

Kansas State University
College Of Veterinary Medicine

SUNFLOWER

ROADS



VOLUME 4 ISSUE 3
Summer 2004



- Research Programs on the Move at CVM
- Love Me, Love my Cats -- and Dogs!
A couple plans for their companions' futures
- Association of Women Veterinarians
Veterinarian of the Year

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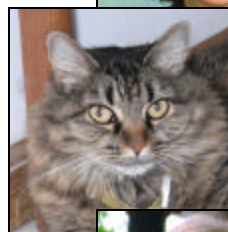
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Continuing Education

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The COVERS



FRONT COVER

Dr. Silvia Mora, left, is a veterinary research scholar mentor from K-State's division of biology. She watches Verne' Dove, fourth-year veterinary medicine summer scholar from from Melbourne, Australia, work during this summer's program..

The program includes faculty mentors from all three College of Veterinary Medicine departments, the College of Arts and Sciences division of biology, department of biochemistry or department of entomology. Students come from K-State, other veterinary medicine colleges in the U.S. and from colleges overseas. Read more in the story on page four.

COVER PHOTO CREDITS

Dave Adams, Photographer, K-State, College of Veterinary Medicine, Instructional Technology Center (ITC)



BACK COVER

Hope Havenstein and Beetle check out a clover bloom from the back yard. Cheri Ubel, CVM Alumni Affairs Coordinator, is Hope's grandmother and Beetle's owner.

Preparing for the future....

Dear Friends of the College,

As Dr. Larry Morehouse states in this issue of Sunflower Roads, his earliest educational experiences in a one-room schoolhouse "prepared me well for what was to come". Isn't that what all education should be about? From my perspective, preparing veterinary students, interns, residents, graduate students and even new faculty members for the future is what we strive to do here at K-State!

I'm tremendously proud of K-State's faculty, staff and students as they prepare for "what is to come". Because many people have worked hard over the years to articulate the need for biosecurity facilities, we are privileged to have a BL3 laboratory in Mosier Hall and a one-of-a-kind, state-of-the-art BL3-Ag

building coming on line in 2006. Our students can enroll in a dual Master's of Public Health/DVM program, which will position our graduates among the elite of those impacting the health and welfare of the world's human population.

Building on a long history of cross-cultural experiences, we continue to provide opportunities for students, faculty and staff to grasp a world view of veterinary medicine. Nigerian, Puerto Rican, and, most recently, Costa Rican veterinary students have enriched our classroom and laboratory experiences. Foreign graduates also participate in our clinical licensure training and graduate programs. Early admission, outreach to students from junior high age and up, a combined DVM/Master's degree program, a feedlot certificate program and mentoring programs are a few examples of how the CVM is proactively approaching our profession's ever changing needs.

We recognize all the positive areas we are touching but realize we need to focus energies to better meet society's needs and diversity. Our student body lacks ethnic and racial diversity, despite an increasing national population of Asian-Americans, Latinos, and African-Americans. Will our profession meet the cultural expectations of tomorrow's society? Nearly 80% of new graduates enter companion animal practice. Are we creating such a narrow base of veterinarians that we will not meet expectations for food animal veterinary medicine, researchers, teachers, and public health, laboratory animal, and other non-private practicing arms of our profession?

In 1985, our profession admitted 10 new veterinary students for every one million U.S. citizens. In 2004, despite increasing numbers of nationally available positions, we offered only nine positions per million people. Population growth curves predict that by 2015 we will admit only seven to eight new students per million. Will we experience a severe shortage of veterinarians if we don't increase class size or open more veterinary colleges? Veterinary specialists are establishing specialty care companion animal practices in metropolitan centers at unprecedented rates. Will there be any need for people to travel two to three hours to a teaching hospital? Where will there be a sufficient caseload to teach veterinary students?

Let me assure you that K-State is addressing questions such as these. We are as excited about the future as we are proud about the past. I trust that you join in our enthusiasm. I invite your input, advice, and support as we continue addressing our teaching, research and service missions for the College of Veterinary Medicine.

Ralph C. Richardson, DVM, '70
Dean, College of Veterinary Medicine

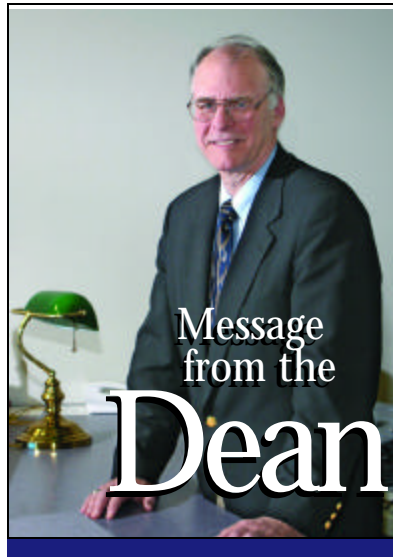


PHOTO BY DAVE ADAMS, ITC

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COORDINATOR, COMMUNICATIONS/PR,
MAGAZINE EDITOR, DESIGN, PRODUCTION
Dan Knupp

CONTRIBUTING WRITER, STUDENT
PUBLIC RELATIONS ASSISTANT
Anne Emig

DIRECTOR, DEVELOPMENT
Tim Chapman

MARKETING DEVELOPMENT OFFICER
Patrice Scott

COORDINATOR, PET TRUST & PERPETUAL PET CARE
Myrna Gleue

COORDINATOR, ALUMNI AFFAIRS
Cheri Ubel

COORDINATOR, DEVELOPMENT
Laurie Ekart

PHOTOGRAPHY
INSTRUCTIONAL TECHNOLOGY CENTER

MAILING ADDRESS
Dean's Office
College of Veterinary Medicine
Kansas State University
101 Trotter Hall
Manhattan, KS 66506-5601

TELEPHONE (785) 532-5660 WEB PAGE ADDRESS
www.vet.k-state.edu



Living History Profile

Dr. Robert Phillips

“Rededicated” to CVM Laboratories

By Dan Knupp

The difficulty in recruiting a director with rabies lab experience spurred Dr. Phillips to leave retirement to re-assume directorship of the lab. The one-year commitment quietly stretched to two-and-a-half years until a replacement was trained.

The K-State College of Veterinary medicine saw many graduates enter the armed services during World War II. Immediately after, there was an influx of veterans back from the war entering school on the GI Bill. For the college, this was a time of growth, high standards and more responsibility for the nation’s animal and human welfare that continues today.

Robert Phillips was born in 1924 in Saskatchewan, Canada. When his railroader father, Hubert, suffered a work accident, Robert moved with his parents back to their home in Elk County, Kan., to allow his father time to convalesce. After a few years in rural Elk County, the family moved to Wichita where Robert graduated from East High School in 1942. He worked in the Wichita defense plants and attended Wichita’s Friends University before enlisting in the U.S. Army. In 1944 he met his future wife Opal Brown in Wichita, when as a crew chief on a C-47, he returned to Kansas from a North Carolina training base to retrieve glider tow ropes. During the two-day layover, he asked a girl friend in Wichita to find a date for a buddy who had flown back with him. That date was Opal. There was quite a spark between Robert and Opal. After serving in Europe as an air corps mechanic and assistant crew chief, Robert returned to Kansas at war’s end to promptly call Opal. They started dating and were married six months later.

With Opal working, help from the GI Bill, and his dedication to studies, Robert received his doctor of veterinary medicine degree from K-State in 1951. They purchased interest in a rural practice in Fergus Falls, Minn. but stayed up north for only a year-and-a-half before returning to Kansas. They moved to Oberlin, Kan., close to Opal’s hometown of St. Francis, and established a mostly large animal practice where they remained from



Dr. Robert and Opal Phillips

1953 to 1969.

Aware of the great changes in his profession, Robert responded to an urge to further his education and scored well on a graduate record exam in Denver. He was accepted at several schools and chose to attend the University of Georgia in Athens, Ga. Graduating with a PhD in medical microbiology during a down economy in 1972, he took a position with Jen-Sal Laboratories in Kansas City where he developed a trivalent equine encephalomyelitis vaccine and supervised many vaccine testing projects.

In 1975 Dr. Phillips was recommended for a virology position in the diagnostic lab

at the College of Veterinary Medicine. At the time, the diagnostic department didn’t have a virus lab. Dr. Phillips, Dr. Minocha of the department and Dr. Consigli of the department of biology were instrumental in getting the new virus lab up and running. In 1981 Dr. Phillips assumed supervision of the rabies laboratory.

Dr. Phillips developed many of the lab’s virus isolation procedures and serological tests still in use today. “My 18 years as a practitioner was very helpful in running the lab,” said Dr. Phillips. “The lab is closely involved in the livestock industry and my experience gave me practical insight to the work at hand.”

Dr. Phillips was a teacher with a clear and concise style, always having time for students needing individual help. He supported many masters and doctoral students during his tenure. Dr. Phillips officially retired from the College in August of 1994 becoming a very active professor emeritus.

In January of 2000, the director of the rabies laboratory left on a sabbatical. As a CLIA licensed lab, the requirements for a replacement director are specific and

see PHILLIPS, page 12



Women in Veterinary Medicine

By Kira Everhart

MORE WOMEN THAN MEN NOW PURSUING VETERINARY MEDICINE AS A CAREER

It began as a man's profession. But now, so it seems, women are taking over.

Kansas State University's first veterinary medicine graduation was in 1907 with seven graduates -- all male.

In the recently graduated class of 2004, the number of graduates had grown to 107 and women outnumbered men almost two to one. "For many years admissions committees discriminated against female applicants," said Ronnie Elmore, associate dean of the College of Veterinary Medicine. "Fortunately, this is no longer true. Part of the reason for increased numbers of women in the program relates to their knowing that they are welcome. Along with this we now have an adequate number of female role models in the profession for young women to emulate."

K-State's legacy of women veterinarians began in 1932 with Helen Richt, a native of Omaha and K-State's first woman graduate. Another graduated in 1934, but there would be no more women graduates from the program until 1944. By 1936, there were 30 female veterinarians in the United States, two of whom had graduated from the college at K-State.



Dr. Richt

Female graduation in veterinary medicine remained rather sporadic until the mid-1960s. By the late 1970s females made up 14 percent of the college's graduating veterinarians.

"The early graduates were all very coura-

geous and gutsy women," said Lesley Gentry, author of "The Lady is a Veterinarian," an account of the pioneer women who graduated from the school of veterinary medicine at K-State. "From a very early age they made up their minds they were going to take care of animals. They were very determined."

Gentry attributes the increased enrollment and interest to a variety of factors including the Equal Pay Act of 1963 and the Civil Rights Act of 1964 which guaranteed equal opportunity in training and in salary. The Women's Educational Act of 1974, which helped prevent sex discrimination in the school system, also played a role in the increase in women veterinarians, Gentry said.

But Gentry also attributes the 1970s enrollment increase to the success of the books written by James Herriot, a British veterinarian and author. Herriot wrote and published tales based on his life as a veterinarian. They had international readership and were adapted for film and television in Britain and the United States.

"The way he depicted the life of a veterinarian really attracted women and encouraged them to go seek out what it takes to be vet," Gentry said.

Since its first commencement in 1907, K-State has graduated more than 1,100 women into the profession of veterinary medicine. K-State's female graduates have gone into all areas of the profession, including private practice as well as governmental and food industry positions.

Gentry, who has worked for 30 years as a veterinary nurse both in her native country of England and at her husband's practice in Beloit, Kan. said she believes veterinary medicine offers a lifestyle women will continue to pursue.

"I really think it's an area where women are going to be accepted and be able to work at their own pace," she said. "They're going to be able to both work and raise a family -- and do an excellent job."

CHALLENGES, CRITICISMS NAME OF THE GAME FOR EARLY FEMALE PIONEERS IN VETERINARY MEDICINE

In 1932, the first woman graduated from K-State in veterinary medicine. By 1950, the total had only risen to nine. Among those were Louise Sklar and Ruth Kaslow, two women who faced societal, academic and individual

challenges to achieve their goal.

Sklar had always excelled academically. She skipped two grades in elementary school and graduated in 1930 at the age of 15 from Manhattan High School, said Lesley Gentry.

Sklar was admitted into K-State's veterinary medicine program that same year, by-passing the pre-veterinary curriculum. She was the only female in a class of approximately 40. But animal care was not her initial goal, Gentry said.



Dr. Sklar

"Louise had mentioned to a reporter one time that she had entered the veterinary cur-



Dr. Kaslow

riculum as a sort of pre-medicine work, but she became so interested that she wanted to finish," Gentry said. "She would graduate to become a distinguished scientist later in her veterinary career."

According to Gentry, Sklar is the youngest woman to have entered veterinary school and the youngest woman in her field, having graduated from the curriculum in 1934 at age 19.

Kaslow came 13 years later. Her graduating class was made up of a diverse group of students, including Hispanics, Jews, African-Americans and women. Kaslow, who was a Jewish woman, faced a number of challenges as a minority in her class. "It was no doubt a difficult time to be in veterinary school," Gentry said.

Perhaps Kaslow's greatest challenge was that she had several physical disabilities, including being deaf. She lip-read her way through veterinary school and graduated with honors in 1947, Gentry said. Later in life, she became a research assistant and advocate for the betterment of the lives of research animals. [SR](#)

Research on the Move at CVM By Dan Knupp

Veterinary Research Scholars Program Starts Seventh Year

BELOW
From the left, student scholars Andrea Kaser, and Verne' Dove confer with their faculty mentors, Dr. Silvia Mora and Dr. Tom Schermerhorn.

Twelve veterinary medical students, nine from K-State, one from Michigan State, one from Lyon, France and one from Melbourne, Australia, make up the seventh class of the Veterinary Research Scholars Program administered by the College of Veterinary Medicine's department of anatomy and physiology.

PHOTO BY DAVE ADAMS, ITC



BELOW
2004 Summer Scholars from the left, Lindsey Crumly, '06; Jean Anne Cauwenbergh, '06; Kimathi Choma, '06; Mark Ruder, '07; Andrea Kaser, '05; Verne' Dove (Melbourne, Australia), '05; Stephanie Young, '07; Leann Ingram, '07; Ashley Peterson, '07; Claire Manoli (Lyon, France), '05; Annette McCoy, (Michigan State) '06; not pictured, Richard Cober, '06.

The program is an intensive, mentored, research-oriented experience directed towards attracting talented, professional students into biomedical research careers. The program exposes veterinary students to critical thinking processes inherent to hypothesis-driven research activities, methodologies involved in design and execution of laboratory experiments and multicenter clinical trials, and ethical issues pertinent to biomedical research. Participants can choose mentors from all three College of Veterinary Medicine departments, the College of Arts and Science's division of biology, department of biochemistry or department of entomology. The financial foundation for the program comes from the National Institutes of Health with support coming from K-State's College of Veterinary Medicine and its anatomy and physiology department. A grant from the Merck-Merial Research Grants Pro-

PHOTO BY DAVE ADAMS, ITC



gram allows competitive scholarships for 10 first or second-year students who are attending colleges of veterinary medicine in the U.S. and for two students attending colleges outside the U.S. The scholars participate in the

three-month program receiving a \$2,000 per-month stipend beginning mid-May and concluding mid-August. The program consists of mentored research training by program faculty, weekly research workshops and journal clubs. The program ends with a trip to the Merck-Merial National Scholar Symposium that was held this year at

see [SCHOLARS](#), next page

Dual Degree Program for Veterinary Students Encourages Research

The department of anatomy and physiology at K-State's College of Veterinary Medicine is one of only seven veterinary medicine research entities in the U.S. to receive National Institutes of Health funding to support veterinary student participation in a full year of animal-oriented basic research. The mechanism can be used by students to fund a dual-degree program. The grant that addresses the growing need for veterinarians in biomedical research was received in September 2003 and will continue until at least July of 2006.

The mentored Basic Research Immersion Training Experience, or BRITE program, will start its first year at K-State with two students enrolled for the fall semester, Sommer Mueller, a third-year K-State veterinary student from Ellsworth,



Mueller



Martin

Kan., will work on a master's in public health and Jessica Martin, a second-year K-State veterinary student from Cherokee, Kan., will work towards her master's in physiology. They will receive over \$26,000 in stipends, research training expenses, tuition and travel expense for the in-depth mentored year of research.

BRITE veterinary students can easily obtain a master's degree after the 12-month research experience without detracting from their bench experience with excessive course requirements.

The new degree opportunities for BRITE students include: a combination doctor of veterinary medicine and master's degree program; options of performing non-degree research in pursuit of a doctor of veterinary medicine degree with honors in research; or using the BRITE program to initiate a separate PhD program.

Co-directors of the program, Dr. Frank Blecha and Dr. Lisa Freeman, both of the college of Veterinary Medicine's anatomy and physiology department, head-up 15 other
see [DUAL DEGREE](#), next page

K-State College of Veterinary Medicine, clinical sciences faculty member Dr. Bonnie Rush received the Association for Women Veterinarian's Outstanding Woman Veterinarian of the Year Award for 2004. The award was presented during the annual meeting of the American Veterinary Medical Association July 26, 2004 in Philadelphia, Penn.

Dr. Rush, Professor, Section Head, Equine Internal Medicine and Surgery, and Associate Dean for Career Development, is being recognized by the association for special effort and achievement by a woman veterinarian in any of the career areas of veterinary medicine. She was nominated by Dr. Gregory F. Grauer, Professor and Head of the Department of Clinical Sciences of the College of Veterinary



Dr. Rush

PHOTO BY DAVE ADAMS, ITC

Medicine's Veterinary Medical Teaching Hospital. "Dr. Rush has demonstrated the ability to excel in not just one but all areas of academic veterinary medicine. She is one of those rare 'quadruple threats' as she is an outstanding teacher, clinician, researcher and leader," said Dr. Grauer.

"We are so very fortunate to have Dr. Bonnie Rush on our faculty," said Dr. Ralph Richardson, Dean of the College of Veterinary Medicine. "I can't think of a better role model and mentor for our veterinary students."

Lectures full of energy and vitality, a teaching style that creates a lively interchange that draws students to participate, and a teaching environment where students are comfortable taking risks in front of their peers have lead them to twice select Dr. Rush for the prestigious Norden Award for Distinguished Teaching in 1996 and 2003. Dr. Rush's mentoring and training program for residents and house officers has seen many go on to prestigious academic careers in veterinary medicine. These seasoned protégés are regularly recruited for career track, tenured positions across the United States.

As the Associate Dean of Career Development, Dr. Rush organizes the second half of the Orientation Class with the goal of introducing the students to non-traditional veterinary

Faculty Member Honored by the Association of Women Veterinarians

By Dan Knupp

careers. She fills these eight lectures with K-State alumni that volunteer time and travel to bring experiences in non-practice, high-impact careers to the students; a powerful way to show the road less traveled. Dr. Rush chairs the time consuming but very important College Admissions Committee that helps ensure success in growing the next generation of K-State veterinarians. She also directs the early admission program for pre-veterinary students and advises countless students and residents on career development issues.

Dr. Rush is recognized internationally as one of the pre-eminent equine clinical immunologists of our day, and as an expert on the pharmacotherapy of equine respiratory disease. She is also one of the most sought after general equine internists in the country. In the summer and fall of 2002 when West Nile Virus hit the central states region, Dr. Rush developed therapeutic protocols that resulted in higher than average survival rates for infected horses. She was also the lead person to interface with media regarding treatment and prevention of the disease.

Dr. Rush's research contributions to world knowledge about obstructive airway disease of horses and aerosolized drug therapy is evidenced by her many refereed papers on the subjects. These are considered by many of her peers to be the seminal papers on this very important area of veterinary medicine. She has made the majority of important contributions on the subject during the past decade with basic studies of the mechanisms of action of immunostimulants. These studies have bridged basic research and clinical application to represent translational research demonstrated by today's pharmaceutical market. Current equine immunotherapies make use of at least three regimens developed and evaluated first by Dr. Rush.

Dr. Rush's peers appreciate her enthusiasm in professional activities that include her serving as member of the executive board of the Comparative Respiratory Society, the executive board of Genetraks Ltd., the editorial board of Equine Veterinary Education and the Sigma Xi Scientific Research Society.

Professional memberships include the Association for Women Veterinarians, American Veterinary Medical Association, Kansas Veterinary Medical Association the American College of Veterinary Internal Medicine and the American Association of Equine Practitioners.

Before starting her career at K-State in 1993, Dr. Rush completed her undergraduate training in 1985. She received her doctor of veterinary medicine in 1989 from The Ohio State University, completed an internship at North Carolina State University in 1990 and finished a residency in equine medicine at The Ohio State University in 1993 where she also received a master's degree in clinical sciences. [SR](#)

SCHOLARS, from page 4

Auburn University in Auburn, Alabama from July 29 to August 1, 2004 and a K-State research symposium to be held on August 12.

"This program provides students interested in research as well as veterinary medicine with a unique opportunity to learn about the breadth of career options within the profession. The 2004 scholars are very committed and very motivated. I am sure they will be the next generation of leaders in veterinary biomedical science," notes Dr. Lisa Freeman, program coordinator. [SR](#)

DUAL DEGREE, from page 4

experienced university mentors that represent a diverse list of biomedical research areas for students to choose from. "The BRITE veterinary student program is designed to expose doctor of veterinary medicine students to hypothesis-driven research activities, methodologies involved in design and execution of laboratory experiments and ethical issues pertinent to biomedical research at a formative state of their veterinary education," explained Dr. Freeman. [SR](#)

Love Me, Love My Cats -- and Dogs!

By Dan Knupp



PHOTOS BY DAVE ADAMS, ITC

Jim and Kathy with Splat, the Speier Coachworks office cat.

"For me, going to the Mayo Clinic is like taking my pets to Manhattan. Early-on, you get a problem fixed right, and it gives you some extra years down the road."

Jim Speier

Jim and Kathy Speier are owners of Speier Coachworks, an auto body business in Topeka, Kansas that handles repair work on all kinds of vehicles including school busses from one of the Topeka School districts. They are hands-on business owners who live and work with their animals and have included all 12 of their pets in a plan for the future.

"We've been crazy about our animals for the 24 years we've been married," Kathy said. "When we were dating it was 'Love me, love my cat!' "I sure did, but after we were married, Kathy was soon won over by my love of dogs," added Jim. They have been a dog and cat couple ever since. Both Jim and Kathy grew up without

having animals in the house. This has changed for them in a big way. They have remodeled their home near Berryton, south of Topeka, to accommodate the cats, except for Splat the shop cat, by letting them stay inside and safe at night but not giving them the run of the entire house. "The arrangement gives us our space but doesn't stop us from hanging with the critters," said Jim. The dogs have their own outbuilding with a through-the-wall opening. Both dogs and cats assist Jim in his shop on the property, where he is restoring a number of 1964 Chevrolet muscle cars. "If our Mama Cat is in the attention mode, she just won't let me get any work done on my Chevys," Jim explained.

Eleven animals, three dogs (a fourth dog, Delbert was lost to cancer last April) and all eight cats have been rescued. Their cats and dogs either walked up the driveway after being dropped off at their rural home by ill-equipped pet owners or were found by others seeking Jim and Kathy out, knowing that they wouldn't turn an animal away. The Speiers have spent many hours finding homes for these animals, always getting them spayed or neutered first. Topeka veterinarian, Dr. Joe Cook, K-State '86, regularly takes care of their animals and makes referrals to the hospital at K-State when needed.

Jim thinks he should start a bus shuttle from Topeka to Manhattan and the teaching hospital. "Here at the Coachworks, we take the dents out of a lot of school busses so I can visualize one filled with dogs and cats in need, headed for the best specialty health care around," Jim exclaimed. "I say that because we make many trips to Manhattan, taking our animals to the teaching hospital." The Speiers feel the same about their animals' health care as they do for their own. Jim recently returned from the Mayo Clinic where he had orthopedic surgeries on his back and knee. "For me, going to the Mayo Clinic is like taking my dogs to Manhattan. Early-on, you get a problem fixed right, and it gives you some extra years down the road," Jim stated.

"We started worrying some

time ago about what would become of our brood if something would happen to us," Kathy remembers. "We would ask around about such a program because we had realized that if we were not here it would be impossible to ask someone else to take care of all

the Perpetual Pet Care Program.

Myrna, in describing the program was able to explain that, "the Perpetual Pet Care Program enables pet owners to plan and provide for the long term care of their companion animals." When owners enrolled in the program are

permanent, reliable and charitable organization, the college of Veterinary Medicine has a commitment to the long term care of the animals enrolled in the program," Myrna emphasized.

"Since enrolling our animals, I feel that both of us have had



Jim, Max, Kathy and Tara pose in front of one of Jim's Chevys in the shop out at the farm.

The charitable contribution made to the College of Veterinary Medicine provides for those companions' life-long medical care and ultimately is added to an endowment to support education, service and research at the college.

our animals the way we take care of them now." "Especially for their health care," Jim emphasized! Through a phone inquiry about lost paperwork on a large glass aquarium donated by the Speiers to the Insect Zoo in the K-State Entomology Department, Kathy was referred to Myrna Gleue, coordinator of the College of Veterinary Medicine's Pet Trust and Perpetual Pet Care Programs. She helped enroll the Speiers' 12 animals in

no longer able to care for their pets, the College of Veterinary Medicine becomes responsible for enrolled animals and finds an adoptive home for each one, which matches the owner's preferences. The charitable contribution made to the College of Veterinary Medicine provides for those companions' life-long medical care and ultimately is added to an endowment to support education, service and research at the college. "As a

peace of mind in knowing they will be taken care of if we are not here for them," said Kathy. "It's not a shuttle bus to the hospital in Manhattan, but I feel our support will help other animals too," noted Jim. "We appreciate what the folks at the hospital have done for our dogs and cats, and for us." [SR](#)

Veterinary Medical Alumni Association

Message from the new president, Dr. Alan Lewis



It is a pleasure for me to serve on the Veterinary Medical Alumni Association board. I had been delinquent in supporting my college and alumni association during my early years of practice. Now that I am involved, it has proved to be a great pleasure. When Dr. Taussig told us at the June Conference Heritage Evening Banquet that receiving the E. R. Frank Award "made him proud," it made me proud to have been one of his students.

Please come to our alumni evenings at the major conferences. They are a lot of fun and they give us the opportunity to honor our fellow alumni. I am amazed at how much our alumni do to support their communities, their patients, and our profession. One alumna that I must recognize is Dr. Jody Johnson. She did a great job of running this association last year. It will be quite difficult to follow in her footsteps.

We are happy to welcome Drs. Greg Bogue, Goddard, Kan., and Mike Moore, Overland Park, Kan., as members-at-large on the association executive board.

Next year is our college's centennial celebration. Come and join us for the activities, it should be an exciting review of Kansas State University's College of Veterinary Medicine history.

Dr. Alan L. Lewis, '72
East Emporia Veterinary Clinic

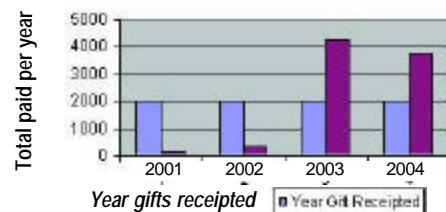
Report: Fiscal Year 2004 Membership Dues

The Veterinary Medical Alumni Association dues were incorporated into the association by-laws and constitution during the 2000 fiscal year.

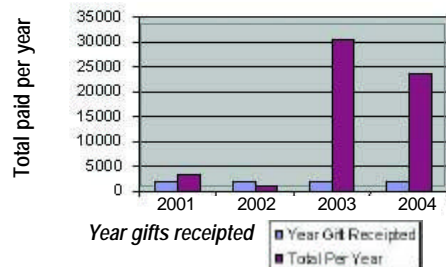
The association endowment was established in February of 2003. The VMAA endowment currently has \$60,758.76 in the principal and \$5,480.28 in the income portions of the account.

The bar charts below indicate membership growth per year since 2000 and the pie chart shows total alumni participation in fiscal year 2004.

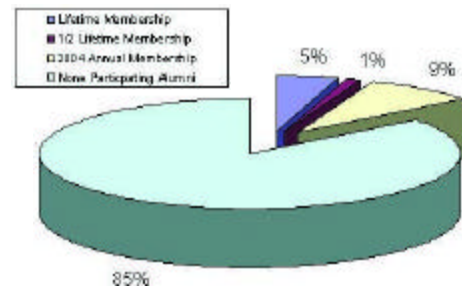
Veterinary Medical Alumni Association Annual Assessment Membership Dues



Veterinary Medical Alumni Association Annual Assessment Membership Dues



Veterinary Medical Alumni Association Membership Participation



Alumni Happenings

1952

Dr. David Sloas sold his practice and retired in April 2004. He plans to stay active in cotton farming around Memphis, Tennessee.

1966



Dr. Kenneth G. Huggins one of 35 volunteer veterinarians who cared for over 1,400 dogs during the 2004 Iditarod Sled Dog race in Alaska last March. Dr. Huggins worked the 4-day, pre-race screening and during the race visited nine different checkpoints to help check dogs at four of those spots. He contin-

ues to practice at the Stanley Veterinary Clinic in Stanley, Kansas, near Overland Park, Kansas, two days a week.

1980

Dr. Jeffrey P. Watkins received the 2004 Equine Practitioner of the Year Award from the Texas Veterinary Medical Association during the 2004 association winter conference. Dr. Watkins is a professor of surgery at the Texas A&M University College of Veterinary Medicine.

1985

Dr. Steven L Elliott, after 17 years as a solo practice owner, sold his practice to do part-time small animal work, relax and pursue other interests. Dr. Elliott and his wife Marlene live in Hermitage, Arkansas.

1985

Dr. Susan Keller, the deputy South Dakota state veterinarian since 1997, was promoted to the job of state veterinarian this past spring by the South Dakota Board of Animal Health. She will start her new position mid-August 2004.

Class Initiative Winner is Class of 1959!



From the left, Dr. Clem Darrow, Dr. Jim Smart, Dr. Sam Graham, Dr. Howard Erickson, Dr. Ralph Richardson, Dr. Sam Strahm, Dr. Dale Hodgson and Dr. Norman Marrow, class of 1959 members accepting the 2004 Class Initiative award, presented by Dr. Richardson, (KSU '70) Dean, College of Veterinary Medicine.

The 2004 Class Initiative trophy was presented to the class of 1959 during the Heritage Evening at the Annual Conference for Veterinarians in June.

The Class Initiative winner was awarded to the reunion class (4's and 9's this year) having the highest number of class participants in annual giving. A special thanks to their enthusiasm for raising the participation level in annual giving to the college by 33%

and together gifted \$175,000 during the fiscal year 2004.

The competition was fierce between the classes of '59 and '69, with the '59ers edging out '69 by just a percentage point.

Next year's class initiative competition will include all classes with year numbers ending in 0's and 5's. Class members will receive the Class Initiative letter in September.

In Memoriam

Wayne D Collins

DVM 1939, Tobaccoville, North Carolina, April 15, 2004

David O Manly

DVM 1941, Auburn, Kansas, June 27, 2004

William D Elliott, Sr

DVM 1943, Tahlequah, Oklahoma, April 30, 2004

Howard O Weber

DVM 1943, Harrington, Delaware, March 21, 2004

Walter F Johnson

DVM 1944, Janesville, Wisconsin, November 22, 1995

Ben O Hebert

DVM 1947, Woodside, California, April, 2, 2004

Warren G Swift

DVM 1949, Fort Smith, Arkansas, April 25, 2003

Richard C Groff

DVM 1950, Walnut Creek, California, January, 31, 2004

Carl R Lenz

DVM 1951, Cameron, Missouri, May, 15, 2004

Robert D Harting

DVM 1960, Donnelly, Idaho, January, 22, 2004

Leroy E Ensley

DVM 1961, Onaga, Kansas, January 23, 2002

ALUMNI
RECOGNITION
AWARDS

By Anne Emig

"Having the dual roles has provided me with an incredible opportunity to learn the similarities and differences of issues facing veterinary and human medicine,"
Dr. Coppoc.

Dr. Gordon Coppoc

Gordon L. Coppoc, DVM, PhD, professor of veterinary pharmacology; head of the department of basic medical sciences, School of Veterinary Medicine, Purdue University, West Lafayette, Indiana;



and adjunct professor of pharmacology and assistant dean, Indiana University School of Medicine and director of the Lafayette Center for Medical Education at Purdue, was honored with a 2004 Alumni Recognition Award from the Kansas State University College of Veterinary Medicine and its Veterinary Medical

Alumni Association. The award was presented during the K-State alumni reception held in conjunction with the American Veterinary Medical Association's Annual Conference on July 25 at the Marriot in Philadelphia, Pa.

Born in Larned, Kan. in 1939, Gordon graduated from high school 15 miles south in Belpre, Kan. in 1957. "As a fifth grader, I watched Dr. A.M. Coddington, of Larned, clean one of our cows and then get paid. I said 'wow'; one can do interesting things to make money!" Because he liked working with cattle and loved horses, he decided on-the-spot to be a veterinarian.

Dr. Coppoc graduated from K-State (cum laude) in 1961 and then in 1963 with his doctor of veterinary medicine. Gordon married his high school sweetheart, Harriet Kagay, in 1962. Upon graduation Gordon and Harriet loaded their VW van and headed for Boston and graduate work in the department of pharmacology at Harvard Medical School. He received a PhD in pharmacology in 1968. He spent a year as instructor at the University of North Carolina School of Medicine before reporting to the School of Aerospace Medicine at Brooks AFB, Texas, for two years active duty as a Captain in the United States Air Force Veterinary Corp. Dr. Coppoc spent the next two years in post-doctoral training in biochemistry at the University of Chicago Ben May Laboratory for Cancer Research before joining the faculty of the School of Veterinary Medicine at Purdue.

In 1979 Dr. Coppoc became head of the department of physiology and pharmacology at Purdue and shortly after became involved with the University of Indiana School of Medicine regional campus at Purdue, developing

Dr. Janver Krehbiel

Dr. Janver Krehbiel, senior associate dean for administration and associate dean for academic programs, College of Veterinary Medicine, Michigan State University, was honored with a 2004 Alumni

Recognition Award from the Kansas State University College of Veterinary Medicine and its Veterinary Medical Alumni Association. The award was presented during the K-State Alumni Reception held in conjunction with the



American Veterinary Medical Association's Annual Conference on July 25 at the Marriot in Philadelphia, Pa.

Born in Pretty Prairie, Kan. on April 17, 1936, Dr. Krehbiel attended Bethel College, in North Newton, Kan. for two years, before transferring to Kansas State University where he received his DVM

degree in 1962. After graduation, Dr. Krehbiel worked in private practice in Mesa, Ariz. and in Al Cajon, Calif. From 1964 to 1966 he served in the Veterinary Services in the United States Air Force as base veterinarian at Anderson Air Force Base, Guam. Subsequent to this tour of duty, Dr. Krehbiel accepted a position as an instructor in the department of small animal surgery and medicine at the College of Veterinary Medicine, Michigan State University, East Lansing, Mich. He was a clinical instructor for three years and spent one year in the department of pathology in the Veterinary Diagnostic Laboratory at MSU. While working in pathology, he completed his master's degree and received an award from the National Institute of Health for a special postdoctoral fellowship to pursue his PhD degree.

After completing his PhD in veterinary pathology, Dr. Krehbiel continued his academic career as an assistant professor in the department of pathology, working in the clinical pathology laboratory. He served as the director of the clinical pathology laboratory for approximately ten years and moved through the academic ranks to appointment as a full professor in 1980. In 1983, he was appointed acting associate dean for academic programs and undergraduate instruction for professional and undergraduate education and in 1989, was appointed associate dean for academic and student affairs. He has served in that capacity since and in 1998 received the additional

see COPPOC, page 13

see KREHBIEL, page 13

Dr. Harry Berrier

Dr. Harry H. Berrier, associate professor emeritus, College of Veterinary Medicine, University of Missouri-Columbia, will be honored with a 2004 Alumni Recognition Award from the Kansas State University College of Veterinary Medicine and its Veterinary Medical Alumni Association. The award will be presented during the K-State Alumni Reception held in conjunction with the Central Veterinary Conference Saturday,



August 28, at the Downtown Marriot in Kansas City, Mo.

Dr. Berrier began his pursuit of higher education at the University of Missouri, graduating in 1941 with a bachelor of science in Vocational Agriculture. He taught vocational agriculture for the 1941, 1942 school year at Odessa High School, Odessa,

Mo. He then received his doctorate of veterinary medicine from K-State in 1945. In 1945 and 1946, Dr. Berrier worked in a general practice of veterinary medicine and surgery in Odessa. He then became a station veterinarian, serving as First Lieutenant at the Dugway Proving Grounds, Utah in 1947. Later that year he was promoted to Captain and served as assistant area veterinarian at Fort Douglas, Utah from 1947 to 1948. In October 1948, Dr. Berrier accepted a position as assistant professor of veterinary pathology at the College of Veterinary Medicine, University of Missouri at Columbia, Mo. He remained at the University of Missouri until his retirement in 1982. During that time he served in many capacities including: assistant and associate professor of veterinary clinical pathology at the college; and clinical toxicologist in the veterinary medical diagnostic laboratory. He also received a master's of veterinary pathology from the University of Missouri in 1960.

In 1963 to 1964, Dr. Berrier took a sabbatical leave from the university as a Fellow of the National Science Foundation and pursued post-doctoral studies at the Armed Forces Institute of Pathology, Veterinary Pathology Department, Washington, D.C. From 1968 until retirement, he also served as a medical service liaison officer representing the U.S. Air Force to the University of Missouri. He retired from the United States Air Force Reserves with the rank of Colonel.

see [BERRIER](#), page 13

Dr. Lawrence Morehouse

Dr. Lawrence G. Morehouse, professor emeritus of veterinary pathology and retired director of the veterinary medical diagnostic laboratory at the University of Missouri-Columbia, may now be a



tiger, but the wildcats still claim him. Dr. Morehouse will be honored with a 2004 Alumni Recognition Award from the Kansas State University College of Veterinary Medicine and its Veterinary Medical Alumni Association. The award will be presented during the K-State Alumni Reception held in conjunc-

tion with the Central Veterinary Conference Saturday, August 28, at the Downtown Marriot in Kansas City, Mo.

Lawrence Morehouse was born on a farm near the town of Manchester, Kan., on July 21, 1925. He claims to be "one of a vanishing breed that can claim elementary education in a one-room country school house." Regardless of the structure, the Harvey District 38 "prepared me well for what was to come," Dr. Morehouse said.

Dr. Morehouse graduated from Abilene High School in 1943 and served as a hospital corpsman/pharmacist's mate during and following WWII. He enrolled at K-State in the fall of 1946 and received his BS and DVM degrees in 1952 when he was also commissioned in the U.S. Army Reserve and served until 1957.

After his graduation from K-State in 1952, Dr. Morehouse practiced for a short time in Des Peres, Mo., before continuing his education at Purdue University in West Lafayette, Ind. He received his master's of science in pathology and a PhD in pathology in 1956 and 1960 respectively, while serving as director of USDA's brucellosis laboratory. It was during this time that Dr. Morehouse met his wife Georgia Lewis. The couple married in Lafayette, Ind., on October 6, 1956. Georgia worked as a microbiologist at the National Animal Disease Laboratory and later as a research associate in the dairy department at the University of Missouri-Columbia.

From 1960 to 1964, Dr. Morehouse served as discipline leader of pathology and toxicology in USDA's Animal Health Division at the National Animal Disease Laboratory in Ames, Iowa. In 1964 he accepted a position as a professor of veterinary pathology and chairman of the

"Get all the general knowledge you can while in veterinary school. Specialization can come later if that is your goal. The DVM is behind your name for life-- Society expects you to be knowledgeable across its breadth--even in retirement!"
Dr. Morehouse

see [MOREHOUSE](#), page 12

information LOCATION



research tips & ASSISTANCE

by Carol Elmore

Tip Column # 107

Have you visited the Veterinary Medical Library at K-State? If you live close by or come to Manhattan, we would encourage you to come and visit us on the fourth floor of Trotter Hall. If you can't physically visit, you can certainly visit the library virtually on your computer. Our website <http://www.vet.k-state.edu/depts/library/index.htm> gives you areas to explore. You can search our on-line catalog by clicking on the link-"KSU LIBRARIES ONLINE CATALOG" located at the top right-hand side of our webpage. This takes you to the catalog that serves the K-State Libraries including the Veterinary Medical Library. Another link is to the Animals in Society collection, a "unique collection of books, videotapes, and selected periodicals on topics relating to human-animal interactions and the well-being of all animal species." All of the items in this collection are listed in the online catalog and cover diverse topics such as dealing with the death of a pet, using animals with the disabled, portrayals of animals in art, music and literature plus many other items that can be requested through your local library's interlibrary loan service for free or a small fee. If you live close by, you can check them out in person at the library. Items can also be sent directly from our library for a service fee.

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MOREHOUSE, from page 11
department of veterinary pathology at the University of Missouri-Columbia. In 1968 he became the organizing director of the Veterinary Medical Diagnostic Laboratory at the college and served in this capacity until he was named professor emeritus in 1987.

During his career, Dr. Morehouse has been a senior author or co-author of more than 100 scientific publications and abstracts dealing with infectious, parasitic and toxicologic diseases of livestock, poultry, companion animals and laboratory animals. Dr. Morehouse has co-edited three volume encyclopedic works on fungal toxins. As an individual who has pursued post-doctoral education and continued researching throughout his career, Dr. Morehouse acknowledges both the difference and the importance of the DVM degree. He would recommend, "Get all the general knowledge you can while in veterinary school. Specialization can come later if that is your goal. The DVM is behind your name for life. Society expects you to be knowledgeable across its breadth--even in retirement!"

Dr. Morehouse has been a member of the Missouri and American Veterinary Medical Association, the American Association of Veterinary Laboratory Diagnosticians, the World Association of Veterinary Laboratory Diagnosticians, the New York Academy of Sciences, the American Association for the Advancement of Science, the Conference of Research Workers in Animal Diseases, American Association of Avian Pathologists, Conference of Research Workers in Animal Diseases North America, Missouri Academy of Sciences, Missouri Society of Microbiology, American Association of Laboratory Animal Science, Society for Environmental Geochemistry and Health, American Association of Swine Practitioners and the United States Livestock Sanitary Association, which is now the U.S. Animal Health Association. Dr. Morehouse has also held offices in many of these professional societies.

Dr. Morehouse may have ventured out to share his expertise, but he never forgot his fellow Wildcats. In his 1998 class updates, he remarked, "The Class of '52 was special. Some of you, I've been privileged to work with over the years, but all of you have always been remembered. Four years together forges a

bond not easily broken or forgotten." Dr. Morehouse is being honored with a K-State College of Veterinary Medicine Alumni Recognition Award not only for his professional achievement but for a lifetime of service, humility and that undeniable Wildcat Spirit. [SR](#)

PHILLIPS, from page 2
uncommon. Without a qualified director, the high revenue generating lab was at risk of closing. The difficulty in recruiting a director with rabies lab experience spurred Dr. Phillips to leave retirement to re-assume directorship of the lab. The one-year commitment quietly stretched to two-and-a-half years until a replacement was trained.

Professionally Dr. Phillips authored and co-authored numerous articles on microbiology and has been a member of or chaired several committees on large animal diseases. He was awarded the prestigious E. Walter Morrison Award by the K-State Student Foundation in 2002.

Robert and Opal raised four children, Thomas, Jeffrey, Mary and Paul, and have six grandchildren. They are active members and volunteers with First Baptist Church in Manhattan. They deliver 'Meals on Wheels' and are longtime hospice volunteers, "Someone has to give a caregiver a day off—we enjoy helping out," said Robert.

The couple never misses a basketball or football game, "both women's and men's games," added Opal. They own acreage off of McDowell Creek Road where Robert enjoys cutting firewood for the fireplace in the family room. During the summer he plays golf with a group of regulars on Monday, Wednesday and Friday. On Sundays he plays with his son, Jeff—and walks it, helping him keep in good shape.

During his career Dr. Robert Phillips would say, "This is a continual education process." In retirement he and his wife Opal have continued their educational process with that same focus and clarity that lead them to Manhattan and the College of Veterinary Medicine. [SR](#)

COPPOC, from page 10

a course in pharmacology for medical students. Since 1981, Dr. Coppoc has taught pharmacology to both veterinary and medical students; "One medicine, different patient populations," he exclaimed!

In 1995, the Purdue School of Veterinary Medicine merged its veterinary physiology and pharmacology departments with the department of anatomy to form the department of basic medical science which he heads today. In 1998, Dr. Coppoc was appointed assistant dean at the Indiana University School of Medicine and director of the Lafayette Center for Medical Education at the Purdue campus. "Having the dual roles has provided me with an incredible opportunity to learn the similarities and differences of issues facing veterinary and human medicine," said Dr. Coppoc.

Dr. Coppoc is active professionally belonging to the American Academy of Veterinary Pharmacology and Therapeutics; the American Society of Pharmacology and Experimental Therapeutics; the American Veterinary Medical Association; the American Association for the Advancement of Science; the American Medical Informatics Association; the Indiana Veterinary Medical Society, Phi Kappa Phi and Sigma Xi.

During his career Dr. Coppoc has been honored with the Senior Leader Award, K-State, 1963; First Place Proficiency in Veterinary Medicine Award, K-State, 1963; University of Chicago, Research Associate Award, 1969-1971; the Alumni Faculty Award for Excellence, School of Veterinary Medicine, Purdue University, 1994; and the Award of Merit from the Purdue School of Veterinary Medicine, Gamma Sigma Delta, Purdue chapter, 1998.

His wife of 42 years, Harriet, is a flutist in the Lafayette Symphony Orchestra. Dr. Coppoc has served on its board of directors for 10 years. He also was president and sang in the Bach Chorale Singers, a noted community choir. He is also currently chair of his church congregation and is on the board of directors of the Lafayette Rotary Club. The Coppocs have two married daughters and five grandchildren. "God has blest me greatly, I am indeed honored to receive recognition from my alma mater," Dr. Coppoc added. [SR](#)

BERRIER, from page 11

Dr. Berrier holds life memberships in several professional organizations some of which include the American and Missouri Veterinary Medical Associations, American Association of Veterinary Laboratory Diagnosticians, and the American Society for Veterinary Clinical Pathology. He was instrumental in the formation of the American Society for Veterinary Clinical Pathology which was organized in 1965. The society has since grown into an international organization. Dr. Berrier has served in the capacities of president, vice-president, secretary, treasurer and chairman of the board for the society.

Dr. Berrier has published 30 professional and scientific papers in professional journals, has been guest speaker to many professional organizations and state veterinary medical conferences and has published three editions each, of two books, on veterinary medicine.

In addition to his career in veterinary medicine, he is also an entrepreneur. Since his retirement from the University of Missouri in 1982, he has kept busy with his business, Show-Me Bar-B-Que. He first began making his own sauce because he was dissatisfied with those available on the market—only making enough for each meal. He then brought home a set of pharmacy scales and developed a specific recipe. This same recipe was used for 20 years before he was convinced by friends and relatives to pursue a patent, which he received in 1975.

Dr. Berrier's operation is still in his basement—the only basement approved by the Missouri Public Health Administration. He and his wife Lina, along with three part-time workers, are able to manage the entire operation. Lina oversees all the bottling, book-keeping and paperwork, while the part-time employees help bottle and distribute the sauce. It is shipped by UPS daily. Show-Me Bar-B-Que Sauce has now grown into an operation that produces approximately 480 gallons of sauce a week in the summer and about half that amount during the winter months. [SR](#)

KREHBIEL, from page 10

appointment to senior associate dean for administration and continues to fulfill the responsibilities of both positions.

Dr. Krehbiel's positions as associate dean for administration and associate dean for academic programs require him to be an advocate for both faculty and students. These dual responsibilities call for a delicate "balance in being sensitive to both faculty and student concerns," Krehbiel said. "My ultimate responsibility is to maintain the high standards of the institution while assisting faculty prepare students for the needs of the profession."

In today's rapidly changing world, Dr. Krehbiel noted that it is not easy to anticipate the future demands society will place upon veterinary medicine, but it is a "paramount concern of the academic world to keep the educational program structured for graduates to successfully fill a variety of roles within the profession."

The K-State Alumni Recognition Award will be added to an extensive catalogue of Dr. Krehbiel's accomplishments. Dr. Krehbiel is currently a member and diplomate of the American College of Veterinary Pathologists, and a member of the American Society for Veterinary Clinical Pathology, the American Veterinary Medical Association and the Michigan Veterinary Medical Association. He has been a chairperson for the National Board of Veterinary Medical Examiners, and has served as chairperson of the American Veterinary Medical Association's Informatics Committee, the Association of American Veterinary College's Academic Deans and the Examination Committee for the American College of Veterinary Pathologists. He has served as president of the American Society for Veterinary Clinical Pathology 1982-83, and the Michigan Veterinary Medical Association.

Dr. Krehbiel was elected to the Council on Education in 2000 and will serve in that capacity until 2006. He has conducted numerous site visits for accreditation of veterinary colleges and in addition, serves as the liaison member from the COE to the Committee on Veterinary Technology Education Activities, which accredits veterinary technology programs. [SR](#)



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November 6-7, 2004 **13th Annual Mid-Western Exotic Animal Medicine Conference**

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Guest speakers: **Dr. James Morrissey**, Cornell University, and **Dr. Pat Redig**, University of Minnesota; K-State CVM faculty speakers including **Dr. James Carpenter**.

For more information, contact Dr. Linda Johnson, (785)532-5696, JOHNSON@vet.k-state.edu, or visit the website at www.vet.k-state.edu and click on Continuing Education.

December 4, 2004 **13th Annual Emergency Medicine Conference:** **A Surgical Perspective on Emergency Medicine**

Conference sessions will include: "A Surgeon's Approach to 'I See Orange!'", Medical Complications of Successful Surgery, Routine Neuter to Ruin Your Weekend in Less than 60 Minutes, A Case-based Look at Airway Obstructions, Urogenital Challenges, Complicated Diaphragmatic Hernias, A GI Emergency Pot-pourri, and Cache and Oscar: Case Studies"
Guest Speaker: **Dr. Jamie Bellah**, Auburn University

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