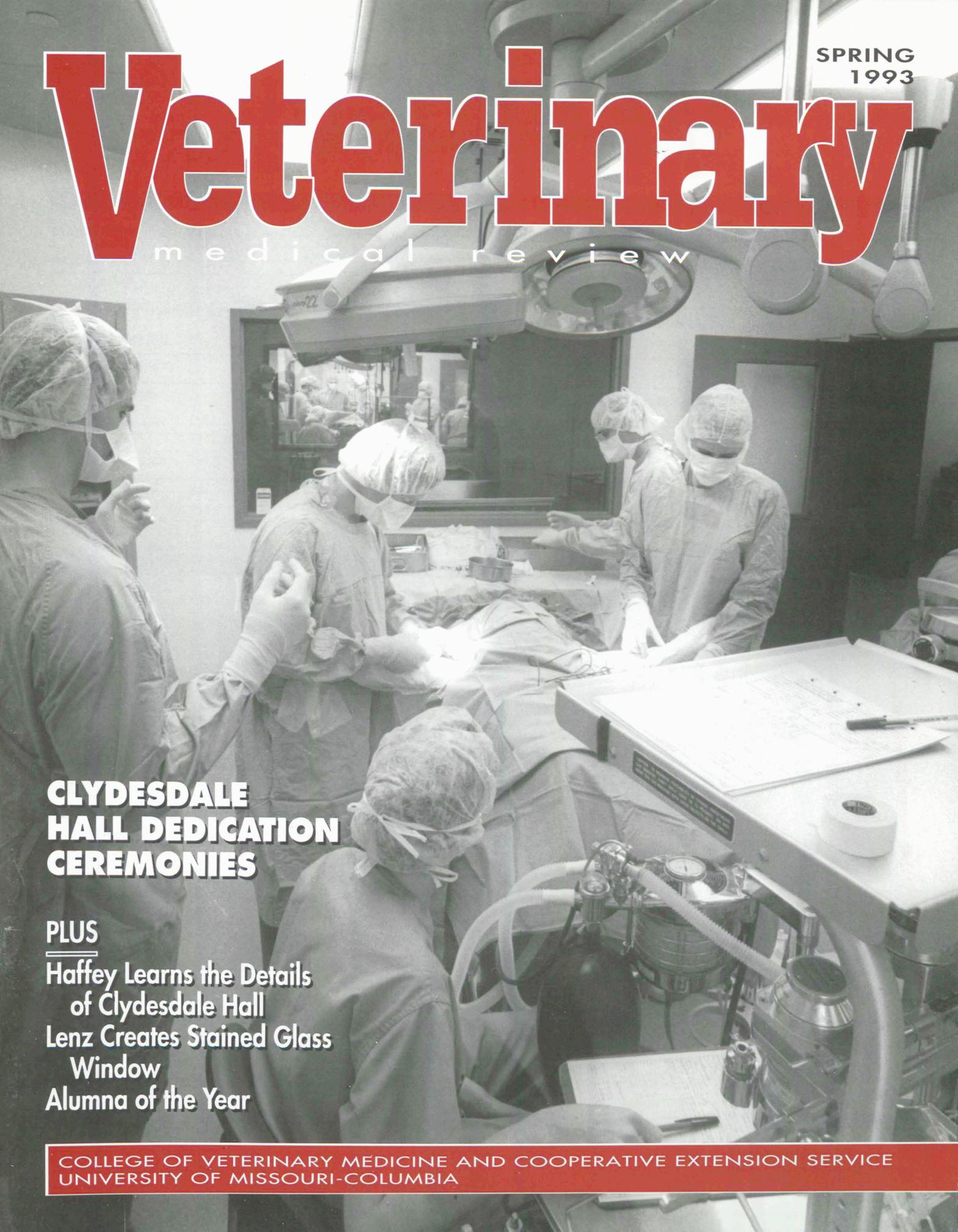


SPRING
1993

Veterinary

medical review



**CLYDESDALE
HALL DEDICATION
CEREMONIES**

PLUS

Haffey Learns the Details
of Clydesdale Hall
Lenz Creates Stained Glass
Window
Alumna of the Year

COLLEGE OF VETERINARY MEDICINE AND COOPERATIVE EXTENSION SERVICE
UNIVERSITY OF MISSOURI-COLUMBIA

Veterinary

medical review

N.S. Volume 13
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Chancellor Kiesler names new dean during honors banquet

After a lengthy search and selection process, Dr. H. Richard Adams was named dean of the College of Veterinary Medicine. He had served as interim dean since the summer of 1992.

The announcement was made May 12 during the annual honors banquet. Chancellor Charles Kiesler arrived near the end of the dinner and before the ceremonies began to make the announcement. His news

brought a standing ovation for the new dean.

With a permanent dean installed, the college can begin to name permanent associate deans, department chairs and other offices. The university and the college are facing a variety of challenges as the 1990s unfold, and the college must prepare a stable team within its administration, faculty and staff to face these challenges successfully.

To contact the dean send correspondence to:

Dean H. Richard Adams
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Telephone: (314) 882-3768
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* The previous issue of the *Veterinary Medical Review* (Fall 1992) was mislabeled. It is actually Volume 12, Number 2.

ON THE COVER: A surgery team in action using one of four new surgical suites in Clydesdale Hall. A second team can be seen two suites over through the observation window.



UNIQUE SET OF CHALLENGES CALLS FOR NEW ADAPTABILITY

This issue highlights the showcase of your College of Veterinary Medicine — Clydesdale Hall, the school's new teaching hospital.

Using the dedication of this state-of-the-art facility as a springboard, college administrators are focusing on the future. We are actively implementing plans to become more self-sufficient, more cost effective, more productive and, hence, even more contributory to the health and well-being of Missouri citizens and their animals. These plans, in fact, have been in force for several years, and they already are paying major dividends on the state money invested into the college by the Missouri legislature in the 1980s.

Income production increases

Clinical income in the MU Veterinary Teaching Hospital nearly doubled during the past five years with annual income increasing to almost \$2 million from \$1 million. Outside research support in a basic science unit increased to more than \$1 million a year from \$50,000 a year in the mid-1980s — a 2,000 percent increase! Private donations in this period yielded yet another \$5 million.

These are not trivial amounts of extramural interest returned on state-invested principal, especially when one contrasts the small size of the veterinary college with the substantially larger and more expensive programs of other veterinary schools in the United States.

In fact, although educating veterinarians admittedly is not an inexpensive responsibility, the MU program is probably the best bargain in veterinary medicine in the country. And we produce exceptionally well-qualified veterinarians. We plan to keep it that way with the continued support of citizens, their elected representatives and university administrators.

Financial stability threatened

However, as you may know, the college is once again facing a difficult challenge. We have been designated for a major (\$2 million) reduction in our state operating budget. This is a critical blow because the state budget enhancements of the 1980s brought MU's veterinary college to a unique level of fiscal stability.

This platform of fiscal stability has allowed the college, as never before in its history, to begin an era of increased faculty productivity and better educational programs for our students and outreach constituents. The current level of state support is required if MU is to remain regionally and nationally competitive for outside funding opportunities.

It has been heartwarming and motivating to receive the overwhelming show of support from legislators, livestock groups, students, parents, alumni, veterinary organizations, staff, faculty and the animal-owning public in general.

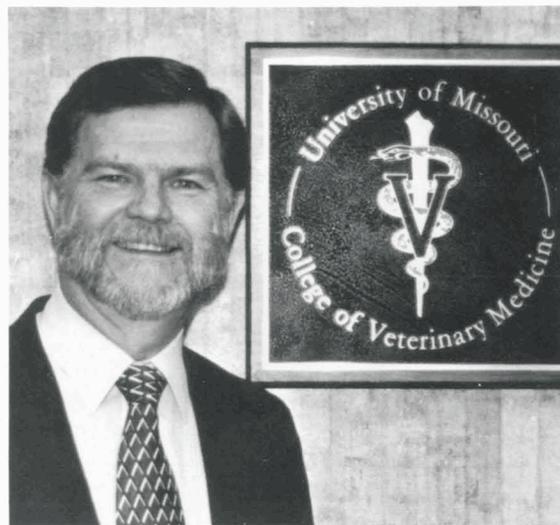
College resolved to face challenges

The college extends sincere appreciation and a warm thanks to all those individuals who united together because of a shared concern over the negative influence the proposed budget cuts would have on the new era of excellence at your college of veterinary medicine.

In return, the college continues to stand resolute in its commitment to convince UM and MU administrators that a high-quality college of veterinary medicine is a powerful element essential to the optimal public health and well-being of all Missouri citizens. The college actively seeks your suggestions, ideas, concerns and support as we face the new challenges of becoming even more entrepreneurial in our educational and academic enterprises in order to better serve students and citizens in Missouri.

Best personal regards,

H. Richard Adams
H. Richard Adams
Dean



Dr. H. Richard Adams

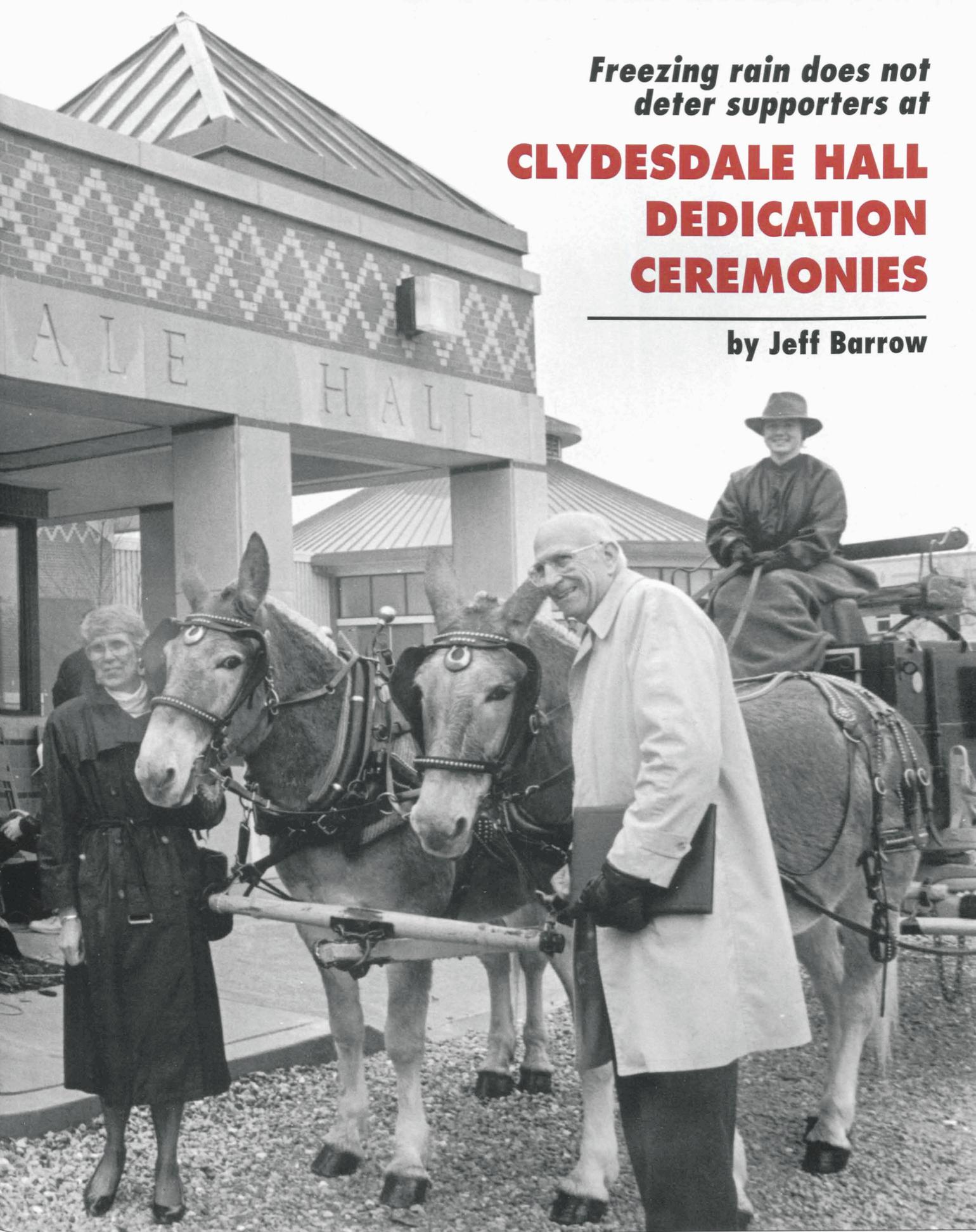
DON CONNOR



*Freezing rain does not
deter supporters at*

CLYDESDALE HALL DEDICATION CEREMONIES

by Jeff Barrow





Left: Dr. Kahrs peers ahead as he makes a point during the keynote speech he delivered at Clydesdale Hall's dedication ceremonies.

Previous page: Evelyn and Robert Kahrs pose with the college's mascot mules, Hilda and Louise.

photos by Jim Curley

Clydesdale Hall was dedicated April 3 during ceremonies in front of the large-animal clinic. More than 500 people, including Chancellor Charles Kiesler, University of Missouri System President George Russell, Lt. Gov. Roger Wilson and Mr. and Mrs. August A. Busch III attended the ceremonies under a freezing rain.

Dr. Robert Kahrs, former dean of the college and current director of the USDA Na-

tional Center for Imports and Exports in Washington, D.C., gave the keynote address. In his speech, Kahrs told a brief version of the college's history and recalled the adversity it has overcome.

"I will tell you it has been a challenge since 1946, when the school started to educate and train a series of University administrators, most of whom had not the slightest idea what veterinary medicine was about,



Above: The gallery of dignitaries looks on during the keynote speech.

Right: Dean H. Richard Adams shakes hands with Associate Dean Kenneth Niemeyer as they exchange places at the podium.



Right: Virginia and August A. Busch III react to a comment during the dedication ceremonies. The Busch's contribution was instrumental in achieving the fundraising goal for building Clydesdale Hall.

Below: Mr. and Mrs. Busch greet well-wishers after the dedication, including former University Chancellor Haskell Monroe and his wife Jo.



very little idea what a state land-grant college was about, and very little concept that a state university belongs to the people who support it," Kahrs said. "Each time my predecessors and I convinced reluctant administrators that this college was a gem . . . and

each time we convinced them and our own students convinced them that we have some of the most qualified students in the world and that there were things going on here that are found in no other institution in the U.S., about that time those administrators



who had become our supporters and advocates would move on to other places.”

Kahrs talked about the public debate in the 1980s concerning the college’s future after the American Veterinary Medical Association threatened the college’s accreditation. This debate resulted in renewed commitment to the college on the part of state government and private organizations and individuals. The completion of Clydesdale Hall marks the culmination of that public debate and commitment, Kahrs said.

He offered some challenges to the college administration, faculty and student body.

“Please don’t forget why you’re here,” Kahrs said. “Don’t forget that you are accountable to the taxpayers of this state. And remember that this is not your building, this is not your college and this is not your university, but it is the people’s building, college and university.

“Remember that you are part of a great university, the flagship university, and please remember you must participate and support your university,” he added. “You have to realize that when the University of Missouri has hard times then you, too, must have hard times.”

Kahrs peppered his speech with references to the terrible weather conditions. Although his comments about the rain drew laughter from the crowd, some participants appreciated the inclement weather.

“We’ve seen so much adversity over the years that this weather is really appropriate,” Evelyn Kahrs said. “Bright sunshine would have seemed artificial. Rain mixed with snow is more what we’re used to.”

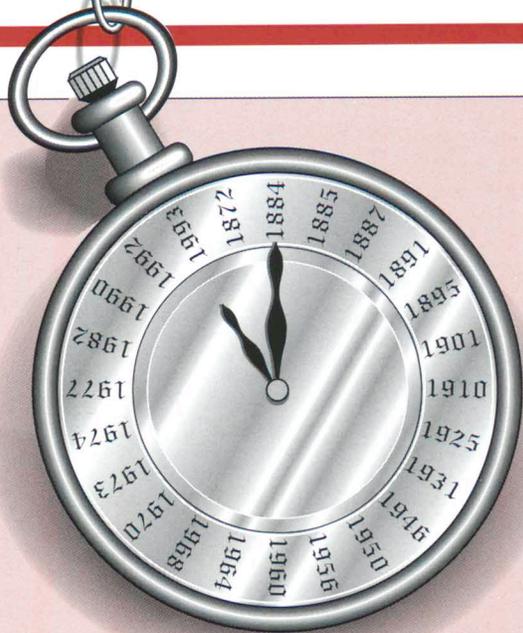
The dedication ceremony took place at a time when Kiesler’s proposal to cut the college’s funding by \$3 million was making news in the Columbia media. The college’s annual budget is about \$12 million. Since then, the proposal has been amended to reduce the cut to \$2 million.

Construction costs for Clydesdale Hall are expected to be more than \$20 million, with 20 percent of the money being provided by the college through its own fund-raising efforts. The state of Missouri will pay 80 percent of the cost.

Hundreds of participants enjoyed a reception inside the building after the ceremonies. The hospital was open for individual, self-guided tours. The teaching hospital has been in actual use since February.

Above: Associate Dean Kenneth Niemeyer serves as master of ceremonies for the dedication. Behind him are seated Chancellor Charles Kiesler and UM System President George Russell. The April 3 event was beset by freezing rain and bone-chilling cold.

HISTORY



1839 - The University of Missouri is the first land-grant university established west of the Mississippi River on the land acquired in the Louisiana Purchase of 1803.

1872 - The first instruction offered in veterinary medicine by Professors H.J. Detmers and L.J. Smith in the agricultural department.

1884 - Dr. Paul Paquin is the first veterinarian appointed to faculty.

1885 - Dr. Paul Paquin becomes head of the first Department of Veterinary Science in the Department of Agriculture.

1887 - The first building for veterinary medicine houses a laboratory on the white campus east and north of the present Memorial Union.

1891 - Dr. John Connaway, a former student of Dr. Paquin, is appointed head of the veterinary science department, a position he holds until 1931.

1895 - Veterinary science is moved from its laboratory building to the third floor of Switzler Hall on Francis Quadrangle.

1901 - The 41st General Assembly appropriates \$12,000 to build the Livestock Building, a limestone structure housing laboratories, a lecture room, a library, an office, two animal rooms and a dissecting room.

1910 - \$15,000 is appropriated to begin construction of Connaway Hall east of Sanborn Field. Its three stories are built with Missouri limestone and contain laboratories, operating rooms, offices, classrooms and a museum.

1925 - A Special Course for Graduate Veterinarians in Connaway Hall becomes the beginning of the annual Short Course, later called the Annual Conference for Veterinarians.

1931 - Dr. Adrian J. Durant is appointed chairman of the Department of Veterinary Science.

1946 - \$240,000 appropriated to establish a School of Veterinary Science.

1949 - The School of Veterinary Medicine formerly established as a part of the College of Agriculture with Dr. Aaron H. Groth chosen as director.

1950 - Dr. Groth's title changed to dean.

of the COLLEGE

- 1950** - June 6 marks the day the University of Missouri - Columbia graduates its first veterinarians (ceremonies are held in Memorial Stadium as a hard rain falls).
- 1956** - \$800,000 of a requested \$1 million is appropriated for a hospital clinic building.
- 1960** - Bids opened for hospital construction, but funds sufficient only to complete the first floor.
- 1960** - The School of Veterinary Medicine gains its administrative autonomy from the College of Agriculture.
- 1964** - Dean Groth resigns and Dr. Burnell W. Kingrey becomes the second dean of the School of Veterinary Medicine.
- 1964** - Appropriation from the state allows the completion of the hospital's second floor.
- 1965** - Class size doubled to 60 students.
- 1968** - *The Faculty News* first published.
- 1970** - *The Faculty News* becomes the *Veterinary Medical Review* when circulation expands to include alumni.
- 1970** - Class size increases to 65 students.
- 1972** - Class size increases to 72, and a block rotation system is initiated.
- 1973** - The 288-acre farm donated by University of Missouri System President Dr. Frederick Middlebush is opened as the Equine Center.
- 1973** - Dr. Kenneth Weide becomes dean.
- 1974** - The school is designated as the College of Veterinary Medicine by the Board of Curators.
- 1977** - The American Veterinary Medical Association grants full accreditation to the college after the Veterinary Medicine Building and the Diagnostic Laboratory are completed and dedicated.
- 1978** - Class size increases to 76 students.
- 1980** - First Veterinary Alumni Day.
- 1981** - Dean Weide resigns, and Dr. Willard Eyestone is appointed as interim dean.
- 1982** - Dr. Robert Kahrs becomes dean.
- 1989** - Class size reduced to 64 students.
- 1990** - Construction starts on Clydesdale Hall, the college's new teaching hospital.
- 1992** - Dean Kahrs resigns, and Dr. H. Richard Adams is appointed interim dean.
- 1993** - Clydesdale Hall, the college's new teaching hospital, is completed and dedicated April 3 (under a freezing rain).
- 1993** - Dr. H. Richard Adams becomes the college's fifth dean.

HAFFEY LEARNS THE DETAILS OF CLYDESDALE HALL SERVING AS LIAISON BETWEEN COLLEGE AND BUILDERS

By Jeff Barrow



Administrator Ron Haffey stands among machinery in the depths of Clydesdale Hall. The inset photo shows the network of seven computers – nicknamed after the Seven Dwarfs – that handle the data base for the entire building.

(photos by Jim Curley)

No one knows Clydesdale Hall better than Ron Haffey, administrator for the new teaching hospital. He worked with Associate Dean **Kenneth Niemeyer, DVM '55**, to coordinate the two-year building project between the college and the architect, engineer and contractor.

“We’ve counted everything — from door-knobs to windows,” Haffey says. “There are zillions of schedules for everything. The detail is incredible.”

Since his job is administering the building’s day-to-day operations, Haffey is probably the best person to have that kind of detailed knowledge. He has worked at the college since 1976, when a new addition at the former teaching hospital created a job opening.

He graduated from MU in 1973 with a

degree in accounting, and worked in the chancellor's office before transferring to the college. His wife got a job teaching at Hickman High School, and they have stayed in Columbia to rear their two daughters.

Haffey said that his understanding of the new building is a big advantage for him.

"I know how it went together, but it's such a complex building that I still don't know how everything operates," he says. "I do know where to look, though, and how to find the answers."

One major difference between the new and old building is in the ventilation. The old building had a marginal capacity with three air-handling units. The new building has 13 monstrous units, Haffey said.

He is glad the new building has sloped roofs and the mechanical equipment is hidden under gables. Not only is the blue roof visually pleasing, it sheds the rain and snow. His memories of the flat roof in the old hospital are of constant leaks and ruined ceiling tiles.

"By far, this is one of the most attractive veterinary hospitals I've seen," he says. "Most others are blocky and flat-roofed with much of the mechanical services exposed. I'm tired of flat roofs that leak, and all flat roofs will leak eventually."

Not only did he oversee and coordinate the construction project, Haffey was instrumental in finding cost-effective equipment to supply the building. He spent a great deal of effort tracking down items such as surgery lights and stainless steel scrub sinks at rock-bottom prices.

The necessity of "scavenging" for equipment resulted from the demand to cut \$8 million from the cost of the new teaching hospital. The project needed to be squeezed into a \$20 million budget.

The list of items needed to adequately equip the new facility was estimated initially at \$7.4 million, but was shaved to about \$1 million so all available funds could be used for obtaining as much square feet as possible. The college saved \$400,000 alone by purchasing 20 sets of surgery lights from a West Virginia hospital that was closing. Numerous contacts were made looking for good used equipment.

"It's kind of a problem now," Haffey says of his wheeling-and-dealing. "The phone is still ringing with people who have some

equipment they want to sell or others inquiring as to possible sources."

Haffey found out about the equipment through a variety of sources. He contacted major medical corporations to locate used equipment around the country. He got a directory of large hospitals in Missouri from the state Department of Health. He heard about opportunities through the grapevine.

His economizing extended into other areas as well. For example, he was able to save two-thirds the cost of shipping by utilizing the Columbia Truck Driving School.

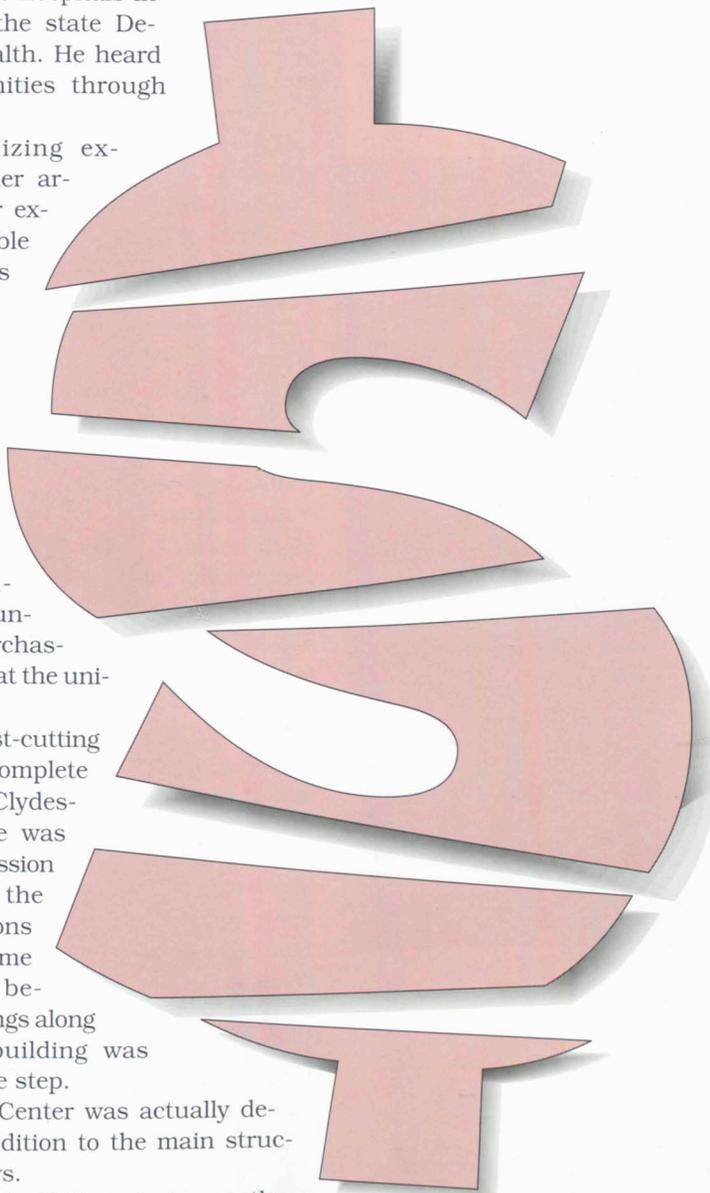
"We pulled off all kinds of maneuvers like that," he says. "we were fortunate to have an understanding purchasing department (at the university)."

This clever cost-cutting resulted in the complete construction of Clydesdale Hall. There was some early discussion about building the facility in sections as funding became available, but because of big savings along the way, the building was completed in one step.

"The Equine Center was actually designed as an addition to the main structure," Haffey says.

The Clydesdale Hall project was the most frustrating and the most rewarding job he has had at MU.

"Not very many people get a chance to participate as closely as I did on a \$20 million project," he says. "It's exciting. It's like building your own house. You plan and you fuss and you worry, and it finally gets completed."



SELF-TAUGHT ARTIST CREATES STAINED-GLASS WINDOW FOR DISPLAY AT CLYDESDALE HALL

by Jeff Barrow

"I don't think of myself as an artist," he said. "I draw something then redraw it and redraw it until I eventually do it right."

Although **Thomas R. Lenz, DVM '75**, has received no formal instruction as an artist, he is not intimidated by the challenge of creating art.

"I don't think of myself as an artist," he said. "I draw something then redraw it and redraw it until I eventually do it right."

A self-taught artist, Lenz started his artistic career in stained glass in 1976 while living in California. He currently lives in Kansas.

"I saw a window that I liked and couldn't afford," he said. "I had a veterinarian friend who worked in stained glass, and he said that it wasn't that hard, and he helped me get started. Making stained glass is easier than everyone thinks."

Lenz donated to the College of Veterinary Medicine a stained-glass window he made specifically for Clydesdale Hall, the new teaching veterinary hospital at the University of Missouri. The colorful scene of farm animals graces the main entrance to the small-animal clinic.

Lenz prefers his creative endeavors to be realistic representations of his subjects. For example, the animals in the stained glass displayed on the western side of Clydesdale Hall are representative of specific breeds. The work portrays a Belgian horse, a Holstein cow, a Hampshire hog, and a yellow Labrador retriever, a calico cat and a game rooster.

"I think things should be as realistic as possible," he said. "Because of that, I'm afraid to do horses. I worry that they won't turn out right."

Perhaps his artistic shyness with horses stems from being too familiar with them. Horses have been Lenz's livelihood for most of his professional life.

After graduation, he started his career as a horse practitioner working with Dr. Dan Evans in Escondido, Calif. In 1977, Lenz moved to Kansas City to start his own practice which merged into a multi-veterinarian operation in 1982, and then he moved to Houston in 1984.

In Texas, Lenz was the resident veterinarian for a brood-mare farm that bred 400 to

500 cutting Quarter Horse mares each year. While there, he earned a master's degree in equine reproduction at Texas A&M, and passed the examination for board certification in Theriogenology.

In 1989, while preparing to pursue an academic career, Lenz was recruited by **Gerald L. Johnson, DVM '56**, to become the equine veterinarian for Miles Inc., Animal Health Division in Shawnee Mission, Kan. Last year, Lenz became manager of Veterinary Technical Services for Miles Inc.

Outside his job, Lenz is busy as well. He serves on the board of directors of the American Association of Equine Practitioners, the examination board of the American College of Theriogenology, and the drug advisory board of the American Veterinary Medicine Association.

He also writes a monthly column on horse health for the *American Quarter Horse Journal* and he is featured on a monthly segment about horse health on ESPN cable television's *America's Horse*.

He is married, has two sons and lives in Stilwell, Kan.

Lenz does most of his artistic work in the evenings. Although he started in stained glass, today he enjoys woodcarving more than the glass work. He discovered carving the same way he got into stained glass. He saw a six-foot wooden Indian that he liked, but carried too high a price tag.

"I bought a book and some tools and now I've carved several six-footers," he said. One of his smaller statuary pieces was auctioned in April at the Gentle Doctor Benefit.

He enjoys studying Native American culture and folklore when carving his statues.

"All the markings on Native American clothing are symbolic," he said. "There's real meaning there. The markings are much more than decoration."

Lenz said he is fascinated by the spiritual side of the Native American culture and enjoys combining his interest in horses with his past-time of carving.

"Horses and Native Americans go together naturally," he said. "They had a relationship with animals, its hard to explain. . . ."



The artist poses with his creation as late afternoon light brightens the colorful glass.

JIM CURLEY

Parents Organizing Committee reaches halfway mark in its commitment to help pay for Clydesdale Hall

Parents Organizing Committee President Jimmy Lawrence appears reluctant to give Dr. H. Richard Adams the microphone during the Gentle Doctor Benefit in which the committee donated half of its fundraising commitment to the college.



JEFF BARROW

The Parents Organizing Committee presented a \$125,000 check to the College April 3 at the sixth annual Gentle Doctor Benefit and Auction at the Hearnes Center.

The check represents half of the com-

mittee's \$250,000 commitment to help pay for the construction of Clydesdale Hall, the college's new teaching hospital. The college must raise 20 percent of the cost of the building, which carries a projected price tag of more than \$20 million.

Hill's Pet Nutrition helps fund Endoscopy Center



JEFF BARROW

Dr. H. Richard Adams accepts an oversized check and shakes hands with Dr. John L. Mara, director of veterinary affairs for Hill's Pet Nutrition, Inc., with Chancellor Charles Kiesler, center, and Dr. Brent Jones, left, standing by.

Representatives of Hill's Pet Nutrition Inc. will give \$85,000 over four years to fund a new Endoscopy Center in Clydesdale Hall. The new center will allow the college to continue its worldwide leadership in the field of veterinary endoscopy.

Dr. Brent Jones, professor of surgery, says the money will help buy up-to-date flexible endoscopy equipment.

"In order to maintain our status as leaders in this field, we need to have state-of-the-art equipment," Jones says.

Company President Bob Wheeler says

his company has developed a relationship over many years with the College. In 1983, the college named one of its team mules "Hilda" in recognition of an earlier grant from the company.

Chancellor Charles Kiesler attended the ceremony in which an symbolic check was presented to Dr. H. Richard Adams, interim dean of the college.

"This is the type of entrepreneurial relationship that is needed," Kiesler says. "I think it should be a model for future growth and development."

Biomedical Science

Dr. Lane Clark, assistant professor, received a grant of \$62,256 for "Ion transport in an animal model of cystic fibrosis" from the Cystic Fibrosis Foundation (duration April 1993 to March 1995). He published "Defective epithelial chloride transport in a gene-targeted mouse model of cystic fibrosis" in *Science* with B.R. Grubb, S.E. Gabriel, O. Smithies, B.H. Koller and R.C. Boucher. Published "Chloride secretory response to extracellular ATP in human normal and cystic fibrosis nasal epithelia" in *American Journal of Physiology* with R.C. Boucher. Published "Sodium- and chloride-conductive pathways in cultured mouse tracheal epithelium" in the *American Physiology Society* with K.A. Burns, J.Y. Bayle, R.C. Boucher and M.R. Van Scott. Published "Histamine-induced Cl⁻ secretion in human nasal epithelium: responses of apical and basolateral membranes" in *American Physiology Society* with A.M. Paradiso and R.C. Boucher. He presented "Extracellular ATP mediates KCl secretion in human normal and cystic fibrosis nasal epithelia" and "Detection of calcium-activated Cl⁻ secretion in airway but not intestinal epithelia of CF mice" at the North American Cystic Fibrosis Conference, Washington D.C. (October 1992). He presented "Detection of Ca⁺⁺ activated Cl⁻ secretion in airway but not intestinal epithelia of CF mice" at Experimental Biology '93 (FASEB March-April 1993).

Dr. Gheorge M. Constantinescu, professor, published "Perineal hernia in a cougar" in the *Journal of the American Veterinary Medical Association* with M. Anderson and E.R. Pope. He co-wrote "Flail chest: Pathophysiology, treatment and prognosis" for *Compendium on Continuing Education for the Practicing Physician* with M. Anderson, J.T. Payne and F.A. Mann.

Dr. M. Harold Laughlin, professor and acting chairman, received \$24,000 from AHA-Mis-

souri Affiliate for "Hypothyroidism: Vascular changes and adaptations to exercise training." Duration from July 1992 to June 1993. He published "Effects of exercise training on vasomotor reactivity of porcine coronary arteries" for *American Journal of Physiology* with C.L. Oltman, J.L. Parker, and H.R. Adams. He published "Effect of exercise training on intracellular free Ca⁺⁺ transients in ventricular myocytes of rats" in *Journal of Applied Physiology* with M.E. Schaefer and M. Sturek. He pub-

NEW FACULTY

Richard Marion

Dr. Richard Marion grew up in Manhattan, Kan., two blocks from the college where, in 1982, he got his degree as a veterinarian. His father taught dairy science at Kansas State University.

In 1983, Marion earned his master's degree in pathology. He has served a three-year residency in large animal surgery at the University of Minnesota, where he also taught on the faculty for two years. He has practiced privately in Missouri, Kentucky, Tennessee, Wisconsin and Minnesota.

Marion arrived in Columbia in January, and he currently is a temporary professor teaching food-animal medicine and surgery. His wife, Jane Ebben, is a technician in equine medicine at the college. They have a 7-year-old daughter.

"We've got a good group of people here," he said. "But there is a real problem with case loads. There are not enough cases to teach with. It's a problem that every university has had to deal with in the past few years."

He said Missouri has a large population of purebred animals, mainly beef, and the college should reach out to cattle owners.

"Any efforts put forth will have to be toward beef," Marion says. "We need to let people know what services are available here."

He is interested in doctorate programs at MU, and will apply for a permanent post at the college. He said his main research interest has always been displaced abomasums in dairy cattle.

Dr. Karla Rugh

Dr. Karla Rugh knew at an early age that her calling in life was to be a veterinarian.

"My family always had animals, and from the time I was 8 or 9, I always wanted to know what the veterinarian knew about animals," she says. "I wanted to know how animals worked, what made them tick. And I was curious how the vet knew what was wrong with them, and how he knew what to do."

Rugh's childhood curiosity set her on a straight path toward a career in veterinary medicine.

She was born in Kansas, but

lished "The association of cardiac ventricular myosin isoforms with hemodynamic factors" for *Medicine and Sport Science* with C.D. Ianuzzo, B. Li, N. Hamilton, L.D. Costa, S.E. Ianuzzo, C.A.M. Barrozo and T.A. Salerno. He published "Exercise training-induced coronary vascular adaptation" for the *Journal of Applied Physiology* with R.M. McAllister. He published "Oxygen delivery at V-O2 max and oxidative capacity in muscles of standardbred horses" for *Journal of Applied Physiology* with R.B. Armstrong,

B. Essen-Gustavsson, H. Hoppler, J.H. Jones, A. Lindholm, K.E. Longsworth, C.R. Taylor and E.R. Weibel.

Dr. Vincent St. Omer, professor, co-wrote with G.E. Rottinghaus "Biochemical determination of cholinesterase activity in biological fluids and tissues" in *Clinical and Experimental Toxicology of Organophosphates and Carbamates*. He published "Biochemical correlates for behavioral deficits induced by secalonic acid D in developing

mice" in *Neuroscience and Behavioral Reviews*. He published "Human/veterinary medicine and the environment" in *Proceedings of the Caribbean Academy of Sciences*.

Dr. Leona J. Rubin, assistant professor, published "Characterization of the inositol transporter in cardiac sarcolemmal vesicles" in *Journal of Cellular Molecular Cardiology* with C.C. Hale. She co-wrote with F. Hsu and W. Sherman "Measurement of inositol trisphosphate in sub-milli-

lived most of her life in Arizona before returning to Kansas to finish high school and enter college. She graduated in 1974 from Kansas State University.

She went into private practice for about six years, where she worked in a mixed, a small-animal and a large-animal practice and also in emergency veterinary medicine.

In 1980, she came to the University of Missouri for a two-year residency in veterinary anesthesiology. She remained at MU to pursue a Ph.D. and post-doctoral fellowship in cardiovascular physiology.

Her dissertation research concerned cardiac function in ponies during exercise. Her major advisor was Dr. Harold Garner, professor emeritus at the college. Her particular research interest was in the development of collateral circulation response to myocardial ischemia.

"The predominant application for this research is human medicine," she said.

Her scholarly interests earned an individual National Research Service Award from the National Institute of Health. She also has

been published in several refereed journals.

As a temporary faculty member, Rugh works as a large animal anesthesiologist. She teaches third and fourth year students under clinical conditions.

She is married to Dr. Jim Lattimer, a veterinary radiologist at the college, and they have a 2-year-old son, Christian.

Dr. Dennis Schmitt

After earning four degrees from MU, **Dennis L. Schmitt, DVM '78**, certainly understands how the system works. Now he has returned to his alma mater to teach veterinary medicine and to utilize the resources of a world-class university.

"I like what I see here," he said. "There have been some good changes, but there are still a lot of the same faces. I've stayed in touch, particularly with Dr. [Clifton N.] Murphy."

Schmitt received his bachelor's, master's, DVM and Ph.D. from MU. He is board-certified in theriogenology. He has taught veterinary science and physiology at

Southwest Missouri State University in Springfield for seven years.

"A lot of the vet students here, I had down there," he said. About a dozen of the 64 students in the Class of 1994 were his students in Springfield.

He was hired in January for a one-year term to fill in while Dr. Robert Youngquist serves as interim chairman of veterinary medicine and surgery. He lives in Columbia during the week and commutes on weekends to be with his wife and younger son near Branson, Mo. His oldest son is a sophomore in college and his youngest is a freshman in high school.

Although he is not able to seek grants for new funding as a temporary faculty member, Schmitt said there are a lot more resources at the University for research. He would like to get a full-time position here to further his research, which is primarily related to his past work in embryo transfer and his experience of ultrasound guided oocyte collection and *in vitro* fertilization. He is especially interested in the reproduction of elephants, both Asian and African, as well as several other species using assisted reproductive technologies.

Chastain takes interim associate dean position

C.B. Chastain, DVM '69, says he regards his current job as interim associate dean for academic and alumni affairs like that of a professional baseball player.

"I play at the wish of the manager — here today, gone tomorrow," he said. "I want to do as good a job as I can, but I'm keeping an open mind. I see the 'interim' part of my job title in capital letters."

Chastain has thrown his hat in the ring for the full-time post being vacated by **Kenneth Niemeyer, DVM '55**, who retired last August as associate dean, but offered to stay until May in order to make the interim dean's transition into the job more manageable.

"Dr. Niemeyer has done the job so long and so well that he's made it look easy," Chastain says.

Chastain says the associate dean's most important function among numerous duties concerns admission to the college. There are 231 qualified applicants this year for 64 openings.

Chastain is familiar with maintaining a busy and varied schedule. In addition to teaching and research, he is an accomplished writer.

He has written a textbook on clinical endocrinology of companion animals that has been translated for international editions. He co-edits a publication that abstracts articles on endocrinology. He publishes a monthly newsletter for practicing veterinarians titled *Vector*. This newsletter is read by more than 250 subscribers around the country.

"My goal with the newsletter is to encourage students, interns and residents to develop their writing skills," Chastain says. "Writing is like a muscle, if you don't use it then it will atrophy. And you can't write in secret. You've got to get comments from readers."

Chastain has recently entered the

world of television. He is featured monthly on the local NBC affiliate in Columbia. He appears on the *Pepper and Friends* show, where he dis-

cusses preventive medicine tips for animal owners.

The main activity that he has dropped is serving as the primary clinician on a case. He will still serve as a consultant.



Dr. C.B. Chastain

Chastain is board-certified in internal medicine. He earned a master's degree in veterinary clinical science from Iowa State University. There he was offered a chance to teach, and from that first teaching post, he has never looked back at private practice.

"I really like studying, and in private practice it's not really appreciated by the public — it's not visible," he said. "But in academia, I would be rewarded adequately for my interests."

He has taught at Iowa State and Louisiana State University. In 1982, he returned to Columbia and accepted a faculty position at the University.

His wife works as a library clerk at a local elementary school, and they have two daughters, 14 and 11.

He said there are two areas that he is interested in exploring as associate dean. First, he would like to find a way to evaluate the college's curriculum more objectively. He would like to achieve an internal and external evaluation so that changes in curriculum can be based on objective assessments.

Second, he wants students to feel that they can come to him with their problems. "I can't always solve the problem, but I'll try to handle it as fairly as possible," he said.

gram quantities of tissue by gas chromatography/mass spectrometry: Femtomole sensitivity provided by negative ion chemical ionization mass spectrometry" in *Lipid Metabolism in Signaling Systems*, a volume of *Methods in Neuroscience*. She presented "Inositol transport in cardiac sarcolemmal vesicles" at the American Physiological Society Conference on Cellular and Molecular Biology of Membrane Transport in Orlando, Fla. (November 1992).

Diagnostic Laboratory

Dr. Alex J. Bermudez, assistant professor, received \$7,150 from USDA Formula Funds for "Characterization of enteric disease caused by *Fusarium moniliforme* culture material in turkeys. Duration from September 1992 to September 1993. He published "Effects of feeding *Fusarium moniliforme* culture material containing known levels of Fumonisin B1 on the young broiler chick" in *Poultry Science* with T.S. Weibking, D.R. Ledoux, J.R. Turk and G.E. Rottinghaus.

Dr. Lanny W. Pace, assistant professor, published "Serum levels of tumor necrosis factor-alpha in calves experimentally infected with *Pasteurella haemolytica*" for *Veterinary Immunology and Immunopathology* with J.M. Kreeger, K.L. Bailey, S.E. Turnquist and W.H. Fales. He published "Transcutaneous oxygen monitoring for predicting skin viability in dogs" for the *American Journal of Veterinary Research* with M.C. Rochat, E.R. Pope, and C.C. Wagner-Mann. He published "Evaluation of skin viability in dogs, using transcutaneous carbon dioxide and sensor current monitoring" in *Journal of Veteri-*

nary Research with M.C. Rochat, E.R. Pope and C.C. Wagner-Mann.

Dr. George E. Rottinghaus, associate professor, received \$41,000 each year for three years (this is the second year) from Joint Project Missouri/Arkansas: Center of Excellence in endophyte/grass research special grant funds for "Quantification of and dose response to fescue toxicoses" with D. Spiers and G.B. Garner. He published "Aldrin intoxication and residue clearance in a group of feedlot cattle" in the *Journal of the American Veterinary Medicine Association* with S.W. Casteel, T.F. Satalowich, J.D. Kendall, H.S. Gosser and N.R. Schneider. He published "Efficacy of a hydrated sodium calcium aluminosilicate to reduce the toxicity of aflatoxin and diacetosyringipenol" in *Poultry Science* with L.F. Kubena, R.B. Harvey, W.E. Huff, M.H. Elissalde, A.G. Yersin and T.D. Phillips. He published "Fumonisin toxicity in turkey poults" for *Journal of Veterinary Diagnostic Investigation* with T.S. Weibking, D.R. Ledoux, and T.P. Brown. He published "Effects of fumonisin B1, in *Fusarium moniliforme* culture material on the young broiler chick" for *Poultry Science* with T.S. Weibking, D.R. Ledoux, and A.J. Bermudez. He presented "HPLC determination of ergopeptine alkaloid contamination in ground feeds and determination of ergovaline in tall fescue" at the Symposium on Modern Methods of Analysis for Xenobiotics and Natural Toxins in Atlanta (March 8-12, 1993).

Dr. James R. Turk, associate professor, published "Pneumonia associated with *Salmonella choleraesuis* infection in swine: 99 cases (1987-1990)" for the *Journal*

of American Veterinary Medical Association with W.H. Fales, C.W. Maddox, M.A. Miller, L.W. Pace, J.R. Fischer, G.C. Johnson, J.M. Kreeger, S.E. Turnquist, J.A. Ramos and H.S. Gosser. He published "Pleuropneumonia in Missouri swine" for *Journal of Veterinary Diagnostic Investigation* with W.H. Fales, C.W. Maddox, J.A. Ramos, J.R. Fischer, G.C. Johnson, J.M. Kreeger, M.A. Miller, L.W. Pace, S.E. Turnquist and H.S. Gosser.

Medicine and Surgery

Dr. Philip Johnson, assistant professor, attended the British Equine Veterinary Association Congress in the United Kingdom in September.

Dr. Brent Jones, associate professor, received the American Animal Hospital Association Award which is given to a veterinarian who has made significant contribution for the betterment of small animals. He presented "Approach to the chronic diarrhea patient and formulation of a differential diagnosis," "Case presentations: Chronic Diarrhea," "Pathophysiology and therapy of vomiting," and "Endoscopy laboratory" at the World Small Animal Veterinary Medical Association in Rome in September.

Dr. Clifton Murphy, clinical associate professor, attended the 12th International Congress on Animal Reproduction in the Netherlands in August and September.

Microbiology

Dr. Gary K. Allen, assistant professor, received \$108,000 in funding from the USDA National Needs Fellowship for "National needs training grant in biotech-

nology as related to food animal health and production with G.M. Buening, J.N. Berg, C.A. Carson, C. Maddox, B.K. Ray, C. Besch-Williford, R.R. Hook, G.S. Johnson, L.K. Riley, J.E. Wagner, H.R. Adams, V.K. Ganjam, C.C. Hale, L.J. Rubin and W.V. Welshons. He published "Release of tumor necrosis factor-alpha from bovine alveolar macrophages stimulated with bovine respiratory viruses and bacterial endotoxins" in *Veterinary Immunology and Immunopathology* with S.E. Bierhoff and J.N. Berg. He published "A prospective study of septicaemia in colostrum-deprived foals" in *Equine Veterinary Journal* with J.A. Robinson, E.M. Green, W.H. Fales, W.E. Loch and C.G. Wilkerson.

Dr. John N. Berg, professor, explored the feasibility of setting up a cooperative research project on "epidemic foot rot" in dairy cattle, Portland, Oregon.

Dr. C. Andrew Carson, professor and chairman, received \$390,000 from USDA Food Safety Inspection Service Contract for "Study of *E. coli* contamination of poultry, pork and beef; Preparation of test standards for *Listeria* and *Salmonella* pathogens in meat products" (1992-1997). He is collaborating on protozoan disease research with scientists at the Institute of Tropical Medicine in Belgium; Brigham Young University in Provo, Utah; the University of South Wales in Australia; Queensland DPI in Australia, the USDA in Pullman, Wash.; and NADL in Ames, Iowa. He published "Chromosomes of *Babesia bovis* and *Babesia biemina*" in *Molecular and Biochemical Parasitology* with B.K. Ray, C.W. Bailey, and J.B. Jensen.

Congratulations

Professor Garner named to equine research hall of fame

Dr. Harold E. Garner, professor of veterinary medicine and surgery, has been named the 15th member of the International Equine Research Hall of Fame at the University of Kentucky.

"It's a great honor to be named as one of the top equine researchers in the world," Garner says. "Several of the past Hall of Famers received their awards posthumously for important research, some for research in the 19th century."

Candidates for the Hall of Fame must be researchers who have contributed a significant body of research during an extended period of time. Inductees to the Hall of Fame are selected by an international committee of equine scientists.

Garner's outstanding research established the heart model for comparative coronary studies. In 1986, Garner and Ronald Sprouse, professor of pathology, completed

development of an anti-endotoxin vaccine.

Endotoxemia is a frequent complication of laminitis that kills thousands of horse each year. In 1989, the champion racehorse Secretariat died from the disease.

Associate Dean Niemeyer selected as Vet of the Year

The Missouri Veterinary Medical Association has named **Kenneth Niemeyer, DVM '55**, as the Veterinarian of the Year for 1993. This is the association's most prestigious award.

The award was given because of Niemeyer's outstanding services and contributions to the veterinary profession, the public and the community.

Niemeyer retired last year as associate dean for academic and alumni affairs. He has continued on in this post to assist the transition of the interim associate dean, **C.B. Chastain, DVM '69**.

Dr. R. M. Corwin, professor, attended the North American Veterinary Conference in January in Orlando, Fla., and attended the Southern Conference of Animal Parasitologists in March at Virginia Tech University in Blacksburg, Va. He was accepted for publication "Intensive-rotational grazing and internal parasitism of Missouri stocker calves treated with ivermectin" in *Agri-Practice* with S.E. Marley. He wrote chapters

on "Internal parasitism" in *Diseases of Swine*, Iowa State University Press; Anthelmic therapy in *Current Veterinary Therapy - Food Animals Practics III*; Cryptosporidiosis: A Coccidiosis of Calves in the *Compendium of Continuing Education Practicing Veterinarian*; and *Sheep and Parasites Don't Mix - Part 1 and Part 2* in *Agri-Prac*.

Dr. D. Mark Estes, assistant professor, received \$4,500 from MO-AES Animal Health Funding for "Immunoglobulin isotype regulation in cattle - development of methods for improving vaccination strategies for optimal immunoglobulin production through cytokines." He received \$2,961 from Council on Research, College of Veterinary Medicine for "Evaluation of the immune response to stress proteins in bovine babesiosis." He received \$1,200 from Food for the 21st Century Infectious Disease Cluster for "Establishment of bovine scid chimeras for evaluation of hapten-carrier responses in vivo." He received \$22,500 from USDA Animal Health Formula Funds for "Molecular cloning and sequence analysis of the bovine CD40 homologue: Role in costimulation and activation of B cells." He published "Characterization of an unusual cell type (CD4+ CD3-) expanded by Mesocostoides corti secreted molecules and related to the stress response" in the *Journal of Immunology*.

Dr. Theodore J. Green, associate professor, will receive the 1992-93 Gold Chalk Award for the College of Veterinary Medicine. He attended a Research Collaboration Seminar at Purdue Veterinary School in Indiana.

Dr. Bimal K. Ray, associate professor, received \$48,650 each year from the NIH for "Regulation of serum amyloid A protein synthesis." Duration of the grant is 1992-94. received \$3,500 from CVM-COR for "Characterization of transcriptional enhancer inserum amyloid A gene." He published "Identification of novel inducible nuclear factors that interact with the acute phase responsive promotor element of

rabbit alpha-1-acid glycoprotein gene" in *Biochemistry, Biophysics Research Community* 189 with A. Ray. He published "Cloning and structural characterization of a rabbit genomic DNA for alpha 1 acidglycoprotein" in *Biochemistry, Biophysics Research Community* 185 with A. Ray. He published "Chromosomes of *Babesia bovis* and *Babesia bigemina*" in *Molecular Biochemistry Parasitology* with C.W. Bailey, J.B. Jensen and C. A. Carson.

Dr. T.J. Thorne, associate professor, attended the National Board Examination Workshop in Chicago. He received \$8,184 from USDA Formula Funds for "Evaluation of the prevalence, distribution and seasonality of the bovine lungworm *Dictyolcaulus viviparus* in Missouri cattle." He received \$390,000 from USDA Food Safety Inspection Service for "Preparation of reference meat specimens for bacteriology laboratory certification." He published "Herd Health Maintenance" in the Missouri Cow-Calf Manual, 1992, for Extension publications.

Pathology

Dr. Cynthia Besch-Williford, assistant professor, published "A review of the cilia-associated respiratory bacillus" in Charles River Laboratories Reference Paper with D.C. Cundiff and L.K. Riley. She published "New Zealand white mice: An experimental model of exencephaly" for *Laboratory Animal Science* 43 with C.M. Vogelweid, D.W. Vogt and S.E. Walker. She published "Premature death with bladder outlet obstruction and hyperprolactinemia in New Zealand black x New Zealand white mice treated with ethinyl estradiol and 17 betaestradiol" for *Arthr Rhem*

Michael Tarry steps down as director of development

After eight years and more than \$8 million in gifts and pledges, Michael Tarry is leaving his post as



Michael Tarry

director of development. He will be moving this summer to take the job of director of financial development for the American Red Cross in Kansas City.

"I certainly will miss the association with friends of the college who have been so supportive and encouraging," he says. "At some point, donors stop being donors and start being good friends."

Tarry said he did not seek the position, but that the Red Cross contacted him. He added that the timing is good for his family to move. This spring his daughter graduated from high school and his wife received her master's degree in environmental design.

"We felt if (my wife) were to

pursue her career, we would need to relocate in a larger urban area," Tarry says. "She has always been good about following me, now it's my turn."

He says he is proud of his accomplishments at the college. Since July 1987, he has exceeded by 140 percent the fund-raising goal for that period, raising \$8.39 million in gifts and pledges. Nearly \$4 million of that is slated to help pay for the construction of Clydesdale Hall.

"This period has been a great opportunity," Tarry says. "Our alumni and other supporters have been very generous and exceeded any of our expectations."

In light of recent indications that the college's budget may be cut, Tarry says the broad-based support system for the college will start to rev up.

"Whenever the financial security of the college is threatened, the university learns very quickly that the supporters are out there and they are a loud group — both private citizens and public officials."

with S.E. Walker, R.W. McMurphy and D.H. Keisler.

Dr. Diane D. Cundiff, postdoctoral fellow, published "A review of the cilia-associated respiratory bacillus" in Charles River Laboratories Reference Paper with C.L. Besch-Williford and L.K. Riley.

Dr. Reuel R. Hook, associate professor, published "Rheumatoid factor and isotypic responses in BALB/c mice infected by *Plasmodium berghei*" for the *Journal of the American Osteopathic As-*

sociation with M.K. Stuart and T.J. Green. He published "Development of a competitive inhibition ELISA for identification of *Bacillus piliformis* isolates in laboratory animals" in *Laboratory Animal Science* with G.P. Boivin and L.K. Riley.

Dr. Gary S. Johnson, associate professor, received a CVM-COR grant for "A DNA marker for carriers of bovine protoporphyria." The grant's duration is March to November 1993.

Dr. Darrell A. Kinden, associate professor, published "Glucose-6-phosphate deficiency in an American Saddlebred colt" in *Veterinary Pathology* with J. Harvey, K. Curtis and S.L. Stockham.

Dr. LeRoy D. Olson, professor, received a CVM-COR grant for "Evaluation of live and killed salmonella scharzengrund vaccines for *S. choleraesuis* infection in swine." The grant's duration is March to November 1993. He published "Comparative susceptibility of caponized and uncaponized tom turkeys to *Pasteurella multocida*" for *Avian Disease* with R.L. Friedlander and E.L. McCune. He published "Histologic pattern of testicular regrowths in caponized toms" for *Avian Disease* with R.L. Friedlander and E.L. McCune.

Dr. Lela Riley, assistant professor, was awarded a continuation grant from NIH for "Molecular Basis of Tyzzer's Disease in Research Animals." The grant's duration is from 1993 to 1994. She published "Subclinical infection and transmission of Tyzzer's disease in rats" in *Laboratory Animal Science* with S.L. Motzel; she published "A review of the cilia-associated respiratory bacillus" in Charles River Laboratories Reference Paper with D.C. Cundiff and C.L. Besch-Williford. She published "Development of a competitive inhibition ELISA for identification of *Bacillus piliformis* isolates in laboratory animals" in *Laboratory Animal Science* with G.P. Boivin and R.R. Hook Jr.

Dr. Earl K. Steffen, research assistant professor, published "Epizootic fatal dermatitis in athymic nude mice due to *Staphylococcus xylosum*" for *Labora-*

tory Animal Science with J.F. Bradfield, J.E. Wagner, G.P. Boivin and R.J. Russell. He published "Behavioral and physiologic effects of inapparent wound infection in rates" for *Laboratory Animal Science* with J.F. Bradfield, T.R. Schachtman and R.M. McLaughlin.

Dr. Steven L. Stockham, associate professor, received a CVM-COR grant for "Characterization of Equine Glucose-6-phosphate dehydrogenase deficiency and detection of heterozygous state." The grant's duration is March to November 1993. He published "Glucose-6-phosphate deficiency in an American Saddlebred colt" in *Veterinary Pathology* with J. Harvey, K. Curtis and D. Kinden.

Dr. Larry Thornburg, associate professor, published "Four essential components of veterinary education for the 21st Century - special commentary" for *Journal of the American Veterinary Medicine Association*.

Dr. Joseph E. Wagner, professor and chairman, published "Epizootic fatal dermatitis in athymic nude mice due to *Staphylococcus xylosum*" for *Laboratory Animal Science* with J.F. Bradfield, G.P. Boivin, E.K. Steffen and R.J. Russell.



The Sixties

Darrell C. Payne, DVM '61, was elected as the District 7 (Missouri, Kansas, Oklahoma) director to the executive board of the American Association of Bovine Practitioners.

The Seventies

Sally Jean Potter Burd, DVM '78, announces the birth of Susan Rose Burd, her fourth child and third daughter. She has been in a mixed-animal solo practice since 1991 in Wright County.

The Eighties

Diana S. Webster, DVM '81, opened her own practice in 1991, the Northland Cat Clinic in Kansas City.

Elizabeth Sue Hussey, DVM '89, is a member of the Columbia Board of Health. She announces her engagement to Charles Fairfax, M.S. '89.

Russell to be inducted as AVMA president

More than most people working in the veterinary professions, **Leon Russell, DVM '56**, represents an emerging trend toward interdisciplinary approaches.



Dr. Leon Russell

His induction this summer as president of the American Veterinary Medical Association will give him a platform from which to guide organized veterinary medicine into

the future.

"Our challenge is to get industry, private practice, academia and government working together," he says. "Organized veterinary medicine gets all aspects of the profession involved."

In both his education and professional experience, Russell is living proof of combining different disciplines. Russell has been a professor for 33 years at Texas A&M. He teaches at the colleges of veterinary medicine, agriculture and medicine. In addition to his degree in veterinary medicine, he has a master's degree in public health and a Ph.D. in microbiology.

Russell is following the path blazed by his classmate **Gerald Johnson, DVM '56**, who was AVMA president two years ago. The president serves a one-year term. As president, Johnson formulated a curriculum for Fourth Graders to introduce them to the veterinary professions. Russell says he intends to publicize and distribute the course material around the country during his tenure.

"We've funded the development of this educational program, now we need to raise money to implement and distribute it," Russell says. "We need to educate people about how to care properly for animals, and teach them what true animal welfare is."

Russell would like to build upon the work started by Johnson. After the Fourth Grade program is running, Russell would like to begin developing a

program for high school students.

"I'd like to have a symposium on this at the '94 convention (of the AVMA)," he says. "We need to start developing guidelines for how to use animals in the classroom — combining science education with care and welfare of animals."

In addition to education, Russell sees food safety and extra-label use of drugs to be major issues facing veterinarians. He sees the role of organized veterinary medicine as educating the public and lobbying public officials.

Russell said he has been travelling around the country as president-elect of the AVMA and has a few observations about the profession.

"It's inspiring to see how versatile the profession is, and how professional the veterinarians are in both attitude and aptitude," Russell says. "There are so many species and so many specialties — it's amazing. And there is a lot of job satisfaction, from sheep production medicine to tropical birds, people are happy and self-satisfied. It makes you feel good."

Johnson to serve as president of MU alumni association

When **Gerald L. Johnson, DVM '56**, began getting active with the Alumni Association, he never thought he would become its president.



Dr. Gerald L. Johnson

"That never entered my mind," Johnson said. He first got involved in 1966 when he was elected to represent the College on the alumni board of directors. "Golly, I was just a peon,

and the presidency was something for important people.

"You just never know what will happen if you stay around long enough," he added. "I'm living proof."

Johnson is the first alumnus of the college to be president of the Association. He said he is only the third

veterinarian in the United States to serve as president of an alumni association.

"Oogie Martin of Auburn was the first," Johnson said.

Johnson has been involved in both professional and alumni organizations since he graduated, including serving as president of the American Veterinary Medical Association. He started his career in private practice, and moved into industry 12 years later. He currently works at Miles Laboratories in Prairie Village, Kan.

"I'm the type who has always been deeply involved and committed all my life," Johnson says. "I jump in with both feet and all my arms."

Johnson believes that his one-year term as president will be both eventful and exciting. He says this is a challenging time for the University. He thinks there is some misunderstanding and disgruntlement among alumni.

"A lot of alumni are upset," Johnson said. "Most disgruntled people are unhappy because they don't know or don't understand what is going on."

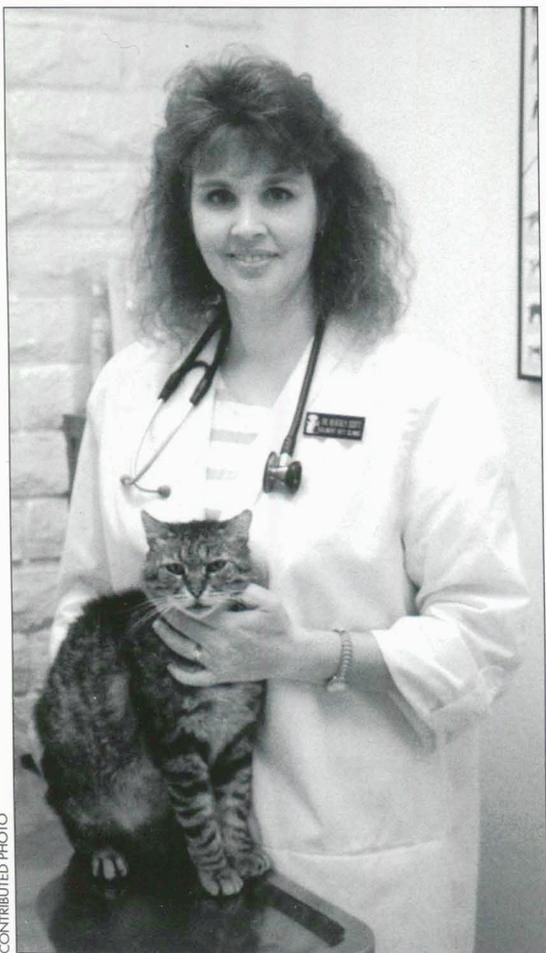
"We've got a change of leadership and changes in philosophy at MU," he added. "My goal is to communicate with all the districts, to go out and talk to people and to legislators about how proud we are of this institution. You've got to believe in where you come from."

Johnson showed his continuing support of the college by delivering the keynote address at the 1993 commencement exercises. His speech highlighted the wide variety of opportunities available to persons educated as veterinarians.

Johnson thinks Chancellor Charles Kiesler is correct in pointing out the excellence in programs at MU, and in striving as an institution for national and international prominence.

"(Kiesler) inspires people to make a great institution even greater."

"We've got to give back to our alma mater. We are where we are because of our education, and especially our higher education. If you don't like what's going on, then you've got to get involved, make suggestions and make a difference."



Beverly Scott honored as Alumna of the Year

nary medicine is the best way to do this."

Changes are inevitable, she says, and veterinarians must stay organized to ensure that the changes are the best ones for veterinary medicine.

"There's going to be changes, and we need to be reactive to changes that occur, and also proactive on finding different areas that people of our training and profession have to offer. We have the underlying knowledge to go into different areas and a good basis for understanding. I think that foundation is a good one to build on and branch out."

Scott is known as the "education president" for the advances she made

in public education and outreach in Arizona. She has developed programs for schools and libraries. She was involved in starting a Pet of the Year contest and Pet of the Week poster programs.

"It's very important to develop public education so we can increase awareness of what can be done and what should be done for an animal's health. Most people want to do what's right, they just don't always know what is right, and why it's right."

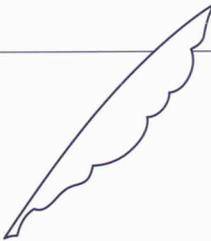
Scott comes from a deep veterinary background. Her father, **A.D. Allen, DVM '61**, received his doctorate at MU and later served on the faculty at the college. Her brother **Kent Allen, DVM '79**, is an equine veterinarian.

"After church we'd stop off at the clinic to see interesting cases," Scott says. "I always wanted to get into veterinary medicine, there was never any pressure."

Her father gave her the appreciation for knowledge and the perseverance to succeed, she says, and her mother gave her the tact to achieve her goals.

"They gave me excellent support. I never questioned whether I could obtain my goals. I feel like it's an accepted thing."

The Alumna of the Year honor is a highlight in her career. "I was honored and overwhelmed. It's quite honestly the greatest recognition award I'll ever receive."



Jefferson Club

Don Buchta, Lohman, Mo.

Roger Buchta, Lohman, Mo.

Clay M. Hubach, Raymore, Mo.

Ralston Purina Co., St. Louis

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St. Joseph, Mo.

Dr. and Mrs. C.B. Chastain,
Columbia, Mo.

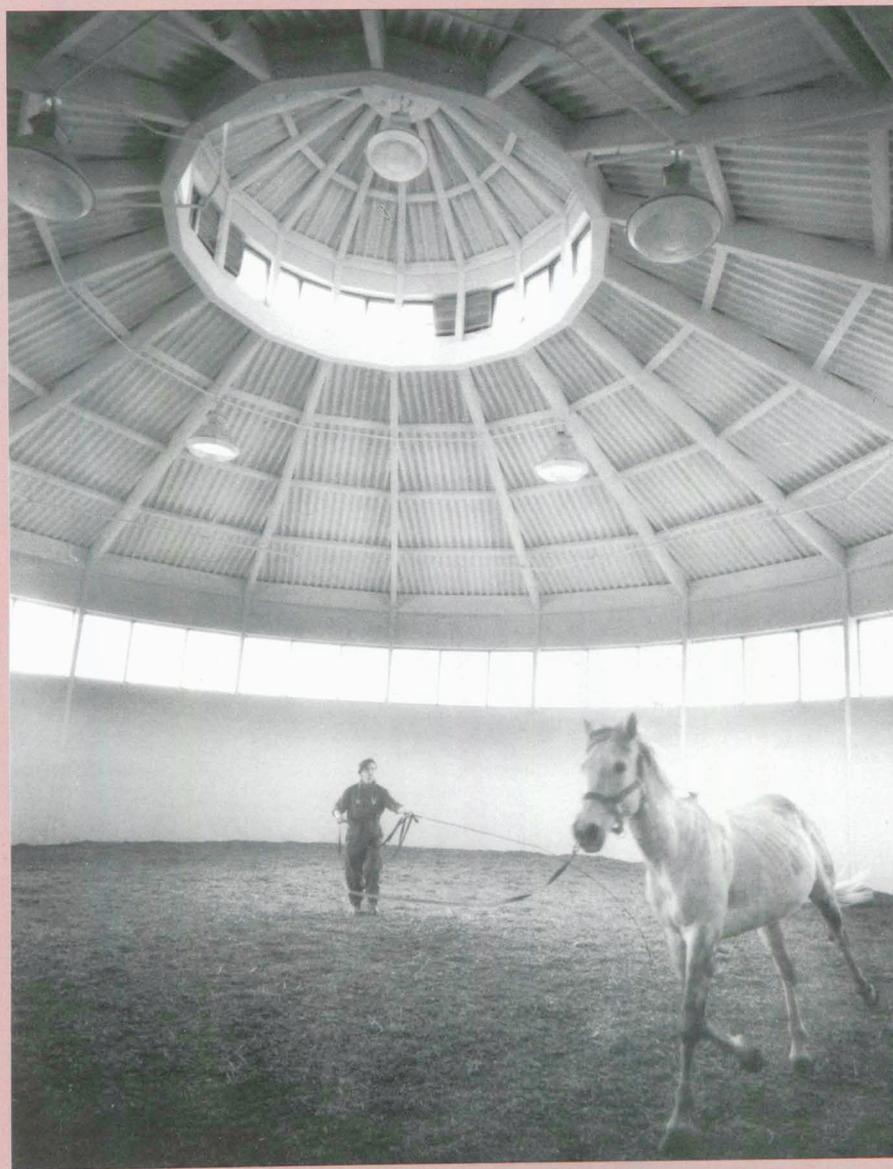
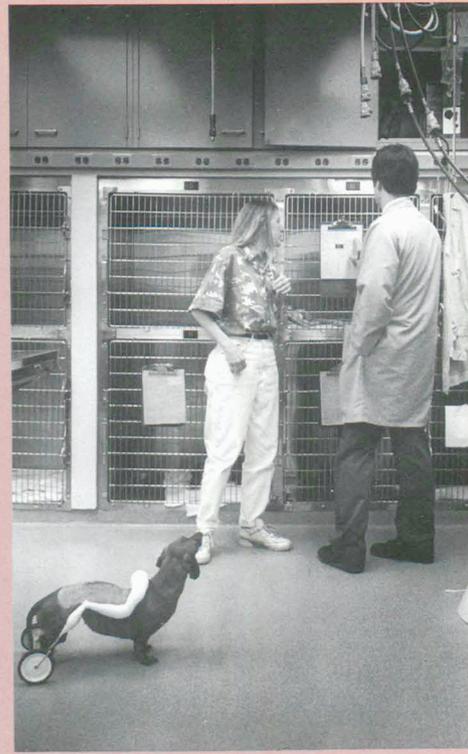
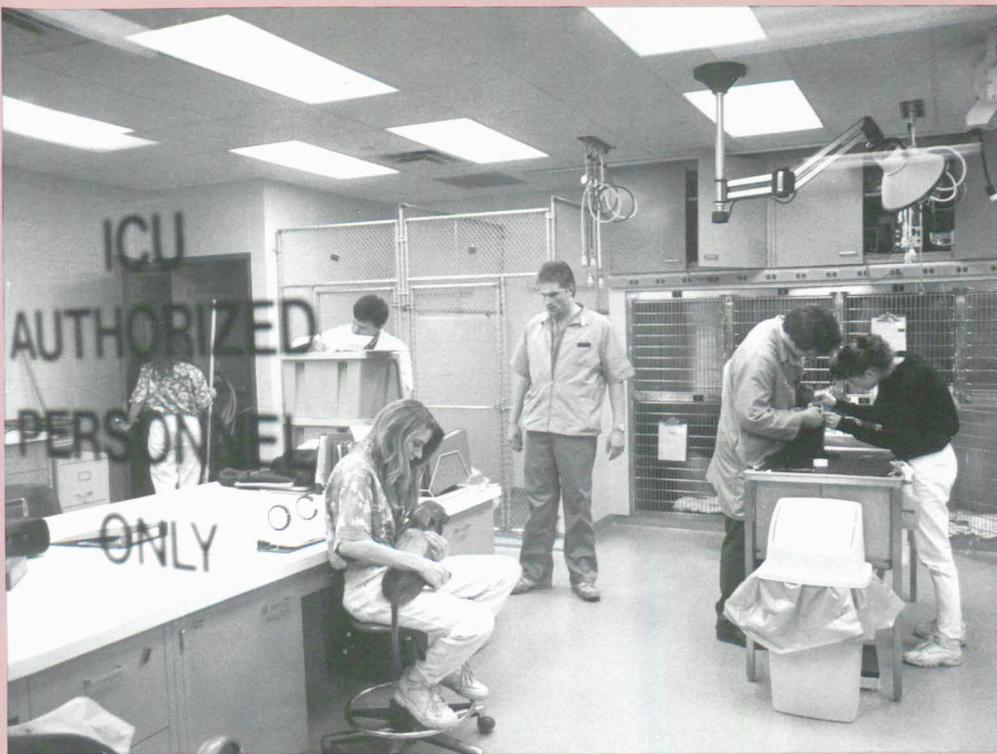
Dr. and Mrs. Thomas R. Lenz,
Columbia, Mo.

For more information on how you can join the Jefferson Club and invest in Mizzou's College of Veterinary Medicine, write the development office, W203 Veterinary Medicine, Columbia, MO 65211, or call (314) 882-3768.

Beverly Allen Scott, DVM '78, said that although she was not the first female president of the Arizona Veterinary Medicine Association, she was the first pregnant president. That distinction, however, is not the reason she was selected as Alumna of the Year for MU's College of Veterinary Medicine.

Again and again, nominating letters mentioned Scott's commitment and energy in serving on professional associations since starting private practice in 1979. She works in a small-animal practice in Gilbert, Ariz. with three other veterinarians. Although her husband, Frank Huppenthal, and her two children (ages 2 and 3) absorb much of her time and energy, she still is committed to organized veterinary medicine.

"It's important to work together to maintain high standards and to work together on our problems. Organized veteri-



Top (both): The Intensive Care Unit is a busy place in the new teaching hospital.

Directly above: A horse is monitored on the treadmill.

Right: A veterinarian student lunges a horse in Clydesdale Hall's circular ring.



College Mascots Hilda and Louise endure the freezing rain during the dedication of Clydesdale Hall. Their teamster, veterinarian student Mandy Fales, smiles under the shelter of a felt hat.

Veterinary

medical review

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