and decreasing governmental support for higher education, scholarships make education possible for many of our students. This in turn benefits us as a society because these students are our future. From them will come breakthroughs in medicine, innovative solutions to the myriad problems facing our nation and the world, and the creativity to teach the next generation.

This year, as in years past, scholarship support from our donors has once again increased. In the 2004-2005 school year, the College distributed 430 scholarships and awards, with a total dollar amount of \$1,007,890.74. This represents an increase of slightly more than 4 percent over the previous year.

We have a number of new scholarships to give special recognition to this year. These include three new expendable scholarships: the Arthur W. Peterson II DVM Memorial Scholarship, the Simmons & Associates Educational Trust Fund Award, and the Cindy Lopez Veterinary Scholarship. We have two new endowed scholarships, the Lloyd C. and Ruth H. Shenk Memorial Scholarship and the Dr. Alan Tucker Memorial Scholarship. We'd also like to recognize a new pending scholarship, the DVM Class of 2007 Scholarship. Thanks to each of you who help 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
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
Colorado Environmental Health
Association Scholarship

Endowed Scholarships and Awards

- Colorado Kennel Club/Agnes Miner Memorial Scholarship
 Colorado Veterinary Medical Association Scholarship
 Leo E. and Doris M. Conti Scholarship
 Erin Corcoran Memorial Scholarship
 Lisa Marie Craft Memorial Graduate Scholarship
 Floyd Cross Memorial Scholarship
 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 1976 Scholarship
 DVM Class of 2003/2004 Scholarship
 DVM Class of 2005 Scholarship
 James N. Dupree Scholarship
 John and Mildred Emerson 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. Hiegert 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
 Afton Silver Osguthorpe Memorial Scholarship
 Paul G. and Ruth R. Palmer Scholarship
 Patridge 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
 Lloyd C. and Ruth H. Shenk Memorial Scholarship
 Gerald J. Shiner, DVM Memorial Scholarship
 Dr. Philip E. Sims Memorial Scholarship
 Clarence and Trulie Snyder Memorial Scholarship
 Drs. 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. Alan Tucker 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 Research and 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 Mitzy H. Yount Memorial Scholarship ■

Annual Scholarships and Awards

Achievement Rewards for College Scientists (ARCS) Foundation Scholarship
John R. Bagby Award
Bernice Barbour Foundation Scholarship
Bil-Jac Student of Veterinary Medicine Scholarship
Baxter and Cindy Black Food Animal Scholarship
Chappelle Small Animal Hospital Scholarship
DVM Class of 1945 Scholarship
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
Betty J. Jones – The Cassius Cat Foundation Scholarship
Barbara Joyce Microbiology Scholarship
Larimer County Veterinary Medical Association Scholarship
Cindy Lopez Veterinary Scholarship
Polly McDonald Memorial Scholarship
Microbiology Undergraduate Scholarship

Nestle Purina Award for Excellence in Companion Animal Nutrition
Arthur W. Peterson, DVM Memorial Scholarship
Roaring Fork Kennel Club Scholarship
Simmons & Associates Educational Trust Scholarship
Jofrid L. Torgersen Memorial Scholarship
Clark D. and Alice Vanderhoof Scholarship
Vet Text Scholarship
Eula C. Viroil Veterinary Medicine Scholarship ■

Legacy Began with Creation of Department of Veterinary Science in 1901

When Dr. George H. Glover joined Colorado Agricultural College (CAC now Colorado State University) as a part-time instructor in 1899, veterinary medicine was little more than an afterthought to agricultural studies. His main focus was the health of the College's dairy herd, and his hiring was seen as a measure to placate stockmen who criticized the school for being remiss in meeting the needs of their expanding industry.

Little could the governing board imagine that the shy man from Longmont, Colorado, who at one time was too timid to register for classes, would use his tenuous toe hold to force the creation of a full-fledged Department of Veterinary Science, a precursor to our College of Veterinary Medicine and Biomedical Sciences.

Dr. Glover graduated from CAC in 1884 and then completed his DVM degree in 1885 at Iowa State Agricultural College. In 1886, he was hired as quarantine inspector for Colorado and Montana, working summers as an inspector and the rest of the year in private practice in Denver. When he joined the College and eventually became Department Head, he was determined to create a respected program in veterinary science.

Despite opposing forces, Dr. Glover moved forward, his respected status elevated even more by his proactive work in public health and research at the Agricultural Experiment Station. The Department of Veterinary Science was established in 1901, with Dr. Glover at the helm. In 1908, a USDA accreditation committee accorded a Class A rating to CAC's new veterinary program.

Dr. Glover oversaw the creation of a four-year course of study, the establishment of the Pathology Department, the construction of the first veterinary hospital, and the formation of a master's program in the veterinary field.

Dr. Glover also contributed to veterinary medicine nationally. He served as president of the American Veterinary Medical Association and worked to standardize veterinary education. He had a strong interest in food safety and worked tirelessly to ensure basic standards of health and safety were adhered to by producers and distributors.

Today, Dr. Glover's legacy is apparent throughout the College of Veterinary Medicine and Biomedical Sciences and on Colorado State's Main Campus. His devotion to the College, and his persistence and dedication are apparent in the College's missions of teaching, research



Dr. George H. Glover

and outreach. Dr. Glover is the namesake of the Glover Building – the veterinary teaching hospital from 1950 to 1979 – which was subsequently remodeled and assigned to the College of Engineering. In addition, to honor his work and to honor those who follow in his footsteps, the George H. Glover Gallery was established in the Pathology Building. Deserving faculty and alumni are inducted into the Gallery where their pictures are displayed alongside those of the man who made it all possible. ■



Veterinary Teaching Hospital Tribute Garden Home to Memorial Sculpture

The Tribute Garden at the James L. Voss Veterinary Teaching Hospital is now home to a new memorial sculpture, “Lindsey and Maggie.” Installed in November 2004, the statue is in memory of Lindsey Arensmeier, a client of the Veterinary Teaching Hospital who lost her life to breast cancer.

“From the beginning our wishes were that this sculpture represent the bond between a pet and its owner – a bond that in the case of Lindsey and Maggie was unmatched,” said Sharon Kahn. “Jane (DeDecker) successfully captured that bond and I’m sure it will resonate to all the pet owners who walk

through the garden with a sick pet who is hopefully on the mend. This would make Lindsey very happy.”

The memorial sculpture was funded through the efforts of the Fort Collins Community Foundation and the Office of Development at the College of Veterinary Medicine and Biomedical Sciences, with more than 150 individual gifts donated. The sculpture is the work of Loveland artist Jane DeDecker and represents the bond between a Maggie and Lindsey – a bond broken only by death.

Lindsey’s family and friends joined together to celebrate her life through this sculpture and worked diligently to make the sculpture a reality. ■

Legacy of Dr. Harry Kingman Jr. Lives On in Kingman Library and ILM Program

A long-time friend and supporter of the College of Veterinary Medicine and Biomedical Sciences passed away on December 14, 2004. Dr. Harry Kingman Jr., a member of the Class of 1933, was an avid backer of the Kingman Library (named for Dr. Harry Kingman Sr.) at the James L. Voss Veterinary Teaching Hospital. He also provided financial assistance to the Integrated Livestock Management (ILM) Program, supporting its efforts to promote graduate education for veterinarians interested in large animal medicine and farm/ranch management.

Dr. Kingman was born September 4, 1911, to Dr. Harry Ellis Kingman Sr. and Edna Garbitt. His father was on the original faculty of the Department of Veterinary Science when it was accredited by the USDA in 1908. After earning his DVM, Dr. Kingman practiced for a year in Monterey, California, before joining the Bureau of Animal Industry, USDA, in Sacramento, and its Pathology Labora-

tory in Chicago. While in California, he also married his wife Helen Allen whom he had met at Colorado A&M (now CSU). In 1940, Dr. Kingman joined the Wilson Company as a supervisor of the Chicago firm’s sanitation, research and field service programs, and was a liaison with the USDA meat inspection service and livestock industry.

He became the American Veterinary Assistant Executive Secretary in 1952 and its Executive Secretary in 1958. He assumed the directorship of the National Society for Medical Research in 1966, a position he held with distinction until his retirement. In 1977, Dr. Kingman returned to Fort Collins and became an active advocate of the College. He worked with the Colorado Veterinary Medical Association to support legislation to build the new Veterinary Teaching Hospital. He helped organize the College’s Endowment Fund Board and served as Vice President and President.



The Kingman Library at the Veterinary Teaching Hospital

He served as Chairman of the 50-year class in 1983 and had been active with the 50-year club.

Dr. Kingman served as Chairman of Chiron’s Circle, and was presented with the College Special Service Award for his continuing leadership and advocacy. He was a member of the Lions Club and Elks, and enjoyed traveling with his wife, Helen, until her death in 1997. ■

Miki Funding Grows to Fund New Projects in Canine and Feline Medicine, and Education

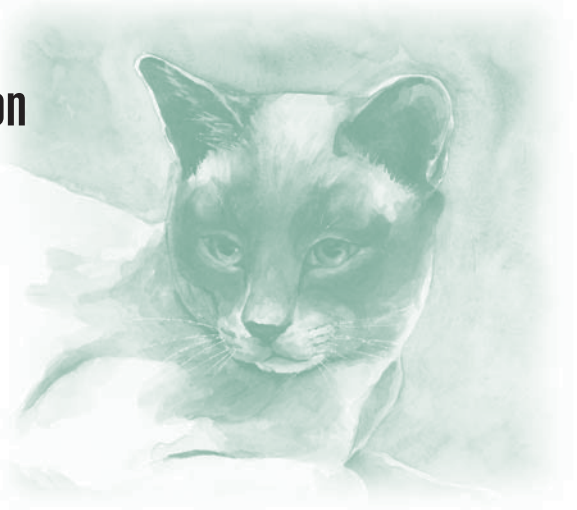
The Miki Society for Companion Animal Research supports research to help pets live longer and healthier lives. Gifts are made by veterinarians, pet owners and their friends, and people who simply love animals. Many gifts are made in memory of a beloved pet.

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 2004/2005, Miki Society veterinarians and friends donated a total of \$55,850. These funds

provide seed money to innovative projects that help advance and improve veterinary medical care.

Projects funded this year:

- Dr. Laurie Pearce: Relationship of *Toxoplasma gondii* Infection to Acute Canine Polyradiculoneuritis.
- Dr. Kyra Somers: Ganglioside Synthesis Inhibition in Feline NPC1 Disease.
- Dr. Vicki Campbell: Noninvasive Lithium Dilution Cardiac Output Monitoring and Oxygen Delivery in Conscious Critically Ill Dogs.
- Dr. Ray Whalen: Bovine Spongiform Encephalopathy – Interactive Education Program.



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. ■



New Research Funds



Dr. Susan Larue views microscope images in the Animal Cancer Center's darkroom.

Research funds are established by individuals with a particular interest in certain areas of veterinary and biomedical research. This year's funds also include the newly established fund for construction projects at the University's South Campus, mainly to benefit large and small animal medicine, expand teaching and diagnostic facilities, and enhance research programs.

New research funds in 2004 include:

- South Campus Construction
- Animal Immunity and Vaccine
- Clinical Cardiology
- Equine Complementary Orthopaedic Therapies
- Equine Emergency and Critical Care ■



Clinical immunology graduate student Mark Matthes washes red blood cells in the E. Gregory MacEwen VMD Laboratory.

Gift from Iron Rose Ranch Establishes Chair in Orthopaedic Research

The College of Veterinary Medicine and Biomedical Sciences has announced the creation of the Iron Rose Ranch Endowed University Chair. The chair was established with a \$3 million gift from Carbondale-based Iron Rose Ranch, and is among the largest gifts the University has received to establish a chair. The new chair will support the school's internationally renowned equine veterinary medical program and specifically support research into the prevention, treatment and cure of equine musculoskeletal disease and injury.

"Colorado State University is a leader in equine medicine, and our equine orthopaedic facilities and research programs are among the best in the world," said Colorado State President Larry Edward Penley. "This generous gift will allow us to continue to set the pace in finding ways to prevent and cure equine orthopaedic injuries, and to translate those discoveries into solutions for human injuries as well."

The creation of the Iron Rose Ranch Chair is a great honor for the College and a lasting tribute to the faculty and staff of the Orthopaedic Research Center under the leadership of Dr. Wayne McIlwraith, said Dr. Lance Perryman, Dean of the College of Veterinary Medicine and Biomedical Sciences. "This generous gift is an important investment in the future of our college and its research, teaching and outreach programs, and it will greatly help us in our mission to advance animal care and cure animal and human disease."

The Iron Rose Ranch Chair will allow for the creation of a position in the equine health program. An appointment to the chair will be announced at a later date. The chair will focus on researching the causes of joint disease in horses and humans as well as developing effective methods to detect the disease.

Specifically, the person appointed to this position will continue the center's work to isolate mechanisms in joint tis-

sues that induce and further the progression of joint injury and osteoarthritis. The chair will conduct further research into equine orthopaedic medicine discovery and treatment methods such as computed tomography, which are layered x-rays of joints; magnetic resonance imaging, or MRIs; and joint modeling to develop strategies for early detection as well as to predict joint disease.

In addition, the chair will be responsible for educating graduate students, undergraduate students and veterinary students, and will work on clinical orthopaedic patients at the James L. Voss Veterinary Teaching Hospital.

Dr. Perryman noted that the establishment of the chair is especially appreciated in light of the current fiscal climate in Colorado and concerns about funding for higher education.

"Endowed chairs give us a permanent funding source to continue attracting and retaining gifted people to our faculty," he said.

The new chair will support the school's internationally renowned equine veterinary medicine program and specifically support the prevention, treatment and cure of equine musculoskeletal equine disease and injury.

The Colorado State University Foundation permanently invests funds that are given to establish endowed chairs, and the interest generated is used to support the chair. Since the principle amount is not used, endowments allow continuous funding to supplement the chair holder's salary, support graduate student work, and fund research and activities that are tied to targeted industries. The \$3 million Iron Rose Ranch Chair gift was received as part of Colorado State's initiative to add new chairs, which now total 19 at the University. ■

