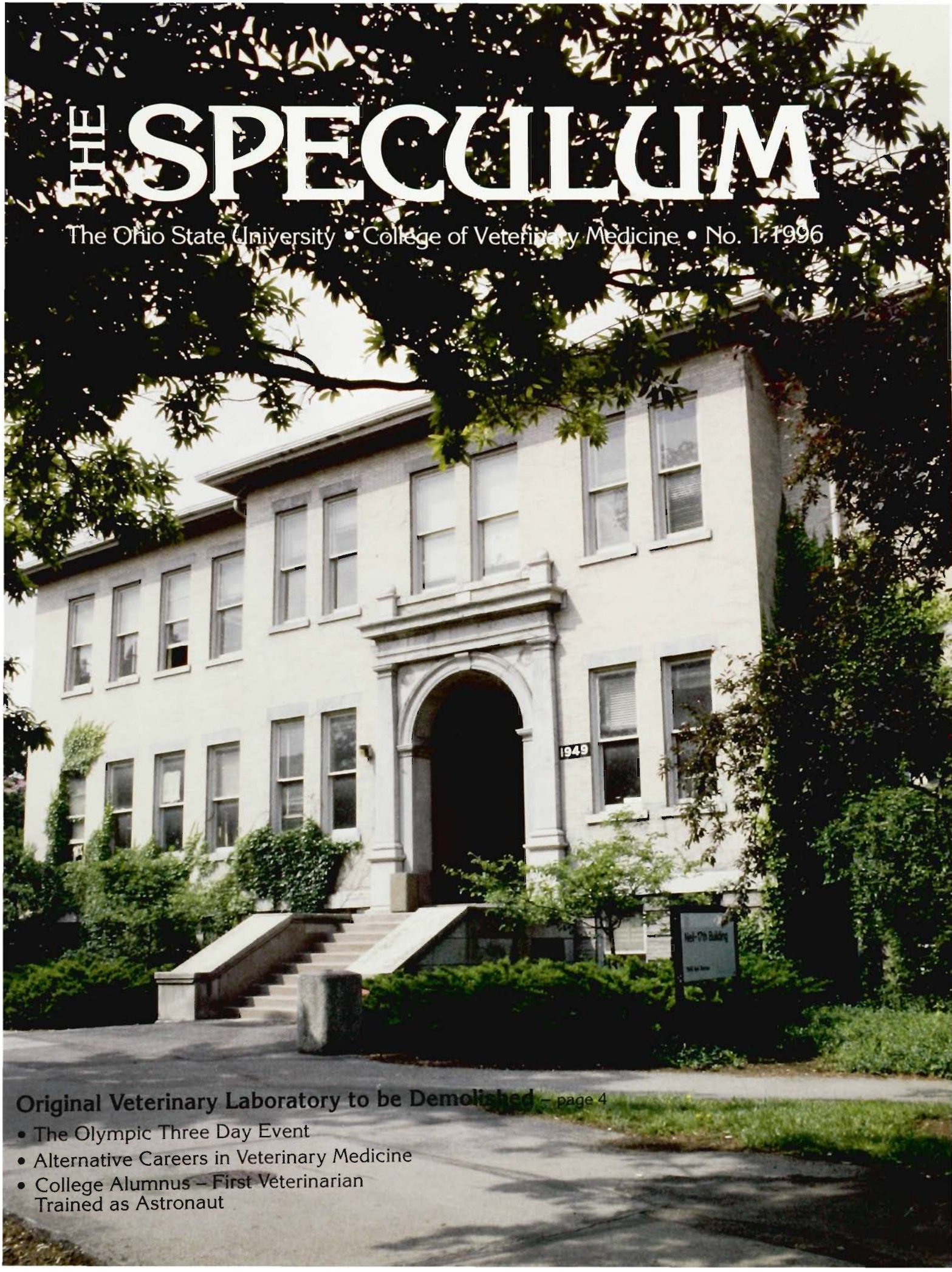
THE SPECULUM

The Ohio State University • College of Veterinary Medicine • No. 1 1996



Original Veterinary Laboratory to be Demolished – page 4

- The Olympic Three Day Event
- Alternative Careers in Veterinary Medicine
- College Alumnus – First Veterinarian Trained as Astronaut

From the Editor's Desk:

Several College alumni have asked if there is a way to obtain a listing of classmates who have e-mail access. We will attempt to put something together following the next membership dues mailing. If you have an e-mail address be sure to include it on the society membership card below your telephone number.

Mark your calendars now for the Annual Alumni Meeting, scheduled for **September 20-21**. At that time we will be celebrating reunions for the Classes of 1946, 1951, 1956, 1966, 1971, 1976, and 1986. If you are a member of one of these classes, you should have already heard from your class president. A mailing with details and registration materials was sent to all alumni in July. The College also will be dedicating the new Galbreath Equine Center on September 21. Come join us for the dedication and tours of this exceptional facility.

For more information about the College, check our site on the World Wide Web at http://www.vet.ohio-state.edu/

In the meantime, please know you can always call me at the College Alumni Office, 614/292-1171, with questions, suggestions, or concerns.

Hope you are enjoying the summer!

Bonnie Christopher Bates
Managing Editor

Letter to Editor

The current issue of *The Speculum* (Issue 2, 1995) is a perfect example of Ohio-ness: personalized from cover-to-cover, newsy, informative, well-written, well-edited. You are to be congratulated!

Since I'm interested in historic items, I appreciate the in-depth article by Cathy C. Zirkle: "The History of Alpha Psi and Omega Tau Sigma." I was a member of the latter and hence in position (somewhat) to comment on the origin of your publication. Ms. Zirkle says *The Speculum* was started in the 1930s, as a fraternity newsletter, but as I wrote in "Genesis of The Speculum," Volume XI, No. 2, page 4, utilizing original sources, the publication was born in a cold garage in the winter of 1940. It was mimeographed 1940-46, printed 1946-48, and appeared as the College *Speculum* from 1948 to date.

Kenneth B. Haas, DVM '49
Kalamazoo, MI

Cancer Survivors Plaza

On May 23, 1996, the OSU Chadwick Arboretum and friends dedicated the Richard and Annette Bloch Cancer Survivors Plaza on the Columbus campus at the northeast corner of Lane Avenue and Olentangy River Road. This gift to the University and community is a celebration of those who have survived cancer and an encouragement to those who are dealing with the disease.

We would like to encourage OSU alumni who are cancer survivors to submit their name for inclusion in the Plaza's interactive computer registry. Those wishing to register may call the Franklin County Unit of the American Cancer Society at 614/228-8466 or write to them at 900 Michigan Avenue, Columbus, OH 43215. Please provide your name and address, plus type of cancer, stage of cancer, and year of initial diagnosis. Only your name, type of cancer, and date of diagnosis will appear in the computer. The listing is another way to emphasize that cancer is a disease which may be overcome with diagnosis and treatment.

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Editor
Bonnie Christopher Bates

Student Editor
Barb Bischoff, VME III

Cover Design/Consultant
Robert Hummel

Contributing Writers
Richard M. Bednarski, DVM, MS
Sallie B. Cosgrove, MS, DVM
Kent Hoblet, DVM, MS
Glen F. Hoffsis, DVM, MS
Kristine J. McComis
Charles A. Neer, DVM
Larry L. Rummell
Roy S. Zinn, DVM
Cathy C. Zirkle

Student Reporters
Ann Dapore, VME III
Alecia Larew, VME III
Silene Moore, VME III
Timothy A. Ness, VME II
Aaron Tangeman, VME III

Photography
John Jewett
Dan Patton, RBP
John Swartz, RBP

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Contributions are welcome but we reserve the right to edit material.
Please address correspondence to:
Editor, **The Speculum**
College of Veterinary Medicine
1900 Coffey Road
Columbus, Ohio 43210
Phone: (614) 292-1171
When you move, please send both old and new addresses.

Cover: Photo of the Neil Avenue Veterinary Laboratory by John Jewett

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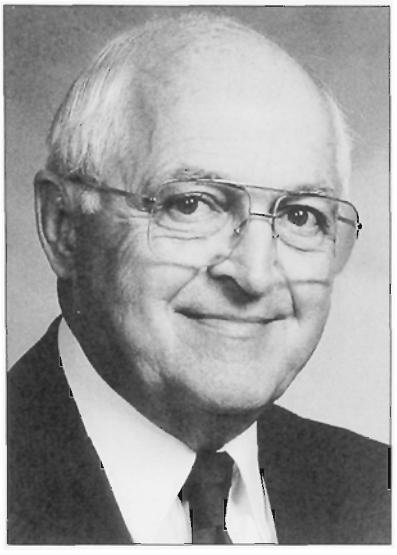
By executive action, this logo became the official Ohio State University College of Veterinary Medicine logo on January 13, 1972. It should retain the original design when being reproduced.



In Memoriam

Richard L. Rudy, DVM
Professor Emeritus

The Ohio State University College of Veterinary Medicine regrets to announce the death of Dr. Richard L. Rudy on April 21, 1996, at the age of 74.

Following graduation in 1943 from the OSU College of Veterinary Medicine, Dr. Rudy accepted the position of instructor of large animal surgery at the College, followed by small animal surgery in 1947. Due to the small number of veterinary faculty in the 1940s, Dr. Rudy taught quite a number of courses in his early career and developed the first course in radiology at the College in 1945. He also performed the first cataract removals, glaucoma, and corneal surgeries, the first repairs of PDAs, pulmonic stenosis and persistent right aortic arch, thoracic duct ligation, total and subtotal lung lobectomies, and removal of foreign bodies from the esophagus. In the early 1950s, Dr. Rudy was introduced to the Paatsama technique, a revolutionary treatment for anterior cruciate ligament repair in dogs, and traveled throughout the U.S. to teach other veterinarians this new technique. In 1957 he was named professor and head of the Department of Veterinary Surgery and Radiology. In the 1960s Dr. Rudy researched and developed skull and mandible surgical techniques. He retired from OSU in 1985 but continued to perform referral surgery throughout the state.

Dr. Rudy was a member of the organizing committee for the American College of Veterinary Surgeons and was its second president. He is past president of the Ohio Veterinary Medical Association and was named "Veterinarian of the Year" in 1980 by the American Animal Hospital Association.

Memorial contributions may be made to the OSU Development Fund, Attn: Richard L. Rudy Residency and Small Animal Surgery Fund, 2400 Olentangy River Road, Columbus, OH 43210, or to Trinity United Methodist Church Memorial Fund, 1581 Cambridge Blvd, Columbus, OH 43212.

College News and Events

The Dean Comments: Teaching Excellence in the College of Veterinary Medicine

John Jewett

Dean Glen Hoffsis

Our College has always had a tradition of high quality teaching. That tradition continues today. Along with research and service, teaching is a primary component of the College mission. At times, it is believed that research has been emphasized at the expense of teaching and service. It is true the College is trying to advance its research program, but certainly not at the expense of teaching. Teaching is a continuing high priority of our faculty who are always vying for more time to spend covering their subject material.

College teaching is supported primarily through the Assistant Dean for Academic Affairs, Dr. John Hubbell, and his work through the Council on Education. Our curriculum was revised about three years ago to accommodate more elective course work and other teaching innovations such as problem-based learning. But the courses and their contents are continually revised and updated as faculty change and to accommodate the development of new knowledge. The teaching effort is supported by the Educational Resources Center, managed by Dr. Allen Shaffer, a long time College employee who recently received his PhD in education. This group assists faculty in assessing their student evaluations and in their quest to improve teaching methods and performance. The Biomedical Media group, headed by Mr. Dan Patton, produces high quality teaching visuals which greatly enhance the students' ability to learn the material. Our faculty are in high demand for scientific presentations and continuing education courses around the nation and the world. They are recognized for their excellent visual aids produced by this section.

Recent University Teaching Awards

Our College has been recognized for excellence in teaching in many ways over a span of several years. Many of these awards have received far too little emphasis and notice. Recently, the Department of Veterinary Clinical Sciences was awarded the University Departmental Teaching Award which is given annually to only two departments in the entire university. The award is for $25,000 of continuing support to the department. This is a monumental achievement, one for which the department and College are very proud. The faculty in this department are gifted teachers and they teach 60-70% of the didactic portion of the curriculum and the vast majority of the applied clinical portion of the curriculum. The department takes this responsibility very seriously and makes a major commitment of time in the clinical rotations for special activities and ward rounds to be sure our students receive the best possible education we can deliver. To have one of our departments win the Departmental Teaching Award is particularly noteworthy because our College has the least favorable student-faculty ratio of any college of veterinary medicine in the United States. In other words, we have the largest number of students relative to the number of faculty of any veterinary college. This also means that we have the most efficient teachers with the lowest state funding per student taught of any U.S. college of veterinary medicine.

The University also recognizes individual faculty who have excelled in teaching. Each year, five individual faculty members are selected from across the University to receive this award. Through the years, several of our faculty have received this award. This year we were fortunate that Dr. Jerry Masty, an assistant professor of anatomy in the Department of Veterinary Biosciences, received this award. He is a gifted teacher of our freshman students and this year introduced several new innovations which help aid students in learning the principles of anatomy and to keep it relevant in modern medical sciences. This award carries with it a $3,000 award and a $1,200 salary increase. I join the rest of the faculty

in extending congratulations to Dr. Masty for his outstanding achievement. When one individual or one department within the College achieves this magnitude of recognition, it is an achievement for the entire College. Truly, the rising tide floats all the boats.

College Teaching Awards

Every year we present three awards for outstanding teaching to faculty within the College. The Norden Teaching Award is presented to the outstanding teacher nominated by the students and selected by the Awards Committee of faculty and students. This year's recipient is Dr. Steven Weisbrode in the Department of Veterinary Biosciences. Dr. Weisbrode has been an outstanding teacher for many years and has been nominated numerous times for this award. Congratulations Steve!

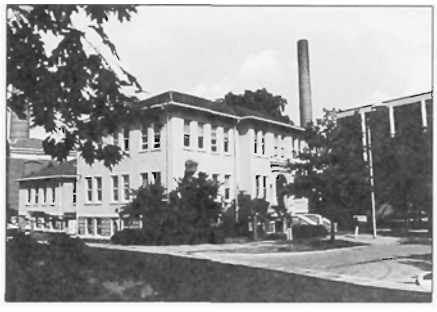
The Dean's Teaching Award for Excellence in Graduate Education is a relatively new award presented to those faculty who have performed in an exceptional manner in the educational program of our graduate students. This year the recipient is Dr. Rupert Herd in the Department of Veterinary Preventive Medicine. Congratulations Rupert!

The Merck/AGVET Award for Creativity is presented for creativity in teaching. This year the recipient is Dr. Dennis Chew who led a team of faculty in developing innovations in the teaching of urology. He will now enter a national competition among the other North American colleges of veterinary medicine. Congratulations Dennis !

Conclusion

The College and University recognize outstanding teaching performance in its reward structure. The guidelines for promotion and tenure of faculty include the evaluation of teaching as a major criterion in the process. Department chairs and administrators in our College use teaching evaluations as a major criterion to evaluate faculty for yearly salary increases. We constantly evaluate teaching methods, visual aids, curriculum structure and faculty development and we place the very best teachers we have in the classroom. In the final analysis, we are really hoping to achieve the very best in student learning. The key ingredients in this process are motivated, talented students, outstanding faculty who wish to impart their knowledge, and an abundance of teaching materials (books, notes, library, active clinical caseload, necropsy and other laboratory specimens, and off-campus experiences such as ambulatory and other practices, and off-campus and elective experiences.) The teaching program at Ohio State encompasses a wealth of these ingredients. Our legacy of outstanding teaching is assured for the foreseeable future.

John Jewett



Neil/17th Building (Veterinary Laboratory)

Cover Story: Original Veterinary Laboratory Building to be Demolished

by Barb Bischoff, VME III
Student Editor

The oldest building on the OSU campus once dedicated to veterinary education is being demolished this summer, nearly a century after its completion in 1903. Formerly known as the Veterinary Laboratory, and more recently called the Neil/17th Building, it joined the Veterinary Hospital, completed in 1891, as permanent housing for the College of Veterinary Medicine. As enrollment increased during the early years of the veterinary medicine program, Dr. David S. White, the first dean of the College, convinced the state legislature of the need for expanded facilities. In 1901, the legislature appropriated $35,000 for a new veterinary laboratory building.

Dr. White later wrote in a brief college history: "... The sum was inadequate to meet the actual needs

John Swartz

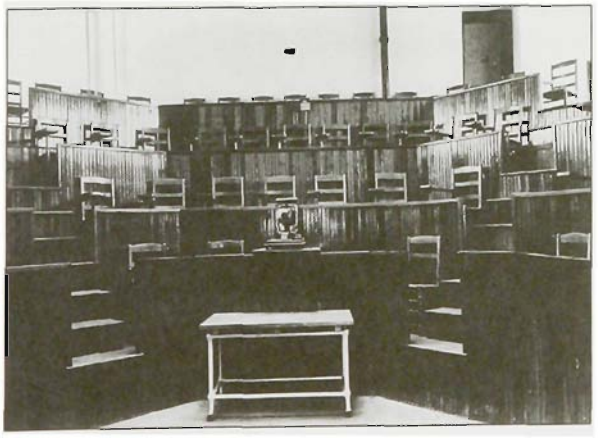
The front of the building is accentuated by an arch containing two blocks, one with a DVM insignia and the other "1903."

... (but) it seemed the best that could be done. This building, though too small in capacity and too puritanical in architectural effect, served to furnish much needed quarters for the branches of anatomy, pathology, and bacteriology."

Much of the building still resembles its earlier appearance, according to Dr. William Ingalls (DVM '36) who had classes in the building. Many of the rooms are large, open areas now void of desks and chairs in preparation for the building's demolition. The dissection room is still an expansive space with what appear to be the original tiles on the walls and long, narrow double windows which also seem to be little changed over the years. Although the dog is the primary anatomy model in today's education of veterinary students, the horse was the model in the early 1900's. Other than changes in landscaping and the closing of Neil and 17th Avenues to public traffic, the external appearance also is quite similar to that of it's earlier days. The front of the building is accentuated by an arch containing two blocks, one with a DVM insignia, and the other "1903." "Theses two blocks are being saved in hopes that they can be incorporated into the plans for the Sisson Hall replacement building," said Dr. Glen Hoffsis, Dean of the College of Veterinary Medicine.

Dr. Ingalls recalls climbing the stairs to the amphitheatre as a freshman and wondering how they (the faculty) expected students to sit on those straight-back benches all day. It wasn't long before he had other things to think about. "I remember being terrified when Dr. (James) Grossman threw a scapula up to me in the second row and asked me to identify the parts, " Ingalls said. (Some things never change—just the participants).

The Veterinary Laboratory is the last of the buildings used in the early 1900s by the veterinary college to be demolished. The first Veterinary Clinic, dedicated in 1891, was replaced by a much larger and, at the time, more modern clinic in 1910. This clinic was then demolished in 1965 to make room for a new engineering building. It was at this time that the clinic was relocated to temporary facilities on Kenny Road until 1973 while waiting for the present Veterinary Hospital to be completed. Other current veterinary medicine facilities and the years they were completed are Sisson Hall (1957), Goss Laboratory (1963) and the soon to be completed Equine Center.



The photo at left, taken in 1906, is the Lecture Room in the Veterinary Laboratory.

John Swartz

Emeritus professor William Ingalls reminisces about the building in which he had classes.

Photos courtesy OSU Photo Archives

A pathology class at the Veterinary Laboratory in 1917--inadequate electric lighting made natural light an absolute necessity for microscope work.

Students are shown working in the Dissection Room at the Veterinary Laboratory in 1918.

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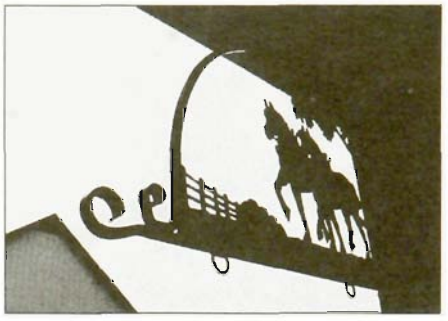
The Olympic Three Day Event:

Research by Dr. Catherine Kohn and Associates Used to Prevent Injuries and Illness of Participating Horses



by Sallie B. Cosgrove, MS, DVM
photos taken at 1996 Rolex by John Swartz

The 1996 Summer Olympic three day event in Atlanta focused attention on the effects of heat and humidity on exercising horses. The laboratory and field research conducted over the past four years by Dr. Catherine Kohn, associate professor at the OSU College of Veterinary Medicine, and 40 other sports medicine veterinarians from the United States and Europe, culminated with the team speed and endurance tests in mid-July.

The sport of combined training or three day eventing has its origins in Europe where, typically, low temperatures and low humidity prevail during the eventing season. The prospect of hosting a three day event in Atlanta where temperatures often reach 88-94° F. with 60-80% relative humidity presented the United States Olympic Committee (USOC) with a formidable task.

The three day event, as the name implies, is a test of horse and rider held over the course of three days. Prior to the start of the actual competition, each horse is given a thorough physical examination by the Veterinary Commission. The competition begins with the dressage test. The dressage test can be likened to the compulsory phase of an ice skater's performance. The horse and rider are asked to perform a series of "movements" in a set pattern in a small ring. The dressage test is designed to evaluate the horses' manners, suppleness, and way of going.

The second day of the competition is the speed and endurance test. This test is divided into four phases: A, B, C, and D. Phases A and C, the so-called roads and tracks, are designed as the warmup for phases B and D, the steeplechase and the cross country. The steeplechase course consists of 10-12 similar appearing brush fences which the horse is asked to jump at racing speed. The cross country course is comprised of a wide variety of natural obstacles including water, banks, ditches and drops which the horse can gallop over. From the start of phase A to the completion of phase D, the horse and rider will have travelled approximately 14 miles in a little less than two hours.

The third and final day of the competition is the show jumping test. Prior to this performance, the horse must again pass a mandatory veterinary inspection. Show jumping is designed to evaluate the horses' obedience and versatility over a course of fences in a ring after challenging his stamina on the demanding speed and endurance day.

Dr. Frank Andrews served as one of the sports medicine veterinarians at the Atlanta Olympics. Dr. Andrews completed his residency at OSU in 1987 and is now an associate professor and section chief of large animal medicine at the University of Tennessee. Dr. Andrews explained that although there was very little published information on the effects of heat and humidity on the event horse, the eventing community was well aware of Dr. Kohn's continued efforts to collect scientific data from horse trials and three day events. That information became the foundation for additional studies designed to evaluate the physiological and biochemical parameters, weight loss, and fluid and electrolyte loss in the competition horse.

Dr. Kohn and her colleagues began a series of studies in 1990 designed to evaluate the physiological effects of the speed and endurance day on the event horse. As a result of their work, significant modifications have been made to the Olympic Three Day Event in Atlanta to make it a safe and enjoyable competition for spectators, horses and riders.

Dr. Kohn and her colleagues began a series of studies in 1990 designed to evaluate the physiological effects of the speed and endurance day on the event horse.

Dr. Kohn checks a horse's respiratory rate in the veterinary box.

When questioned about her research efforts, Dr. Kohn explained that the three day event horse, in particular, was at risk for developing thermal stress in the heat of Atlanta. Event horses must be able to handle the combination of a fast pace, long distances, and difficult jumping efforts. The horse is predisposed to developing a large thermal load (stored heat) during intense exercise in a hot environment because they have a low ratio of body surface area to body mass and hence a relatively small surface area from which evaporation, heat radiation, or convection can take place.

Dr. Kohn described her group's strategy for attenuating exercise-induced increases in body temperature. First, reduce the intensity or duration of the exercise, and, second, increase the heat dissipation. Dr. Kohn and her coworkers designed a series of field trials to quantify the effect of changes in the environmental temperature and humidity upon the work effort. When it became impossible to simulate the conditions of Atlanta in July in the field, investigators moved to the laboratory and initiated a series of treadmill studies to provide them with additional information.

Dr. Kohn explained that protecting horses from heat stress demands that the heat production be decreased. This may be accomplished by decreasing the intensity and/or the duration of the exercise. As a result, the horse benefits from decreased fluid loss in sweat and from the respiratory tract.

Dehydration due to fluid loss may compromise thermoregulation. Body weight changes during exercise provide a reliable guide for estimating fluid losses in horses. Total body water accounts for 66% of the horse's body weight. Dr. Andrews found that horses lost an average of 15.6 liters of water, or approximately 4% of their total body water, during the speed and endurance phase of the three day event. Though the relationship between total body water and performance in the horse remains unknown, Dr. Andrews noted that human athletes experience a decrease in performance when total body water decreases as little as two percent.

In addition to a substantial fluid loss, Dr. Kohn and her coworkers noted changes in the acid-base balance, blood lactate and serum electrolyte levels in the three day event horse. Although a substantial amount of hematological and biochemical data appears in the literature, comparison of the studies is difficult. The response to exercise varies with the terrain, quality of the footing, weight and expertise of the rider, and a host of environmental factors.

In general, acid base changes were characterized by a normal pH metabolic acidosis and a compensatory respiratory alkalosis. Serum chloride concentrations, potassium, serum total calcium and ionized calcium concentrations decreased from the start of the event to the completion of the speed and endurance phase. Plasma sodium and serum phosphate creatine kinase and aspartate transaminase levels were all increased, though often times the increase was not outside normal limits. Dr. Kohn noted that some horses were unable

Dr. Kohn updates her records after examing a horse at the completion of phase C (roads and tracks).

to replenish these deficits after an 18-hour recovery period.

Plasma lactate levels increased significantly when compared to resting values. Blood lactate concentration is frequently used to assess fitness of a performance horse. Changes in blood lactate concentration reflect the accumulation of lactate within the muscles and indicate the contribution of anaerobic metabolism to the exercise effort. The accumulation of lactate is related exponentially to both heart rate and exercise intensity.

High ambient temperatures and humidity pose serious problems for exercising horses because failure to dissipate heat may result in a potentially dangerous increase in body temperature. Horses dissipate heat primarily by evaporation of sweat. This evaporation rate is dependent on the gradient between skin and atmospheric temperature and water vapor pressure. When humidity is high, rate of evaporation is reduced. Dehydration, due primarily to loss of fluid in sweat, may decrease plasma volume, stroke volume and cardiac output. If the demands of work and heat dissipation are prolonged, eventually homeostatic mechanisms will favor preferential distribution of cardiac output to working muscle, thereby increasing heat storage.

Increasing body temperature contributes to fatigue associated with poor muscle perfusion, and eventually performance is limited. Thermoregulatory mechanisms may be overwhelmed during intense exercise under adverse ambient conditions, and exhaustion or heat stroke may result. The horse is at particular risk under such conditions because of a high metabolic capacity and a low ratio of surface area to body mass.

When the capacity of the thermoregulatory system to dissipate heat is overwhelmed by the heat load produced, the temperature of the body core rises steadily and may approach critical levels. In order to better understand the factors affecting the horses' ability to dissipate heat, Dr. Kohn and her coworkers conducted a treadmill study that investigated cooling techniques. The outcome of this study allowed Dr. Kohn to make the following recommendations. At the completion of phase C, horses should be moved into the shade and kept cool in a well ventilated area to take advantage of convection heat loss from the skin. Misting fans, which emit a fine spray of cool water may also be employed to facilitate heat dissipation. Traditional cooling procedures such as covering the body with a cooling sheet, a blanket or wet towels should be avoided because they impair heat loss at the skin surface. After removing the saddle and bridle, liberal quantities of cool water are repeatedly applied to the horse and then quickly removed by scraping to facilitate heat transfer. The cooling process can be further accelerated by applying extremely cold (35-39° F) water.

Though limited time is available to cool horses during the competition, the need for rapid and effective cooling procedures is obvious. Less obvious, but equally important, is the need to continue to manage the recovering horse at the completion of the competition. In hot, humid conditions, heat gain continues to exceed heat loss following the cessation of exercise. Rectal temperatures should be monitored frequently during the first 15-30 minutes of recovery from exercise. Temperatures exceeding 106° F after exercise indicate a marked hyperthermia and the need for continued active cooling. Active cooling may be safely discontinued when rectal temperature is below 104° F.

Some horses competing in the endurance test of a three day event may not be able to voluntarily replace water deficits incurred, and supplemental fluid may be needed. Like human athletes, the equine athlete develops a type of voluntary dehydration during and after prolonged exercise. Human marathon runners must be told how much fluid to consume to avoid

A competitor clears a fence during the third day of competition--the stadium jumping phase.

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dehydration because drinking to satiety does not adequately replace the fluid loss. Reluctance of a horse to drink may not be indicative of complete rehydration. If the water deficits are not replaced, performance may be impaired during the stadium jumping phase of the competition.

Under normal conditions, the endurance phase of the competition, though challenging, does not appear to place unreasonable demands on the horse. However, the thermoregulatory demand of a hot, humid climate are large. The new and innovative information provided by Dr. Kohn and her coworkers had allowed the FEI (Federation Equestre Internationale) and the USOC to make the necessary adjustments in the three day test itself to suit the likely environmental conditions in Atlanta. The team competition was held on a different day than the individual competition which permitted all horses to compete prior to 11:00 a.m. This avoided the intense solar radiation that is typical of an Atlanta afternoon. The course was shorter than a typical three day event of this level. A shortening of the endurance test was helpful in decreasing fatigue, water and electrolyte losses, and possibly myonecrosis in the horse. Cooling stops were provided during phase C. The 10 minute pause at the end of phase C was extended to at least 15 minutes to allow additional cooling and a more complete veterinary examination. There was an increase in the veterinary surveillance of the horses on the course, and the animals' hydration status was monitored by daily weighing and clinical examination.

The knowledge gained from research in preparing for the Olympic events in Atlanta will benefit any horse participating in any equestrian sport. Veterinarians, riders and trainers of race horses, competitive trail horses, combined driving horses, western pleasure horses, dressage horses, and show jumpers have all listened with interest as Dr. Kohn and her colleagues have presented the results of their research efforts. Each individual has a goal of obtaining an optimum performance from the equine athlete without the untoward effects of heat exhaustion, extreme fatigue or distress.

Balancing Cancer Research with Reality

by Cathy C. Zirkle

> *Cancer is a group of more than 100 different diseases. Cancer occurs when cells become abnormal and keep dividing and forming more cells without control or order. No one knows for sure how a normal cell becomes a cancer cell. But scientists agree that people get cancer mainly through repeated or long-term contact with one or more cancer causing agents or carcinogens. These carcinogens cause body cells to change their structures. In many cases, the sooner cancer is diagnosed and treated, the better chance for a full recovery.*
> (National Cancer Institute Publications: *What You Need to Know About Cancer*, 2-3; *Cancer Prevention*, 2)

Statistics predict that one in every three Americans will be affected by cancer within their lifetimes, whether it be contracting the disease themselves or dealing with its dreadful effects on a family member or friend (The James Line, n.p.). These unsettling statistics demand attention and response, and OSU researchers from the Departments of Veterinary Biosciences and Medical Biochemistry have collaborated efforts and answered the call. Veterinary pathologist and professor, Paul Stromberg, along with biochemists, Dorothy Schumm and Thomas Webb, are developing a blood test that detects cancer in animals and their discovery

John Jewett

Dr. Paul Stromberg

carefully balances the impact of cutting edge research with the sensibility of anticipated realities.

From a historical perspective, the ordinary research that the OSU team began, and the extraordinary discoveries to which it evolved, occurred by complete coincidence. In the mid-1980s, Drs. Webb and Schumm discovered an increase in RNA transport (the substance that translates information in genes to proteins) activity in rats with liver tumors. Drs. Webb and Schumm considered it quite unusual to find it also in the plasma of adult rats that had been injected with chemical carcinogens. The protein was termed OFP (oncology fetal protein) 55 (indicative of the size unit of the protein).

Although their work originated through the study of rat plasma, the researchers progressed to human blood samples when Dr. Stromberg joined the team. At this time, Dr. Stromberg was studying immune disorders in leukemia patients. When he began to compare some of his own research with that of Webb's and Schumm's, he found that the same protein, OFP55, was expressed in the plasma of leukemia models.

Being a veterinary pathologist, Dr. Stromberg's questions immediately and naturally progressed to his field of study and expertise. If OFP55 occurred in rats and humans infected with cancer, would it also be found in dogs and cats that had malignancies? The team's research confirmed that the protein was indeed present in canine and feline oncology cases and the results were groundbreaking, though not lacking much scrutiny. According to Dr. Stromberg, their "timing was fortuitous." Just a decade earlier, there was not much interest in veterinary cancer research due to the financial risk involved. But on the brink of a new millennium, yet still faced with the dark reality of no cure for cancer, veterinary companies were finally willing to soundly support oncology research. They began to see it as a unique opportunity that could possibly open the door to discovery and cast a promising light on cancer's black shadow. The subjects, unfortunately, were easily found. Dogs and cats have an overabundance of tumors, many of which are malignant. The OSU Veterinary Hospital sees over 5,000 oncology cases per year and at least 30% of the soft tissue surgical case load is cancer related. Consequently, the prospect of discovering cancer sooner rather than later was met with great enthusiasm by oncologists and surgeons alike. For oncologists, the early detection of cancer through an OFP55 blood screening has the potential to add significant time to a pet's life by allowing earlier intervention therapies. For surgeons, the blood test would allow them to get a step ahead in the race against time because an earlier surgery could mean a higher cure rate for cancer patients.

But the infinity and promise of research must be combined with the limitation and risk of reality. The testing for OFP55 has yet to be perfected in several ways. First, the process of testing the rats was extremely complicated and very time consuming. Second, every type of cancerous tumor secretes this protein, so the test is actually a non-specific marker. This is problematic in that the test would indicate that the patient has cancer, but it would not identify the location of the cancer. Third,

Dr. Stromberg readily admits, *"I've never been at a place where my research has such a potential to affect human lives and return something of substance to pets' lives and/or their owners."*

although the test is presently over 90% accurate, it must maintain this level of accuracy in the commercial testing format to be useful. However, the OFP55 screening could initially be utilized to detect cancer in the animal's bloodstream. The test would be especially advantageous in tracking the progress in patients already diagnosed with cancer by identifying the cancer regression and/or recurrence after chemotherapy and/or amputation. Testing for OFP55 as a general screening would also be extremely useful, according to Dr. Stromberg, by providing "supplemental information to other screening modalities." If it was determined that OFP55 was present in the animal's plasma, then perhaps other forms of testing, such as urine, cerebrospinal fluid, sputum, etc., would mark the specific location of the cancer (Lore, C2).

Not often is a researcher given the cherished chance to have such a profound effect on lives, regardless of the species. Most researchers spend their time and their lifetimes striving to satisfy their own imaginations and attempting to pacify the world's curiosity. Scientists must perch on a precarious pedestal, recognizing the realm of research and remembering the restriction of reality. Because of the remarkable discovery of OFP55, OSU researchers Drs. Stromberg, Schumm, and Webb have not only

achieve their own dreams, but have also begun an adventure to confront one of society's deepest fears and deadliest foes. Dr. Stromberg readily and enthusiastically admits, "I've never been at a place where my research has such a potential to affect human lives and to return something of substance to pets' lives and/or their owners."

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College Alumnus--First Veterinarian Trained as Astronaut

Photo courtesy of NASA

Dr. Richard M. Linnehan (OSU '85), standing second from left, along with the crew of Space Shuttle Mission STS-78

Richard M. Linnehan (DVM '85) participated in his first flight as a Mission Specialist on the Space Shuttle Columbia. The shuttle, the longest NASA Shuttle mission to date, was launched on June 20 for 17 days.

This mission involved the Life and Microgravity Sciences (LMS) payload being carried in the pressurized Spacelab module in Columbia's cargo bay and focused on two main areas. The LMS life science studies will probe the responses of living organisms to the low-gravity environment and highlight musculoskeletal physiology. LMS microgravity experiments will focus on understanding the subtle influences at work during processing of various samples, such as alloy materials, when gravity's effect is greatly reduced. On Earth, gravity distorts scientific results. Materials processed in orbit reveal underlying secrets masked or distorted in ground-based laboratories. Likewise, free from gravity, the human body undergoes changes that can affect astronaut performance. While LMS life sciences information will help prepare crews for longer duration missions, the causes of, and cures for similar ailments experienced on Earth may be found.

Following graduation from OSU, Dr. Linnehan entered private veterinary practice and was later accepted in a joint internship in zoo animal medicine and comparative pathology at the Baltimore Zoo and Johns Hopkins University. After completing his internship, Dr. Linnehan was commissioned as a captain in the U.S. Army Veterinary Corps and was assigned to the Naval Ocean Systems Center in San Diego as chief clinical veterinarian for the U.S. Navy's Marine Mammal Project. During his assignment at NOSC, Dr. Linnehan initiated and supervised research in the areas of cetacean and pinniped anesthesia, orthopedics, drug pharmacokinetics, and reproduction in direct support of Naval mobile marine mammal systems stationed in California, Florida, and Hawaii. Dr. Linnehan was selected to be an astronaut by NASA in 1992.

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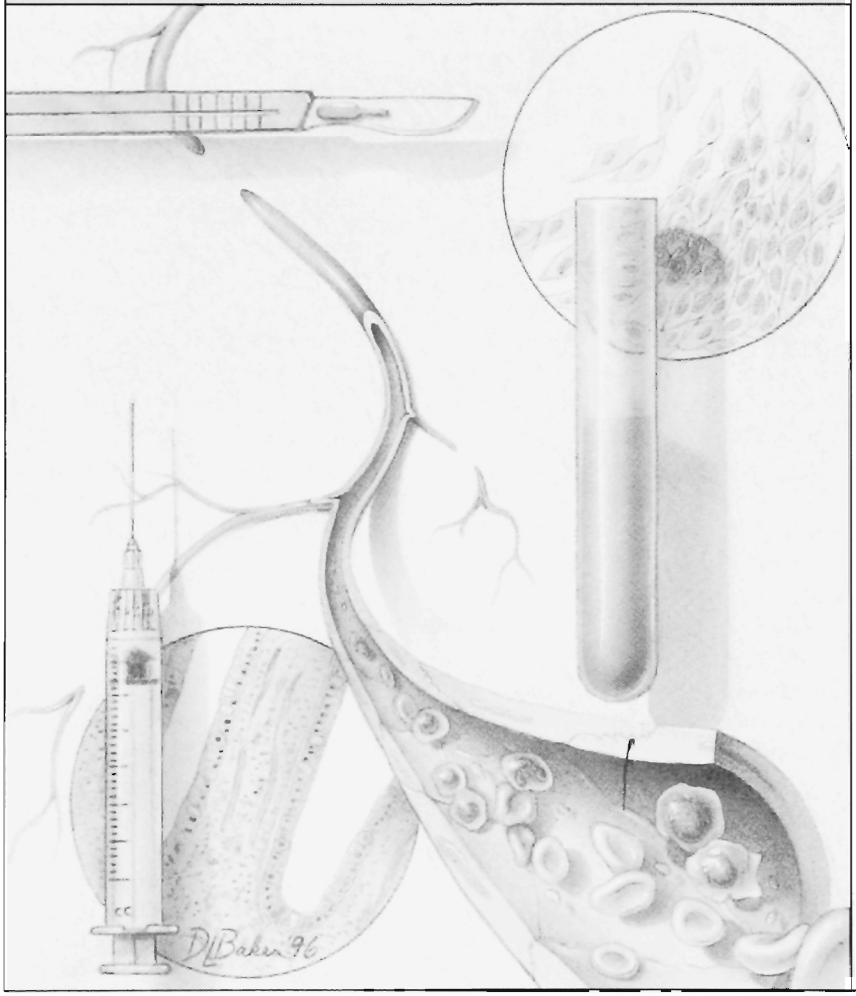

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Alternative Careers in Veterinary Medicine:
Spotlight on Dr. Ann Schola Clark

by Kristine J. McComis

Graduation day for our veterinary students never seems to arrive fast enough. After ceremonies in Ohio Stadium, graduates and their families gather on the front lawn of the Veterinary Hospital for a reception and picnic lunch. The question asked most often of each other is, "So, are you going to practice small animal or large animal medicine?" For those unfamiliar with the scope of the veterinary profession, the option to not go into a private practice right after graduation seems bizarre. However, many people opt to use their degrees in ways far removed from the outpatient exam rooms in the clinic. A prime example of a veterinarian enjoying tremendous success outside of private practice is the well-respected OSU alumnus, Dr. Ann Schola Clark.

Dr. Schola Clark graduated from the OSU College of Veterinary Medicine in 1964. Married to a dentist who also happened to be in the U.S. Navy, Dr. Clark started to practice small animal medicine in Charleston, SC., but due to her husband's transient career, she found herself moving every few years which made it difficult to become established. After several moves she began working for the Food and Drug Administration as a drug reviewer in food animal medicine, evaluating certifiable antibiotics. In 1976 she became an assistant editor for the AVMA's publication division, moved up to the position of associate editor, and in 1989 became director of the AVMA's Career Development Center in the division of Membership and Field Services. Dr. Clark received the Distinguished Alumnus Award from the OSU College of Veterinary Medicine in 1992, and has been cited in the book *Women in Veterinary Medicine: Profiles of Success*, Iowa State University Press, 1991. Dr. Clark earned her MBA from Lake Forest Graduate School of Management just this year. She also is a private pilot and has two sons, Michael and Kevin.

Dr. Clark's career path just fell into place as different opportunities arose. She didn't plan to be an editor or career counselor; in fact, she never took any journalism or counseling courses, but simply obtained on-the- job training as she climbed the ladder within the AVMA. Throughout the years, Dr. Clark had no problem keeping current with developments in the field of veterinary medicine, of course, due to her editing position for the AVMA journals. Dr. Clark loves her current position in the AVMA Membership and Field Services Division. This placement service uses a computerized matching program to match viable candidates to open veterinary positions of all kinds. As well as assisting veterinarians seeking employment, this service also matches jobs for veterinary technicians and students. The center provides career counseling and is a national recruiting nebulas for practices and industries all over the country.

Enthusiastic and energetic, Dr. Clark exhibits excellent communication skills in her current job as she aims to find the best opportunities for every veterinarian who uses the placement service. She loves to network and thrives on getting people in touch with one another in a job matchmaking frenzy, hopefully resulting in a "job love-connection." Her job satisfaction arises from making a difference in someone's life. For example, recently she came to the aid of a veterinarian with lupus who is experiencing a lot of pain in her hands and is finding many procedures difficult to do. Dr. Clark is searching for a job for her which would incorporate her background as a veterinarian as well as accommodate the limited movement that her health requires. A successful search has rewards for both parties. After helping an individual, when she hears the person sounding happy and satisfied on the other end of the phone, she knows she has accomplished her goal.

The field of veterinary medicine has always incorporated a variety of career opportunities. According to

Dr. Clark, 20-25% of veterinarians today are not in private practice. Most simply are drawn to other facets of veterinary medicine; however other reasons include health considerations, such as disabilities or allergies, having to move frequently, unexpected opportunities, and developing other interests. It is not uncommon for a veterinarian to change the focus of his career after 20 years of practicing. Why the change of heart? Dr. Clark pointed out that many veterinary students decided to become veterinarians at age 14 or 15; by the time they are 40 a need to develop other interests is certainly understandable. Most veterinarians like to be challenged and want to obtain plenty of learning opportunities in order to continue a keen interest in their field. Dr. Clark emphasized the need to keep doing things that are FUN! As stated in an interview in the *Veterinary Forum* in May of 1995, Dr. Clark says, "If you can no longer say, 'Thank goodness it is Monday,' and you can only say , 'Thank goodness it is Friday,' then you have got to really think about what is wrong with what you are doing" (p. 69). Graduates of veterinary school never stop being a veterinarian—they always have a broad education base to fall back on in their different ventures. Dr. Clark stresses that it's okay to branch into other areas, and many different jobs in industry and pharmaceutical companies are just another part of veterinary medicine.

Dr. Clark does not use the words "traditional" or "non-traditional" when describing a veterinarian. No matter if someone works for the Food Safety Inspection Service, a laboratory, or a pet food company, he or she is still practicing veterinary medicine. Among her "Twelve Characteristics For Success," listed in the previously referenced *Veterinary Forum* article, she mentions the attributes of "Versatility" and a "Broad-based Background," which includes gaining a wide range of experience in animal and non-animal related fields. "Keep your options open," Dr. Clark advises veterinary students.

Dr. Clark has nothing but good things to say about her alma matter, the OSU College of Veterinary Medicine. She feels our veterinary students obtain an excellent education and are exposed to good species variation. When she is asked the question, "Where did you go to school?" no one questions her answer, "Ohio State." Dr. Clark believes our down-to-earth attitudes and midwestern traditional values are a real plus, and the fact that Ohio hosts the largest state veterinary meeting in the country speaks for itself. And, of course, we have wonderful, supportive alumni. No matter where the road takes our students, they can be proud of the veterinary degree that supports whatever variation of veterinary medicine they choose to practice. Dr. Ann Schola Clark is proof positive that the possibilities are endless.

News from the Hospital Director

by Richard M. Bednarski, DVM, MS

As the year progresses, the OSU Veterinary Hospital is slowly incorporating a new look. The Galbreath Equine Center addition has taken center stage since the beginning of its construction, but other transformations have occurred inside the Veterinary Hospital as well. The most noticeable change has been the remodeling of Room 1147, which serves both as a conference room and a classroom. The funds to refurbish this room were donated from the proceeds of the 1995 auction sponsored by the OSU Veterinary Medicine Alumni Society. We purchased new furniture, which includes comfortable padded chairs and modern modular conference tables, which enables the inhabitants to position the furniture in a way conducive to the particular meeting or class. A new overhead screen was installed on the front wall and a brass plaque denotes the furnishings as a gift from the Alumni Society. The hospital has obtained two pieces of art to display in this room—a portrait of the old Veterinary Clinic on Neil Avenue drawn by artist Sammy Woodgeard, and a black and white caricature drawn for the Alumni Society by the

John Jewett

This conference/classroom in the Veterinary Hospital was refurbished using proceeds from the 1995 Alumni Society auction.

well-known veterinarian, artist, and humorist Robert M. Miller (RMM).

Students, staff and faculty have already started enjoying and making use of this room. With its flexible set-up and attractive, comfortable furniture, the room is by far the most popular choice for meetings. Everyone has positively commented on the decor and has expressed great appreciation for our alumni's generosity.

Another remodeling project, in conjunction with the opening of the new equine center, is an upgrade and move within our building of our nuclear scintigraphy facility. We are obtaining a new wide angle camera and imagery system. The new location will be easily accessible from both the large and small animal clinics. This facility should be operational by late autumn. We are keeping our fingers crossed that funding will be obtained for a CAT scanner, which also will be accessible to our large and small animal clinics. Opening the new equine center allows us to expand and improve our diagnostic services to better serve our referring veterinarians and current clientele as well as the new clients we will acquire. We can look forward to other areas of the hospital following suit in our aim to increase not only the Veterinary Hospital's range of services, but its outward appeal and attractiveness.

Dr. Masty Named Distinguished Teacher

John Swartz

Dr. Jerry Masty was one of 10 OSU faculty members awarded the university's top honors for teaching. The Alumni Award for Distinguished Teaching presented to Dr. Masty, an assistant professor of veterinary anatomy, consisted of a $3,000 cash award and $1,200 increase in salary. He was also inducted into Ohio State's Academy of Teaching which provides leadership for the improvement of teaching at the university. The Distinguished Teachers are nominated by present and former students and colleagues and chosen by a committee of alumni, students, and faculty.

A faculty member since 1984, Dr. Masty teaches the anatomy and neurosystems of cats, dogs, horses and food animals. He has produced many helpful study guides, including a color-coded guide to the nervous system and a self-tutorial on estimating horses' ages. He is active in pursuing innovative techniques which lessen the number of animals needed for dissection.

Departmental Teaching Excellence Award Presented to Veterinary Clinical Sciences

Dan Patton

OSU President Gordon Gee and Department Chair Robert Sherding at spring commencement

During each spring commencement ceremony, the new University Departmental Teaching Excellence Award will be presented to only two OSU departments which demonstrate outstanding achievement in teaching and learning. Given for the first time this year, the Department of Veterinary Clinical Sciences was one of the two departments honored with this distinction. Through this award, the University wishes to recognize the collective performance in teaching by all the faculty within a department. Winners receive a

$25,000 annual budget increase from the Office of Academic Affairs and a one time $1,500 from the Alumni Association.

Everyone in the department was overjoyed with the award and felt a strong sense of pride and accomplishment, says Department Chairman Robert Sherding. "We are particularly proud of this award because of our limited resources. We graduate more veterinary students with fewer faculty and less per capita budget support than any other veterinary college in the U.S. Our students are actively recruited all over the country because of their excellent training." In addition to department faculty, Dr. Sherding credits Veterinary Hospital staff and College alumni who actively support the department's teaching mission.

Pet Loss Hotline News

by Brenda Miller, VME III, Student Coordinator

Thanks to the dedication of the students and faculty of our steering committee, and the financial support of the College and the IAMS Company, the Pet Loss Support Hotline has been open for calls since January 22, 1996. We provide compassionate support for your clients whose pets have died, been placed in new homes, or run away, and clients who may be struggling with the euthanasia decision. Our group of Hotline staffers has grown to 18 students and faculty. Students earn one hour of elective credit for training and staffing the Hotline and attending rounds. We have trained over 30 people in three workshops. There is a workshop at the beginning of each quarter; call us in August for details on the Fall workshop.

The Hotline was launched at the Columbus Pet Expo and the Ohio Veterinary Medical Association Convention in February. We heard a lot of positive feedback at both functions, and received our first call immediately after Pet Expo. Freshman student Tonya Loreman handled the call. Her comments, "...One aspect of the situation really made an impression on me: the pet was being cared for by someone else in another state when it became so ill that euthanasia was necessary. Guilt for "leaving the pet behind," anger toward the caregiver, and frustration at not being directly involved in health care or euthanasia decisions" can complicate the grief process.

Our brochures are now available for anyone who would like them—contact the Hotline at 614/292-1823. "The Hotsheet" is our quarterly newsletter. It is distributed to the veterinary students, faculty, and staff, as well as callers, contributors, and anyone else who would like to be on our mailing list. We welcome contributions—short stories, articles, comments, or cases—from the veterinary and mental health communities, as well as the general public. The newsletter also serves as a tool to recognize our financial supporters and memorials. Correspondence can be sent to the OSU Pet Loss Support Hotline, 101 Sisson Hall, 1900 Coffey Road, Columbus, OH 43210.

News of our Hotline has been picked up by several state newspapers and radio stations, and was featured on the front page of the *Columbus Dispatch* Metro section. It was also broadcast on CNN Headline News.

One of our next steps is to contact local mental health services, humane societies, and veterinary organizations to find out what has been or could be done in their areas to provide a support group for grieving pet owners. If you know of any such service in your area, please call the Hotline. The more support services we know about, the better we can refer our callers. This summer, we plan to contact local veterinary medical organizations with information on starting local support groups.

In conclusion, the OSU's Hotline is participating in the development of a nationwide network of pet loss services. There will be a meeting at the AVMA Convention in July to help other veterinary schools start their own Hotlines. We will have an update on that project in the next issue of *The Speculum*. Until then, please call the Hotline if you have any questions or comments.

(Ed. Note: Following are excerpts from a letter sent to Dr. Diane McClure, faculty advisor, from Stephanie Smith, Director of the Montgomery County Animal Shelter)

"As director of the county operated animal shelter/animal control program in Montgomery County (Dayton), I applaud the efforts of your volunteers for the Pet Loss Support Hotline. . . .Perhaps even more than the private veterinarian practitioner, we interact daily with individuals who have lost, or must give up their pets, or must have their companions euthanized. We are all too well aware of the emotional landslide such experiences can initiate. Even if time was available to provide grief counseling at the time the citizen is in our building, the brochure is important. . . People place a high

value on such visible evidence of care and concern. Again, I am thankful for you providing me such a tool for these tragic type of circumstances....I would also like to take this opportunity to ask your volunteers to strongly stress to those callers whose pet has strayed to check with their local animal shelters. It has been our experience that many owners fail to look, call or visit their shelters; many love their pets so much they assume the pet stolen and do not look."

History of the Department of Veterinary Physiology and Pharmacology

by Thomas Powers, DVM
Chairperson/Professor Emeritus

I am requesting your help in accumulating data and information to develop a historical perspective of the OSU Department of Veterinary Physiology and Pharmacology. As you most likely know, under a major College reorganization plan, the department, as we knew it, no longer exists. On July 1, 1995, this department, along with the Department of Anatomy, was merged with the Department of Pathobiology into a single department now called Veterinary Biosciences. Dr. Charles Capen currently serves as chair of this new department.

I have discussed a proposal to prepare a history of the Department of Physiology and Pharmacology with several people, including Dr. Capen. He has graciously encouraged me to begin work and has assigned Mrs. Arlene Myers, a secretary in the original department and presently secretary in the newly merged department, to work with me in preparing and mailing letters to each of you to ask your assistance.

We are requesting that you prepare an inclusive, but not extensive, report of the Department and its activities as you viewed it while you were actively involved in it, as well as before and after that time. We would appreciate copies of any documents, pictures, or other memorabilia that you believe would be of value and interest in either becoming a part of the history book or a historical file which will also be maintained.

Please respond as soon as possible. You may send information to Mrs. Myers' attention, Rm. 309 Sisson Hall, 1900 Coffey Road, Columbus, OH 43210. If we can clarify any item, you can contact me at home (614/457-1954) or Mrs. Myers (614/292-1391). Thank you for your cooperation and assistance with this very important matter.

Food Animal Club Helps Jump Start Students' Education

by Alecia Larew, VME III

American agriculture is a diverse industry that serves as the backbone of our nation and its people. Less than two percent of the population is involved in producing the food for our country. This statistic explains why an increasing number of Americans are unfamiliar with the agriculture industry and the source of the products it provides to society. It is this epidemic of agricultural illiteracy which perpetuates the misinformation and distrust by some sectors of the public regarding agricultural practices and technologies. As fewer veterinary students come from an agricultural background, it is important that all veterinary students become aware of modern agricultural practices so they are better prepared to address the public's concerns. The Food Animal Club at OSU is focused on strengthening students' knowledge of agricultural practices and their appreciation of the veterinarian's role in animal production agriculture.

The primary focus of the Food Animal Club has been to provide opportunities for students to supplement their education at OSU in the classroom and the clinics. Bernie Heisner led students in a "Crash Course in Dairy Cattle Evaluation." The purpose of this workshop was to present the basics of dairy cattle evaluation while completing the Hoard's Dairyman Dairy Judging Contest. Skill levels of those in attendance ranged from novice to collegiate judging team members. More than 70 students gained an appreciation for the factors that are involved in the visual appraisal of dairy cattle. Another activity which proved to be quite educational was a tour of three Ohio farms: Paradise Valley, Inc., Shamrock Vale, and Stohl's Farm, Inc. Farm members discussed management practices, as well as the role of the veterinarian in the animal health program of each farm. More than 60 students and faculty attended this three-farm tour. Both activities were designed to provide students with exposure to common agricultural practices.

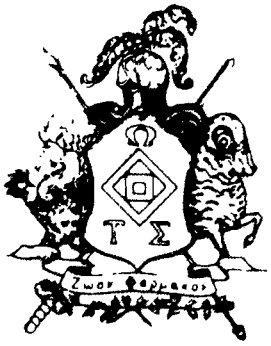
Weekly visits by Ohio practitioners have been an important component of the club's programs. Six

practitioners met with club members to discuss practice management. The discussion-oriented presentations enabled students to ask questions concerning employment opportunities, practice management, and philosophies of food animal practitioners. These meetings have enabled students to better determine their specific areas of interest and the type of practice in which they wish to be involved. The club, in conjunction with the American Association of Bovine Practitioners (AABP) is developing a list of practitioners interested in hosting students at their practices. These visits will allow students to further expand both their medical and agricultural knowledge.

In addition to weekly practice management discussions, the club also sponsored weekly case presentations. The topics alternated between a clinical case from the large animal wards presented by a faculty member, and a herd-based case led by an individual from OARDC. These cases allow students to integrate the knowledge they gain in the classroom with "real-life" situations.

Another goal of the club has been to strengthen communications within and outside of the College. One tool that has helped achieve this goal is the development of the Food Animal Club Homepage which can be accessed under OSU College of Veterinary Medicine Homepage or at http://www.vet.ohio-state.edu/fapc/index.html. The homepage allows students and other interested individuals to obtain current information about club activities. It includes links to other agriculture-related sites, a calendar of events, and cases from the large animal ward. The site is frequently updated during the school year with new cases and events. In addition to helping the Food Animal Club gain exposure, the homepage also has provided a resource for students to become more familiar with the Internet. The club has an e-mail account (fapc@osu.edu) in conjunction with the homepage to allow for feedback from viewers, or for other communications.

Knowledge gained by students from Food Animal Club activities will help prepare students to assist their clients, as well as to address concerns of the public regarding agricultural practices.



OTS News

by Aaron Tangeman, VME III, President

Greetings Oaties from the newly elected officers and recently initiated pledges. Many exciting things have happened since we reported in the last issue of *The Speculum*. Fall rush was very successful and culminated with the formal initiation of 31 very active new "Oaties."

Winter quarter was kicked off with the pledge-sponsored theme party, "Arabian Nights." The White Carnation and Formal Initiation was held at the Radisson Hotel where we also honored Dr. Steve Krakowka with the Gamma Award. Gamma Chapter also held its Alumni Open House and cocktail party during the OVMA Convention. Many alumni visited the house and mingled with active members. New officers selected at the end of winter quarter are: President Aaron Tangeman; Vice President Rob Fryer; Treasurer Cindy Hewahewa; and Secretary Patti Munizza.

The spring marathon began for the new officer team and several other members with a "Road Trip" to Alabama with Dr. Jack Gordon to initiate the Tuskegee Chapter, the newest to be added into the OTS fraternity. They were sponsored by the Auburn Chapter. We toured both veterinary colleges and learned of their curriculum differences. A "Freak Show" was the theme for the Spring Fling Party—it was amazing how so many could come as they were without having to dress up! Other events included the annual dog wash for the Capital Area Humane Society; the "Final Fling" which took the place of the Barn Party; a volleyball tournament and a slosh softball tournament which were open to all veterinary students.

Helping hands were plentiful on house clean-up day. Special thanks to all who donated their time to get the many house projects completed.

As always, we would like to see as many of our alumni as possible at any of our planned events. We enjoy having the opportunity to fill you in on the happenings in the house, and we appreciate any comments or suggestions you may have. Watch your *Golden Gamma* for further details.

Fall schedule of events:

- Sept. 24—Freshman Mixer (8:00 p.m.)
- Sept. 27—DJ Party (8:00 p.m.)
- Sept. 28—OTS Fall Dog Wash
- Oct. 18—OX Roast/Dog Patch Party/Board Meeting (6:00 p.m.)
- Oct. 25-27—Grand Council at Illinois
- Nov. 8—Big Sib/Little Sib Dinner/OTS Pledge Party (8:00 p.m.)

AVSAB News

by Ann Dapore, VME III

The OSU student chapter of the American Veterinary Society of Animal Behavior (AVSAB), in partnership with the student chapter of AAHA, enjoyed a very busy and productive year featuring nationally-known speakers. In addition, AVSAB members organized and participated in a series of activities designed to encourage student and community interest in, and knowledge about, animal behavior.

Dr. Donna Violet (OSU '81) from the Animal Hospital of New Albany discussed last fall how she incorporates behavior in her small animal practice. AVSAB joined SCAVMA in bringing Dr. Temple Granden to OSU. Dr. Granden, who recently published *Thinking in Pictures*, has made many contributions to the understanding of the behavior of large animals and from these observations has developed important advances in animal handling.

AVSAB, in conjunction with the Feline Club, brought Dr. Victoria Voith (OSU '68) to campus for two presentations to students and faculty. She spoke about the science of animal behavior and its place in the education of veterinarians; and she focused on typical feline behavior problems, how these might develop, and how they could be treated.

Following her speaking engagement at the OVMA Convention, Dr. Myrna Milani (OSU '72), author of several books including *The Invisible Leash, The Body Language and Emotion of Dogs*, and *The Body Language and Emotion of Cats*, spoke with students about how they could integrate behavior into their veterinary education. Dr. Milani emphasizes the roles of the human-animal bond and animal behavior in every client-veterinarian interaction.

Presentations were also made by Dale Riffle from PIGS of West Virginia on potbelly pig behavior, health, and husbandry; and Dr. Claudia Thompson on animal cognition. Mr. Riffle founded the PIGS sanctuary in 1992 and has become a nationally-recognized expert on potbelly pigs. Dr. Thompson is the chair of the psychology department at the College of Wooster. Her major area of interest is social recognition in non-human primates.

AVSAB members were generous in sharing their knowledge and experience with the rest of the club. Junior students Lisa Twark and Susette Aquino helped members and their pets with "Having More Fun with your Dog." Senior Kevin Ramey made a behavior case presentation. Junior Carolyn Wert discussed her internship experience at Texas A&M's marine mammal research program. Junior Ann Dapore introduced three basic operant conditioning procedures which could be applied to changing behavior.

AVSAB continues to organize regular "dog romps" for students and their pets as well as to assist in the socialization and training of pets for adoption at the Capital Area Humane Society. It also has created the following new education programs: Canine Good Citizen classes, Pre-Dog Ownership classes, "Help! I Have a Puppy!" workshop, and the OSU Puppy Preschool.

Our thanks to everyone who has been involved with the planning and production of these events, especially the 1995-96 officers: Lisa Twark, Susette Aquino, Carla Douple, and Brian Wennerstrom, and club advisor, Dr. Steve Thompson.

OSU Puppy Preschool Opens Its Door

In February, the AVSAB's OSU student chapter of Puppy Preschool graduated its first class of puppies. Previously, many people believed that puppies could not be formally trained until they reach six months of age. In truth, a puppy's early experiences can dramatically affect his or her adult behavior. A puppy needs to learn how to live as part of a human family, to accept human leadership, and to follow "house rules." In addition, puppies that have had positive experiences with a variety of people, objects, and situations become well-adjusted, confident dogs.

At OSU's Puppy Preschool, puppies are introduced to common household objects, grooming

procedures and equipment, and veterinary medical stimuli. Puppies are given the opportunity to interact with numerous people, other puppies and adult dogs. On the other end of the leash, their handlers are given guidance on typical puppy problems including housebreaking, play biting, and attention getting behaviors. Positive operant training techniques are demonstrated to shape basic obedience behaviors: sit, down, come, stay.

The goal of Puppy Preschool is to foster a positive relationship between puppies and their new families. We hope that clients take home with them the tools to better confront the challenges of living with a dog and, thereby, secure each puppy's future in its new home.

OSU Puppy Preschool and AVSAB are grateful for the support of READmor Bookstore. Donations to this program are welcomed and should be addressed to AVSAB, c/o Dr. Steve Thompson, OSU Veterinary Clinical Sciences, 601 Vernon Tharp Street, Columbus, OH 43210.

SCAVMA Honors and Awards Banquet

photos by John Swartz

The Student Chapter of the American Veterinary Medical Association held its annual banquet on March 15 at the Fawcett Center For Tomorrow to recognize outstanding student and faculty accomplishments in research, scholarship, and service to The Ohio State University.

The presentation of awards began with the induction of new Phi Zeta honorees. From the Class of 1996: Kendra Arn, Emily Beeler, Benjamin Byers II, Chieko Carey, Matthew Ehresman, Bradford Gividen, Cheryl Gunderson, Thomas Head, Robert Henderson, Megan Hronek Hoelter, Althea Jones, Kate Kozlowski Isler, Roberta Kilmon Lillich, Gwendolen Lorch, Paula Moeller, Jason Mott, Suzette Rancurello, Amy Smythe, Judith Larson Vinch. The Phi Zeta inductees from the Class of 1997 included: Susan Barrett, Laurie Blanco, Vicky Collen, Gina Donzella, Jason Griffith, Mary Beth Holloway, Raina Holm, Carol Hurn, Stephanie Jahnke, Matthew Krecic, Jody Benjamin Seward, Lesley Shaffer.

The presentation of student awards were as follows:
Freshman Anatomy Award—Joshua Miller
Junior Service Award—Joy Lee & Matthew Verbsky
Anesthesiology—Jason Mott
Equine Medicine & Surgery—Kate Kozlowski Isler & John Groah
Food Animal Medicine & Surgery—Benjamin Byers
Marysville Ambulatory—Matt Taylor
Ophthalmology—Margaret Cawrse
Preventive Medicine—Denise Baltic
Public Health—Michael Kelleher
Radiology—Kristina Wilson
Raptor Rehabilitation—Elizabeth Buckles & Ariana Finklestein
Scholarship—Amy Mackay
Small Animal Outpatients—Angela Sherman & Kristina Wilson
Small Animal Medicine—Melissa Beall
Small Animal ICU-Emergency—R. Kane Henderson
Small Animal Surgery—Matthew Palmisano
Theriogenology—Melissa Beall
AVMA Senior Service—Bradford Gividen

The following awards were also extended for outstanding work by faculty, graduate students, and residents:
Phi Zeta Student Research—Dr. Joanne Hardy
SCAVMA Outstanding Resident/GTA—Dr. Elizabeth Santos
MSD Agvet Award for Creativity—Dr. Dennis Chew, Veterinary Clinical Sciences; this award is designed to reward and promote innovative approaches by the faculty toward veterinary medical education
Pfizer Animal Health Research Award—Dr. Michael Oglesbee; this award is given to the faculty member who fosters innovative research on which the scientific advancement of the profession depends.
Pfizer Animal Health Student Research Award—Drs. Joanne Hardy, Bill Cheng, Roy Barnewall; this award is presented to graduate students who submit the best presentation/poster at Phi Zeta Research Day.

Norden Distinguished Teacher Award—Dr. Steven Weisbrode, Veterinary Biosciences; this award comes from student nominations to provide recognition to an outstanding teacher who, through his/her ability, dedication, character, and leadership, contributes significantly to the advancement of the profession.
Dean's Teaching Excellence Award for Graduate Education—Dr. Rupert Herd, Veterinary Preventive Medicine; this award is given to a faculty member, nominated by graduate students in the College, recognizing superior and sustained excellence in educating and mentoring graduate students and serving students as an outstanding role model.

Recognition is in order for the 1995-96 SCAVMA Officers:
President: Ben Byers
President-Elect: Joy Lee
Vice President: Melissa Beall
Secretary: Doris Lawrence
Treasurer: Shannon Loomis
Faculty Advisor: Dr. Alan Ruggles

A special thank you to **Pharmacia & Upjohn** and **Waltham U.S.A.**, whose contributions each year help make the banquet a great success.

Dr. Maureen Hunter presented the AVMA Senior Service Award to Brad Gividen.

The Junior Service Award was presented to Joy Lee by Dr. Maureen Hunter.

Jason Mott received the Anesthesiology Award from Dr. John Hubbell.

The Freshman Anatomy Award was presented to Joshua Miller by Dr. Steve Weisbrode.

The Equine Medicine & Surgery Award was presented to John Groah and Kate Kozlowski by Dr. Al Ruggles.

Dr. Bruce Hull presented the Food Animal Medicine & Surgery Award to Benjamin Byers.

Matt Taylor received the Marysville Ambulatory Award from Dr. Bimbo Welker.

The Ophthalmology Award was presented to Margaret Cawrse by Dr. David Wilkie.

Denise Baltic received the Preventive Medicine Award from Dr. Kent Hoblet.

Michael Kelleher received the Public Health Award from Dr. Jack Gordon.

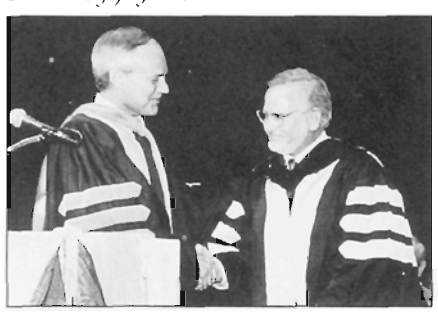
Kristina Wilson received the Radiology Award from Dr. Renée Léveillé.

Ariana Finklestein received the Raptor Rehabilitation Award from Dr. Nancy Anderson.

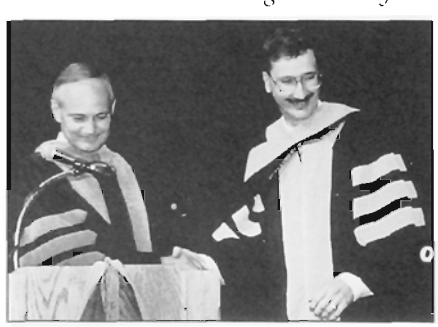
Melissa Beall received the Small Animal Medicine Award from Dr. Stephen DiBartola.

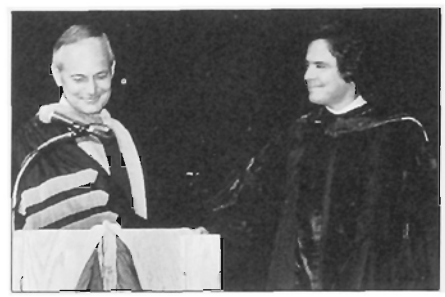
Dr. Nancy Anderson (center) presented the Small Animal Outpatients Award to Kristina Wilson and Angela Sherman.

The SCAVMA Outstanding Resident Award was presented to Dr. Elizabeth Santos by Joy Lee.



The Norden Distinguished Teacher Award was presented to Dr. Steven Weisbrode (above), and the MSD Agvet Award for Creativity to Dr. Dennis Chew, by Dean Glen Hoffsis (photos taken at Oath & Hooding Ceremony.)





Dean Glen Hoffsis presented the Pfizer Animal Health Research Award to Dr. Michael Oglesbee (photo taken at Oath & Hooding Ceremony).

Dr. Rupert Herd, pictured above with his wife, received the Dean's Teaching Excellence Award for Graduate Education.

OSU Student Chapter of the Society for Theriogenology

The OSU College of Veterinary Medicine is proud to have the only active local chapter of the Society for Theriogenology composed of students from all four classes. Under the direction of Dr. Walter Threlfall, the 115-member club organizes a variety of wet labs, lectures, and case discussions throughout the school year. The club is also responsible for organizing a dystocia team who assist during emergency hours. As a result, the club provides students

with both the opportunity for applied learning as well as exposure to clinical cases prior to their clinical year.

Melissa Beall received the Theriogenology Scholarship from Dr. Walter Threlfall.

The Student Chapter of the Society for Theriogenology recently awarded its second annual Theriogenology Scholarship to senior student Melissa Beall. The $250 scholarship has been established in order to recognize a fourth-year veterinary medical student who is an active member of the student chapter as well as a member of the national society. In addition, the student based selection committee attempts to identify a student who possesses a special interest in theriogenology as demonstrated by elective courses and/or research experience in the field of theriogenology.

Dr. Beall made substantial contributions to the student chapter as case discussion coordinator and president. She also assisted with research projects. Since graduation, she is pursuing a small animal medicine and surgery internship at the Redbank Veterinary Hospital in New Jersey. She plans to complete a PhD degree in neuroendocrinology.

1996 Oath and Hooding Ceremony

Six Alumni Receive Distinguished Alumnus Award

Being admitted to the profession of veterinary medicine, I solemnly swear to use my scientific knowledge and skills for the benefit of society through the protection of animal health, the relief of animal suffering, the conservation of livestock resources, the promotion of public health, and the advancement of medical knowledge.

I will practice my profession conscientiously, with dignity, and in keeping with the principles of veterinary medical ethics.

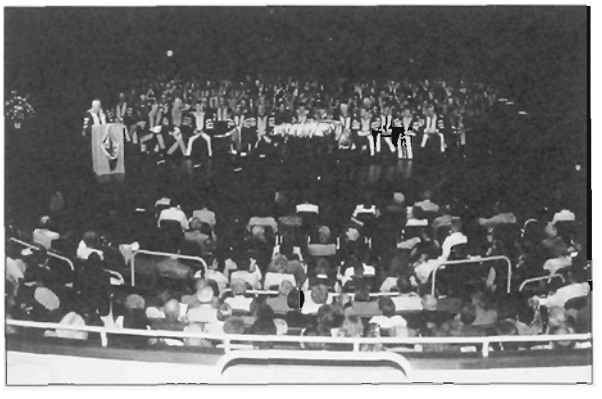
I accept as a lifelong obligation the continued improvement of my professional knowledge and competence.

Veterinarian's Oath (adopted by AVMA House of Delegates, July 1969)

photos by John Jewett

On June 6, the graduating class of 1996 repeated the "Veterinarian's Oath" as they received the hood of their chosen profession on the eve of graduation. Hundreds of family members and friends crowded the Capitol Theatre in downtown Columbus for the ceremony, followed by a reception, to witness this exciting and long-awaited event.

Congratulations to each and every one in the Class of 1996 as you join the ranks of our distinguished alumni.

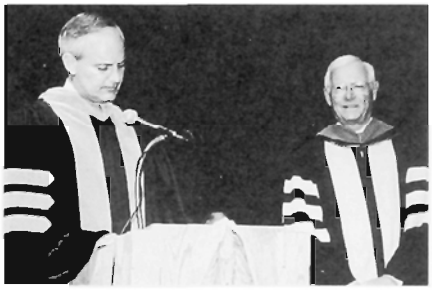


Assistant Dean of Student Affairs William Fenner congratulates Margaret Caverse .

Alumni Society President Roy Zinn presents a College lapel pin to the graduates following their hooding.

OSU President Gordon Gee attended a reception following the Oath and Hooding Ceremony. Above, he visits with graduate Kristine Blankenship.

The following six alumni also were honored at this time and presented with the College's Distinguished Alumnus Award:



Dr. Lawrence M. Borst of Indianapolis, Indiana, received his DVM from the OSU College of Veterinary Medicine in 1950. He has been in private practice in Indianapolis since 1952 and has served as a senator from the State of Indiana since 1968. Dr. Borst has held various offices in national, state, and local veterinary associations including Judicial Council Member of the AVMA for 10 years. He was named "Veterinarian of the Year" in 1988 by the Indiana VMA.

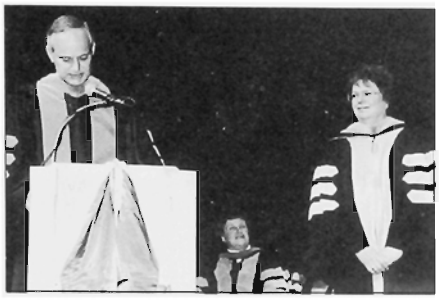
As Senator, Dr. Borst serves as Chairman of the Senate Finance and Taxation Subcommittees. He is involved with many civic activities and has received numerous civic awards including the following: he was elected to the Board of Directors of the First of America Bank; he was named Outstanding Republican Legislator of the Year; and received the Indianapolis Jaycees Good Government Award.

Dr. G. Gilbert Cloyd of Cincinnati, Ohio, received his DVM degree, summa cum laude and with the highest grade point hour in his class, from the OSU College of Veterinary Medicine in 1969. Following graduation, Dr. Cloyd was a small animal practitioner for several years then joined the Proctor & Gamble Company as a staff scientist in 1974. He rose through the organization and in 1983 became Director of the Human and Environmental Safety Division. Currently, Dr. Cloyd is Vice President-Pharmaceuticals with responsibility for P&G's worldwide prescription pharmaceutical business. He is also Vice President-Research and Development, Rx Health Care Products.

Dr. Cloyd's chief focus is the direction of his company's resources into development of products and services for the betterment of human health. He directed efforts into the development of triple therapy as a treatment for bacterial gastritis. He has led in establishing the untold benefits of biophosphonates as a non-hormonal means of therapy for osteoporosis.

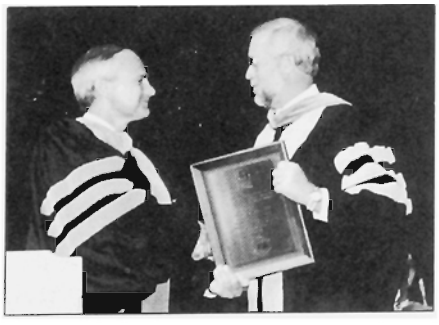
Dr. P. Ray Glick of St. Joseph, Missouri, is a 1964 graduate of the OSU College of Veterinary Medicine. He entered private practice then completed a residency in laboratory animal medicine. In 1968, Dr. Glick joined the 3M Company as a senior staff veterinarian. He was employed by Pitman-Moore Limited in Toronto for 10 years and rose to the position of General Manager. Dr. Glick then joined Boehringer Ingelheim Animal Health where he eventually became vice president of business planning and development.

Currently, Dr. Glick is the General Manager and Group Publisher of Veterinary Medicine Publishing Company, which produces *Veterinary Economics*, *Veterinary Medicine*, and *FrontLine* magazines. He is a nationally recognized consultant on veterinary practice management. In addition, Dr. Glick is the Director of the Central Veterinary Conference, one of the top veterinary conferences held in the United States.



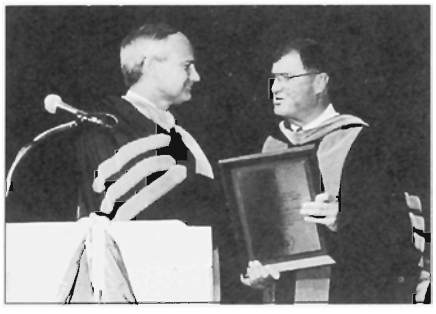
Dr. Sharron L. Martin of Westerville, Ohio, is a 1959 graduate of the OSU College of Veterinary Medicine. She received an M.S. degree in 1962. She joined the College faculty in 1959 first as an instructor, then named assistant professor, associate professor, and professor of veterinary clinical sciences. She achieved national and international recognition in the area of veterinary dermatology. In addition, Dr. Martin served as director of the very successful Raptor Rehabilitation Program from its beginning in 1983 until 1995, when she retired as a faculty member.

Dr. Martin was active in numerous veterinary organizations including Phi Zeta (of which she is a past president), Phi Kappa Phi, and served on many departmental, college, and university committees. She also served as president of the American Academy of Veterinary Dermatology.



Dr. Richard W. Meiring of Fort Recovery, Ohio, graduated from the OSU College of Veterinary Medicine in 1972. He has been co-owner and practicing veterinarian of the Fort Recovery Veterinary Center since 1973. Dr. Meiring is active in the profession and is chair of the OVMA's Committee on Pharmaceuticals and Biologicals and a member of several other OVMA and AABP committees. In 1991 the College appointed him an adjunct faculty member in the Department of Veterinary Preventive Medicine. He is an excellent role model for the veterinary students. Without exception, the students rate his teaching and the practical experience they receive with him as exceptional.

Dr. Meiring also contributes to the College in other forms of service and in assisting faculty with their research. His major professional interests include providing production medicine programs to dairy clients and providing gross pathology and laboratory diagnostic service and production advice to commercial poultry farms.



Dr. Ronald A. Wright of Upper Arlington, Ohio, received his DVM degree in 1961 and MS degree in 1964 from the OSU College of Veterinary Medicine. From 1964 until 1966, Dr. Wright was assistant director of the OSU Environmental Physiology Laboratory involved with projects funded by the National Aeronautic and Space Administration. From 1966 to 1970, Dr. Wright was senior research scientist and Associate Division Chief in the Environmental Mechanics Division of the Battelle Memorial Institute. He returned to OSU in 1970 as assistant professor and in 1972 became director of the Program Development Division of the OSU Research Foundation. Dr. Wright was appointed professor of veterinary clinical sciences and associate dean of the College of Veterinary Medicine in 1978, and was named Dean in 1980.

During his tenure of 13 years as Dean, Dr. Wright strengthened the ties of the College to its alumni, oversaw two revisions of the professional curriculum including an alternative animal use curriculum, secured funding for and built the 1987 addition to Sisson Hall, and pursued the concept for the new Galbreath Equine Center, currently under construction. Dr. Wright managed well through a number of budget reductions while keeping the College ranking among the top in the United States. He is also very active in organized veterinary medicine, and recently served as OVMA President.

Class of 1996

The Ohio State University College of Veterinary Medicine salutes the 131 graduates of the Class of 1996. We hope you carry with you fond memories of OSU as you enter the ranks of more than 6,000 men and women who have graduated from this College. Congratulations graduates—we wish you successful and fulfilling careers as Doctors of Veterinary Medicine!

Terri L. Allen
Terry S. Alloway
Maria E. Alvey
Denise M. Amann
Michael J. Anacker
Kendra A. Arn
Kathleen M. Backus
Timothy J. Baker
Denise L. Baltic
Melinda S. Bardall-Roberts
Patricia L. Barrett
Corinna O. Barry
Alexandra Bartnikowski
Melissa J. Beall
Emily S. Beeler
JoAnne E. Blaha
Kristine M. Blankenship
Paul M. Borger
Vicki L. Boyer
Elizabeth D. Brucchieri
Katherine M. Bryant
Elizabeth L. Buckles
Heather A. Burkhardt
Steven K. Burns
Benjamin F. Byers II
Margaret A. Cawrse
Janine M. Cianciolo
Mariangeli Cintron
Kristy S. Clay
Nora C. Collins
Elizabeth L. Congdon
Michelle Cook-Byers
Teresa A. Costa-Carr
Jennifer L. Cowdrey
Susan R. Crow
Kimberly A. Davey
Loretta M. Delac
Jean M. DeLong
C. Shane Donley
Vanessa M. Douglas
Matthew J. Ehresman
James E. Eimermacher
Nancy L. Elish
Leslie R. Elliott
Ariana D. Finkelstein
Tanya M. Franklin
Bethaney A. Fryer
Thomas B. Garey
Julie A. Geiger
Bradford G. Gividen
Cheryl D. Greenisen
John J. Groah
Cheryl L. Gunderson
Peter H. Haase
Dawn M. Hanusz
Robert L. Havern
Thomas G. Head
Robert K. Henderson
Bryan K. Hobson
Megan H. Hoelter
Curt T. Honecker
Joy D. Hudson
Gary A. Hunt
Kate Kozlowski Isler
Sheri L. Jackson
Christiana Jedrick
Althea A. Jones
Kristine N. Kaeser-LaFever
Lisa J. Keaton
Michael D. Kelleher
Christie A. Kelley
Robert S. Kessler
Heather K. Kinney
Alissa K. Kulow
Christina M. LaCerda
Tiffany Y. Lane
Roberta Kilmon Lillich
Christine W. Livingston
Gwendolen Lorch
Andrew J. Luft
Amy D. MacKay
Robert M. Maruna
Timothy S. McDermott
Tiffany D. Mock
Paula S. Moeller
Brigid Lenahan Mott
Jason M. Mott
Beth F. Natale
Noreen E. Neary
Gregory J. Nelson
Andrea O'Connor
Corinna Ohrnberger
P. Page
Matthew P. Palmisano
Mark K. Pollman
Wendy K. Powell
Jamie J. Pursell
Kellyene F. Radford
Suzette E. Rancurello
Matthew H. Randolph
Darren M. Ruff
Jeanne M. Schmidlin
Karen J. Schmidt
Gwen M. Schneider
Amie S. Segner
Michele A. Seibold
Angela D. Sherman
Kim H. Smith
Amy H. Smythe
Wendy E. Sokol
Chieko Sowley
Cammie E. Sperling
Elizabeth S. Stiefvater
Sarah H. Tannehill
Matthew T. Taylor
Kecia M. Terman
Jill J. Thompson
Rodney W. Tienarend
Kristen K. Triplett
George H. Uhrman Jr.
Jose A. Venereo
Judith L. Vinch
Ellen S. Warm
Deborah S. Welsh
Page Whitty
Dennis H. Wilcox
Kristina M. Wilson
Irene Woodward
Barbara A. Wyss
Troy A. Young
Chellene M. L. Zahurak
Elizabeth A. Zbiegien

Development News & Honor Roll

Development Corner

by Larry L. Rummell
Director of Development

Save the date!!

At 9 a.m. on September 21, 1996, we will dedicate the new Daniel M. Galbreath Equine Trauma, Intensive Care and Research Center. The ceremony will be held in the connecting hallway between the current Veterinary Hospital and the new Equine Center. Please plan to attend and bring as many guests as you wish.

The next issue of *The Speculum* will include pictures of the dedication, as well as details about rooms named within and artwork provided by alumnus John Garton.

Football Schedule/Kick Off Times!!

As we go to press, the following kick-off times have been confirmed by the OSU Athletic Ticket Office:

Sept. 7—Rice - 12:20 p.m.
Sept. 21—Pittsburgh - 12:30 p.m.
Sept. 28—at Notre Dame - 4:00 p.m.
Oct. 5—Penn State - ?
Oct. 12—Wisconsin - 3:30 p.m.
Oct. 19—at Purdue - 3:30 p.m.
Oct. 26—at Iowa - ?
Nov. 2—Minnesota - ?
Nov. 9—at Illinois - ?
Nov. 16—at Indiana - ?
Nov. 23—Michigan - 12:05 p.m.

Honor Roll of Donors--1995

This year's attempt at accuracy in compiling the list of donors to the College for last year has been about as exhaustive as possible. However, if you find your name missing from your class or as a non-alumni donor, please let me know (614-292-1171). I will rectify the mistake in the next issue of *The Speculum*. I rely on others for donor information and they rely on computers. Need I say more? Any error or omission is purely accidental.

All faculty, staff and students truly appreciate your continuing interest and support of the College.

1995 Honor Roll of Giving to the OSU College of Veterinary Medicine

Alumni Giving

*Denotes Presidents Club Members

1933
James W. Armstrong
1934
*Glen C. Brandon
1935
Danford L. Cox
Thomas P. Koudelka
Charles B. Linzinmeir
Ernest E. Saulmon
1936
Delbert H. Doudna
Harry G. Geyer
Solomon S. Mirin
Carleton W. Schwiesow
1937
Edward T. Marsh
John W. Vandeven
1938
Willard J. Barga
J. Robert Curtis
*Milton W. Firestone
1939
Oliver P. Heller
Sigmund T. Rich
1940
Donald E. De Tray
*Robert L. Evans
Frank G. Hamilton
Charles W. Higley
Vernon L. Tharp
1941
Paul D. Beamer
Norman R. Berthold
Jack R. Dinsmore
Chester A. Gleiser
Julia G. Jefferis
Lowell M. Jones
Ben Klein
*Thomas J. Selby
John R. Simione
1942
Louis Carlin
Donald E. Cooperrider
*Verle G. Crago
Priscilla S. Davis
Alan H. Dimick
William E. Lamkin
Paul H. Pugh
1943
Robert M. Bailey

George F. Dixon
*Ralph W. Evans
Harold W. Faulkner
*Samuel Hodesson
Harold D. Jacobs, Jr.
*Archie C. Priestley
Edwin R. Rodabaugh

1944

Ralph E. Allison
Robert J. Edwards
Donald E. Guy
*Thomas W. Liggett
James L. McClung
Frederic A. Nichols
Harry E. Riggs
John O. Wilson

1945

Harold E. Amstutz
James B. Ashcraft
Howard T. Deacon
*Parke B. Johnston
Charles L. Lindborg
Donald E. Rose
Harry L. Sowers

1946

Wilbur H. Crago
James E. Fox
Robert B. Greiner
Charles W. Hersey
Martin P. Hines
Edward F. Laman
Robert R. Sigler

1947

Warren E. Amling
Walter W. Brown
Joseph H. Gainer

1948

William J. Hadlow
Donald W. Hey
Richard R. Mason

1949

Dale D. Keyser
*Basil D. Ward

1950

Gordon A. MacInnis
Horace W. Mackey
Lewis M. Motycka
Donald A. Price
Dale E. Schneider
*J. Bruce Wenger

1951

Charles E. Eastin
*Dale A. Graber
Kermit R. Heidt
Otho J. Miller
Otto Moyer
*John C. Wise

1952

Nevin E. Berglund
Carl J. Fosnaugh
*Ladd L. Heldenbrand
Edwin J. Kersting
William M. Miller
Vaughn W. Morrison
Philip W. Murdick
James H. Rosenberger
Forrest H. Schar
Henry A. Stevens
Joseph N. Theyerl

1953

Don K. Adams
John L. Anderson
Fred E. Banks
*Robert W. Copelan, Jr.
Robert L. Craig
Walter R. Hendricks
Irwin M. Lanning
*Hermann Meyer
*Thomas E. Powers
James J. Spurgeon
John R. Toth
Richard D. Weidner

1954

Dean S. Baker
*Harry F. Bartels
Alfred M. Bettman
*Jerome F. Fix
Albert A. Gabel
*Thomas W. Gigliotti, Jr.
Robert A. Hakola
Harvey G. Hollis
*Earl E. Lindsay
Jack A. McGuire
John Nehay
William J. Roenigk
Fredrick P. Sattler
Royce W. Smith
Don A. Weibel

1955

Charles D. Ackley
*Robert E. Cope
Arthur Freeman
*Earl A. Grimm
Ralph J. Haehn
Max C. Joseph
Frederick G. Leininger
Donald G. Miller
John C. Ramge
Jerome A. Theobald

1956

William E. Bates
*Ernest G. Boone
Deshler B. Cameron
David P. Cooley
*William E. Davis
Clarence Dinnen
George W. Hansel
*Richard W. Johnson
*Keith L. Kraner
Walter F. Loeb
Leland C. Lynch, Jr.
Bruce D. Miller
William F. Nape
Richard N. Schmidt
William O. Smith
Dustin Stinson
*Wilfred C. Wood
Roger A. Yeary

1957

George R. Blind
Don C. Gibson
Walter B. Homan
Gordon F. Johnson
Ralph G. Perkins
Herman J. Rehder, Jr.
Lowell E. Ripley
*Frederick J. Sharp
Larry K. Sunbury

1958

*Robert G. Armstrong
John F. Bowers
Ralph H. Burkholder
Arthur K. Endo
*Merrill B. Epperson
*Robert L. Hamlin
Howard A. Hartman, Jr.
Francis E. Joos
Rex A. Nash
*Donald O. Nofzinger
Justin J. Quecke
Samuel S. Richeson
John E. Stump
Thomas A. Wittich

1959

Thomas H. Barrett
Richard R. Bowen

David A. Breiding
Thomas M. Dillman
Richard A. Dircksen
Raymond L. Fish
Robert G. Geil
Ronald D. Grant
Roy K. Imhoff
Carl E. Kerekes
*Donald R. Knepper
Richard T. Kost
Robert F. Leeper
Richard Roberts
Gilberto Rosado-Carbo
John R. Ross
Donald S. Small
*Kenneth G. Watkins

1960

*C. Richard Beckett
Ronald G. De Rhodes
Robert E. Ewing
Lawrence J. Gfell
Gary W. Johnson
Richard F. Kracer
Russell W. Laslocky
Richard F. Murphy
Ronald J. Prucha
Robert N. Richmond
Presley W. Winner
*Thomas D. Young

1961

Kenneth C. Bovee
John P. Buroker
Randall C. Cutlip
*Garrett S. Dill, Jr.
James R. Duncan
Philip N. Gustin
*Robert H. Hummel
Charles R. Maret
George B. Reddin, Jr.
George B. Wenning
*Ronald A. Wright

1962

Robert A. Buroker
Thomas J. Clarke
Rollo P. Greer
*Robert L. Hamlin
*Edward H. Holliger
Ray E. Jacobsen
William F. Leese
Donny L. Notter
Myrna L. Papurt
Richard D. Ramseyer
Jack K. Schaefer
James F. Taylor
Frank E. Woodson
Mark B. Woodward

1963

David L. Allen
Larry T. Grubbs
David B. Lippert
Roger K. McInturf
*George D. Norris
Robert H. Rainier
Thomas M. Schwartz
*Dale D. Walther
James J. Weickert
*Milton Wyman

1964

Charles A. Beutel
Darryl N. Biery
Dick L. Boyd
Linda W. Carpenter
*John E. Dearth
Robert L. Gay
John P. Gibson
Phillip R. Glick
Donald H. Hostetler
Russel J. Nyland
Larry N. Oldham
Albert F. Polk, Jr.
Estel E. Snyder
*Earl O. Strimple
John D. Toft II
*Wallace B. Wright

1965

*George W. Bishop
James O. Brick
Gerald B. Briggs
Starlin G. Brown
Rex D. Buller
Richard L. Jeffries
Dennis E. Lehman
Edward L. Lepley
Kerry N. MacGowan
Richard J. Marshall
Frank W. Perusek
*David C. Wallenhurst
Barbara L. Weigert
Herman P. Wolfe
David G. Zipf

1966

Fred F. Birk
Ronald M. Bright
Ronald C. Chatfield
Reuben D. Glauer
*Glen F. Hoffsis
Maureen S. Hunter
*Ronald L. McNutt
I. Lee McPhail
Maridelle H. Mehling
Mark E. Place
Jay K. Richardson
Eberhard Rosin
*Barbara S. Stein

1967

Paul E. Binnig
Garl L. Bowman
William E. Hendricks
Dean K. Kraus
Elmer C. Lowry
Charles T. McConnell
Michael W. Rohovsky
James N. Ross, Jr.
Yehia M. Saif
William R. Sayle
John A. Shadduck

1968

Allen R. Bryant
Douglas M. Coatney
Richard N. Flinn
Thomas W. Fox
John C. Gordon
Thomas E. Hickey
Grant K. Johnson
Richard D. Klingensmith
Larry K. Sautter
Harold E. Schraw
Robert E. Smatt
*Warren E. Snead
Rufus A. Sparks
Lester J. Starcher
*Dennis H. Swenson
James J. Syler
Charles H. Tracy
Daniel E. Ulmer
Ralph L. Urmson
Lauren G. Wolfe

1969

John A. Anderson
Sallie G. Anderson
*Herbert A. Betts
*Keith D. Burgett
Neal J. Caldwell
Joseph M. Cornwell
Robert O. Jacoby
Ronald M. Kondrich

Demetrice I. Lyles
Robert L. Nelson
William E. Ridder
Royall B. Smithey
Richard J. Smolen
Michael C. Snyder
Timothy W. Snyder
Roger D. Spiess

1970

Gray H. Cardy
Arthur W. Fetter
Daniel D. Frey
James J. Gostlin
Richard J. Haines, Jr.
Charles D. Henry
Thomas L. Isaac
Donald R. Rowles
John S. Scheiderer
*David E. Somerville
*John E. Stoughton
*Hal H. Taylor
*Leonard M. Tinney
*John T. Yarrington
Michael S. Youshak

1971

Richard N. Atkinson
Thomas C. Bird
Robert A. Burge
*Michael E. Dillon
*Merlin R. Funderburg
Casey D. Jones
Gary J. Kociba
*David C. Koncal
Richard A. Novak
Carol W. Oates
Roger O. Omwake
*William G. Paull, Jr.
*Lawrence D. Rowe
Frederick T. Rudy
*David D. Spindler
*Marvin D. Steed
*Terry N. Teeple

1972

Ronald C. Abrams
Robert C. Bowers, Jr.
Virgil J. Brown
Richard B. Ford
Daniel H. Fulk
Robert A. Hanson
Robert V. Hutchison
Wayne L. Klepinger
*Edward D. Lukuch
Donald N. McMartin
Robert D. McMillin
*Richard W. Meiring
Steven C. Miller
Steven P. Pakes
Kenneth C. Patrick
Neil I. Phillips
Charles P. Raflo
Howard G. Rush
Frederick E. Scott
Norman R. Slavik II

1973

Timothy R. Barman
John M. Barnes
Mark A. Basinger
Robert L. Baumann
*James W. Carmichael
Ned A. Cunningham
Sandra J. Davidson
*David J. Donofrio
Paul J. Haas
Kenneth S. Hay
Thomas D. Kohler
Jack P. Krebs
Michael T Lender
Merritt W. Marrs, Jr.
Anthony A. Matthews
*Lawrence S. Paris
Robert G. Sherding, Jr.
Robert P. Stewart
Robert C. Stout
James R. Vanzant, Sr.
*Robert G. Vanzant
William S. Webster
Shawn N. Webster
*Stephen D. Wenger

1974

Roger L. Banta
James A. Beamer
David C. Boyer
Robert C. Collett
G. Jay Crissman
*John E. Dowler
Vicky L. Fogelman
*David I. Frizzell
*James R. Galvin
*Robert P. Harper
*Tye J. Henschen
Paul L. Jones
Charles L. Kidder
Clayton C. Kowar
Gary R. Krone
Cynthia J. Kuder
Alan J. Lipowitz
Jerry W. Miller
Michael P. Myers
Charles R. Nelson
Dwight V. Skidmore
Gary R. Smith
Linda L. Werner

1975

Yvonne M. Bellay
Gerald W. Buckland
Joseph M. Cross
*Cathrine B. Darr
Stephen M. Forsythe
Robert L. Gochnauer
*Rebecca E. Gompf
Karen V. Karaffa
William W. Kaufman
*Harvey H. Leimbach
Robert A. Montgomery, Jr.
Paul Reifer
Keith R. Richeson
Roger P. Stradley
Anthony S. Turner
Daniel A. Wilson
David A. Wright
Gary A. Zipay

1976

Carl L. Alden
Donald E. Alford
Robert R. Bruner, Jr.
Thomas E. Crowl
Edward J. Cuccio
Joseph F. Doles
Neil E. Hanni
Paul M. Heimlich
Matthew F. Lewis
Ned S. Lodwick
Lynn M. Maurer
James K. Maurer
Daniel L. Oberschlake
Stephen M. Reed
Nancy J. Saxe
Tod E. Schneider
Edward B. Sims II
Ronald L. Stewart
Judith A. Szczurek
*John T. Yarrington
Dennis A. Zawie

1977

Barry M. Adler
Leonard Berk

David E. Brinkman
David G. Davidson
Anthony J. Evangelista
Jo A. Fassbender
Brian W. Forsgren
Cathy L. Graber
Douglas J. Hasbrouck
Kevin B. Jeffers
Marc S. Katz
Don M. Keister
Ronald Lyman
Lawrence E. Mezza
Richard G. Orozco
Thomas E. Ritchie
Boley J. Rog
Hardin E. Rubin
Mary B. Sakos
Joseph M. Scimeca, Jr.
Susan K. Sieben
Robert R. Steckel
Gary L. Topp
*Richard Z. Vesper
Lawrence A. Watts III

1978

Michael B. Ballinger
Barry C. Betts
Lawrence R. Bramlage
Peter R. Brody
Ronald C. Chatfield
Susan M. Dong
Ronald D. Elliott
Ronald S. Eydelloth
*R. Douglas Jerge
*Dana C. King
*Kenneth E. Kobalka
Christine K. Kofron
Don R. Mann
Michael E. Marmesh
Timothy M. Matlock
Martha V. Mooney
William J. Otto
Susan E. Pontius
Lawrence M. Richard
William M. Rosolowsky
George E. Sandusky, Jr.
Marc L. Schmidt
John F. Shontz
Thomas L. Smith
*Michael E. Turley
Lucinda M. Vogtsberger
Jay W. Zachman

1979

David W. Boudouris
Jill E. Bowman
Charles J. Brown
David L. Calland
Joseph A. D'Amico
Diane F. Gerken
Lynn C. Hissett
Carol A. Lichtensteiger
Jane M. Long
Robert E. Miller
Larry J. Pennington
James E. Sanders
Richard G. Seaman
Joanne M. Smith
Randall J. Stern
Lauriel F. Turner

1980

Mary S. Aller
Thomas J. Armitage
John C. Baker
Craig A. Clouse
Jeannette P. Gibbons
Lee A. Gibbons
Lorraine S. Harper
Evan B. Janovitz
Patricia S. Janovitz
Jacqueline J. Keenan
John W. Love
Catherine S. Lustgarten
Janet I. McKim
Paula D. Modransky
Jane A. Pekarek
Jan L. Rubenstein
Mary J. Schroth
Richard E. Wiley

1981

Lynn L. Arnold
Richard P. Asbury
Karen M. Asbury
Steven G. Beckett
Richard M. Bednarski
David R. Brinker
Ronald J. Busack
Anthony R. Dalessandro
Barry L. Dick
Caryn S. Eldridge
Alice H. Gora
John A. Hubbell
Kenneth W. Klouda
Paula A. Marrie
Kim J. Moore
Betty J. Moravick
Karen S. Regan
Gary L. Riggs
Jan E. Rottenberg
Douglas D. Sharpnack
Rhonda M. Stallings
Ted A. Stevens
Valerie A. Thorn-Baltes
Roger W. Valentine
Emily V. Walton
John L. Worman

1982

Neil B. Bonham
Randi D. Brannan
Jeffrey A. Buchs
Paul W. Buck
John R. Cummins
Leighann Daristotle
Thomas E. Dorr
David S. Eble
Kirk W. Forrest
Lisa M. Fulton
Charlsie W. Green
Eleanor C. Hawkins
Jeffrey R. Hayes
Melanie I. Hull
Judith S. Jackwood
Debra L. Jacobs
Pamela A. Jaffke
Mark D. Kittleson
Brenda I. Long
Barbara D. Lozier
Fred A. Mann
Christopher B. Meehl
Thomas J. Paisley
Jeffery A. Richman
Joseph M. Romano
Joletta M. Sberna
Larry A. Sleznikow
Carolyn P. Standen
Josie C. Whitehead
Douglas E. Wiley
*Jeffrey L. Williams

1983

Nancy E. Ball
Samuel J. Banks
Robert R. Basinger
Joseph C. Boneau II
Mary F. Brune
Richard L. Byers
Thomas M. Coyle
Rick L. Daugherty

Robert B. Duncan, Jr.
Bradford L. Garrison
Rebecca E. Hodge
Roger C. Inman
*Janet K. Johnston
Martha S. Karcher
Anne L. Kincaid
Alan R. Knowles
Philip A. Lowe
Robert E. Porter, Jr.
Patricia L. Rose
Mary K. Schwab
Gareth H. Spurlock
Darrell L. Tuomari
Kristine E. Willaman
Debra H. Williams
Warren L. Wilson

1984

Barbara S. Akl
Daniel P. Berbert
Marian M. Burns
Perry S. Crowl
Claudia L. Danforth
John W. Daugherty
William M. Fraser
*Kent H. Hoblet
Mary S. Hoffheimer
Lynn R. Jackson
Terri A. Jones-Forte
Leo J. Kline III
Matthew W. Lovell
Bradley D. Luckenbill
Ross W. Miller
Jaqueline A. O'Keefe
Susan E. Orosz
Thomas S. Redding III
Jeffrey M. Shields
Nancy A. Smaltz
Roger F. Smith
Nancy J. Taylor
Douglas T. Wagner

1985

Paula I. Bashe
Joel B. Cornacoff
Colleen E. Currigan
Sandra O. Ferkol
*Steven A. Graber
Michelle Harcha
Kristin A. Harshman
Jeffrey D. Holter
Ninon Kafka
Andrew T. MacCabe
Gina E. Schroetter
Richard T. Slenn

1986

Lori B. Benson
Brian D. Cassell
Stephen R. Comer
Michael J. Downey
Candace K. Fisher
Paul E. Goulker
Michele K. Greco
Gretchen E. Ham
Cynthia Hotz-Pelini
Michael G. Killmer
Dawn M. Marick
Riccardo F. Mastrocola
David G. Monti
Cynthia M. Otto
Carol J. Rader
Kathleen J. Reinhart
Lynn T. Springer
Shauna L. Spurlock
Deborah D. Valente

1987

Beverly G. Anderholm
Michael R. Cooper
Sallee A. Digonno
Nancy Grzenda-Schuler
Tracy H. Leonard
Robert S. Mann
Martha L. Moon
Julie G. Nestor
Kenneth R. Pitzer
Carlton J. Schlatter
Joseph A. Smith
Patricia A. Socha
John J. Weale

1988

Frederic B. Bennett
Ann R. Bittaker
Dianna H. Bragg
Sherrilyn C. Brannon
Kevin K. Haussler
Eileen T. Kellner
Wayne A. Knapke
Terence A. Olive
Leslie A. Polasky
Claudia R. Sims
Michael L. Sparling
Susan O. Wagner
Robert J. Wendell
Juli M. Westfall

1989

Charles I. Bancroft
Cathy H. Bill
Ruthann F. Carr
Mary P. Cassell
Mark H. Claus
Robin G. Davis
Kimberly M. Gilfert
Diane K. Gross
Kathy L. Hamilton
Douglas R. Schmidt
Barbara S. Simpson
Katherine C. Smith
Kevin J. Soncrant

1990

Rebecca B. Burket
Stacy L. Hallabrin
John W. Knox
Cynthia K. Lightner
Kittsen D. McCumber
Mary C. Menard
Regina M. Michels
Beth B. Morrell
Jeffrey W. Santee
Steven B. Thompson
Jean M. Wardell
Beth F. Weisberger
Janice E. Williams

1991

Jonas V. Alsenas
Jennifer L. Antrim
Robyn T. Collins
Hugo E. Cordova
Barbara A. Corn
Jodie L. Coutts
William R. Crank
Tina G. Fisher
Anne B. Genders
Laurie I. Goodchild
Marcia L. Hall
Barbara A. Harrington
Rochen L. Heers
David R. Hermes
Sue B. Hermes
Cynthia P. Hoy
Amy L. Johnstone
John O. Jones
Perry F. Ragon
Suzanne W. Sweeney
Diane Trubov
April J. Uohara
Linda D. White

*Michael S. Williams
Michael A. Winfield
1992
Christopher P. Ciotta
Amy R. Fife
Colleen M. Fitzgibbon
Deborah E. Hollenbach
Karl E. Jandrey
Denise H. Kemper
Suzanne M. Martin
Scott A. Mugge
Cheryl S. Rausch
Karen L. Rogers
Joseph A. Urig
Dewayne D. Weaver
1993
Theresa A. Brim
Adrienne M. Cardella
Kathryn A. Deering
Daniel A. Dickerhoof
Marie C. Gill
Rebecca P. Johnson
Kathy L. Kero
Jill E. Lloyd
Elizabeth D. Logan
Michelle R. Mason
Jennifer F. McLaughlin
Michelle L. Miller
Vicki S. Salton-Monette
Paul D. Smith
Roberta K. Smith-Haught
Anna M. Van Heeckeren
Wendelin M. Wotowiec-Brickle
1994
Anastasia K. Anderson
Katherine A. Clair
Teresa A. Hoffman
Carol P. Jones
Katherine M. Kennard
Jeffery K. Patton
Denise A. Pleban
Theresa A. Staveski
Robert L. Wardle
Joan M. Wright
1995
Theresa L. Austin
Kathryn L. Clark
Christopher J. Cripps
Pamela J. Ditonto
Todd J. Kyle
Theresa M. Lindenberger
Margaret A. Minch
Wendy W. Sawdai
Carmela G. Spadafora
Cody W. Stoller

Most Donors in a Class Top 10

1. 1982 - 31
2. 1978 - 27
3. 1981 - 26
4. 1977 - 25
   1983 - 25
5. 1973 - 24
   1974 - 24
   1991 - 24
6. 1984 - 23
7. 1976 - 21
8. 1968 - 20
   1972 - 20
9. 1959 - 19
   1986 - 19
10. 1956 -18
    1964 - 18
    1971 - 18
    1975 - 18
    1980 - 18

Largest Percent of Participation in a Class Top 10

1. 1964 - 33.3%
2. 1959 - 32.2%
3. 1956 - 27.7%
4. 1941 - 27.3%
5. 1973 - 26.7%
6. 1968 - 25.6%
7. 1958 - 24.6%
8. 1953 - 23.5%
9. 1948 - 23.1%
   1971 - 23.1%
10. 1972 - 23.0%

Non-Alumni Giving

Financial support for the College comes from a number of non-alumni each year. Research, new programs and innovative treatment techniques would not be possible without the fiscal backing of those outside of our alumni ranks. (Presidents Club members are identified with an asterisk.)

*Abbott Labs
Abbott Labs Fund
*Richard E. Abbruzzese
Carl S. Akey Inc.
Alcon Surgical Inc.
LCDR Denese M. Alexander
Alexandria Pike Animal Hospital
All Creatures Pet Hospital
Michael H. Allen
Allentown Animal Clinic
Amber Lynn Kennels
American Livestock Insurance Co.
Amoco Foundation Inc.
Anderson Hills Animal Care Hosp.
Animal Care Unlimited
Animal Care Clinic
Animal Clinic of Cambridge
Animal Clinic of Lynnfield
Animal Health Care Center of Charlotte, PA
Animal Hospital Waynesboro
Animal Med. Ctr. Hilton Head Inc.
Animal Hosp. of Worthington Inc.
Applied Animal Behavior Consultants
Ashford Stud Stallion Account
Ashway Labradors
Astra Hassle AB
Audubon Animal Clinic Inc.
Auxiliary to the WVVMA
Banks & Beutel Veterinary Hospital
C. Glenn Berber Foundation
Foundation Trust
Bay Village Animal Clinic Inc.
Gail E. Becher
Beckley Veterinary Hospital Inc.
Bellefonte Animal Hospital
Belpre Animal Clinic
Frank L. Benham, Jr.

Benhil Kennels
*George P. Benua
*John W. Berry
Loren M. Berry Foundation
Best Friend Pet Tags
Best Friends Veterinary Hosp. Inc.
Beverly Pike Veterinary Clinic
*Bil-Jac Foods Inc.
Blue Cross Veterinary Hospital
*Boehringer Ingelheim Animal Health Inc.
Bonyu Pharmaceuticals Co. Ltd.
Boston Heights Veterinary Hospital
Boulevard Animal Hospital
Peter L. Bradley
Brandywine Hospital for Pets
Brendll Corporation
Brewster Animal Clinic
Bristol-Myers Squibb Foundation
Broadway Vet Hospital
Martha T. Buller
*John A. Burns
Burke & Company
*Gwendolyn W. Buschman
*William J. Buschman
The Butler Company
*Robert W. Butler
*Evelyn R. Cahill
Dr. Vernon L. Carter, Jr.
Cascade Vet Hospital
Cass Revocable Living Trust
Catoctin Kennel Club
*Cellular One
Centerville Animal Hospital
Chain O'Lakes Kennel Club
Champion Animal Hospital
Cindy Cheely
Chemical Banking Corporation
Chesapeake Farm
Chicago Cat Clinic PC
Ciba Agriculture Div. Geigy Corp.
Ciba-Geigy Corp. Relations Dept.
Cincinnati Kennel Club Inc.
Cincinnati Veterinary Medical Assn.
*H. W. Clatworthy
Clearfork Vet Hospital
*Coba/Select Sire Inc.
Colonial Animal Hospital Inc.
Colonial Animal Hospital
Columbus Serum Company
*Columbus Vet Emergency Svc. Inc.
Commonwealth Animal Hospital
*William E. Copeland
Cortaro Equine Hospital PC
Cortlandt Animal Hospital / Leonard Berk, DVM PC
Daniel T. Cotton, Jr.
Countryside Animal Clinic Inc.
Countryside Animal Hospital Inc.
Countryside Vet Clinic
County Animal Clinic
Dr. Bonita B. Covel
*Harry A. Crawford
Crestview Vet Clinic
Candis L. Criner
*Janet S. Crist
Crittercroft Pet Clinic
*Paul H. Curtiss
Diana C. D'Amico
*Mary P. Daniels
Daniels Pharmaceuticals Inc.
*Robert A. Daniels
Darashon Farms Inc.
David Bartlett Award Fund
*Jeanette A. Davis
*S. R. Davis
Dayton Foundation Depository
Dayton Vet Medical Association
Emilty B. Deacon
Delaware Equine Consultation & Services Inc.
Delaware Ohio Kennel Club
Delray Beach Vet Hospital Inc.
Desert Vista Animal Hospital
Janet M. Diesem
*Brian P. Donahue
*Roy L. Donnerberg
Dow Chemical Co. Foundation
*William S. Druen
Mitchell D. Dysart
Eastern States Veterinary Association Inc.
Ebert Animal Hospital
*J. R. Emens
Equine Medical & Surgery Inc
Ruth S. Ertel
F. Hoffman - La Roche AG
Fairfield Animal Hospital
Fairview Animal Hospital
Carolyn S. Fergus
Fishers Vet Associates PC
Fort Dodge Labs
Fort Lowell Animal Hospital
*Glen W. Fouss
Alice A. Fox
Foxfield Thoroughbred Farm
Franks Farm
Frederick J. Keller DVM Inc.
*Susan G. French
Gahanna Animal Hospital
Garrett County Orthopaedics
*Pamela P. Gartin
Genesee Bird & Pet Clinic
Marilyn Elizabeth George
Clifford C. Gierke
Jeanette D. Gladden
Glenway Animal Hospital
*Jean K. Goodman
*Dwain Gorby
*Kim K. Gorelick
Donald H. Grant II
*John F. Graver
*Dr. David H. Greegor
*Darold I. Greek
Groesbeck Animal Clinic
Clare A. Grossman
Jack F. Grove
*William L. Gunlock
Hamlin Living Trust
*Margaret E. Hammond
*Raymond D. Hammond
*Thomas W. Hannon
Harbor Town Animal Clinic Inc.
*Michael B. Harmon
Harrodsburg Animal Hospital
*Kenneth V. Harshman
Hartville Vet Clinic Inc.
*Phyllis A. Havener
*Lewis R. Heldt
Hermitage Farm
*Bruce E. Higham
Hill Farms
*Hills Pet Nutrition Inc.
Hilltop Animal Hospital
Hillview Vet Clinic Inc.
Hinesburg Vet Association Inc.
Hoechst Celanese Corporation
Hoechst-Roussel Agriculture-Vet Company
Hoffmann-La Roche Inc.
Robert L. Holder
Marcy & Richard Horvitz Philanthropic Fund
Howard City Animal Hospital
*Ralph W. Howard
*John D. Hubbell, DVM

Shelley C. Hubbell
*Dr. Susan L. Hubbell
*Robert H. Huffer
Humane Vet Services
*Betty H. Hunlock
*William J. Hunzicker
*Mary O. Hutchins
Hutchinson & Associates Inc.
David A. Hyre
*IAMS Company
Iditarod Trail Committee Inc.
Jacqueline R. Imhoff
Jackson River Vet Clinic
*Robert H. Jeffrey
The Jesse Caryl Philips Foundation
Jesse C. Curtis Jr. Trust
Walter V. Johanni
John Hogan Stables
*G. E. Johnson
Jack L. Johnson
Janet S. Johnson
Johnson & Johnson
*Kathryn H. Johnston
*Donald L. Kasdorf
*Lloyd D. Kendall
Kensington Vet Hospital
Gertrude M. Kepler
Kerpsack Vet Clinic
*Mary Jo S. Ketner
Kingsview Animal Hospital
*John G. Kramer
*William C. Kraner
*Ann W. La Fontaine
Lake-View Vet Hospital Inc.
Lakota Hills Animal Clinic
Landings Animal Hospital
Laneview Farms
Elizabeth W. Leach
Leesburg Veterinary Hospital Inc.
Nancy M. Leonard
Leo W. Dunlap Testimentary Trust
Dr. Robert S. Levering
*Nancy Lewis
Liberty Veterinary Hospital
*Larry L. Liebert
*Melinda J. Lindsay
Lloyd Labs
*Basil W. Long
Loveland Animal Hospital
Loveland Industries Inc.
Lovell Equine Clinic
LPAC Inc.
Lucky Pet
M. K. Wittenaurer, DVM Inc.
Belmont Veterinary Clinic
Magical Farms Inc.
Mallinckrodt Veterinary Inc.
*Thomas H. Mallory
Maple Lawn Vet Services PC
*John L. Marakas
Marco Veterinary Hospital
*Dr. Jack Marks
*Lawrence R. Marryott
Medina Kennel Club Inc.
Medina Vet Clinic
Merck & Company Inc.
The Merck Company Foundation
Mewborn - Burrough Vet Hosp. Ptn.
*John H. McConnell
*John G. McCoy
*Gordon E. McCutchan
*Margaret M. McLain
*Dr. Isadore Mendel
Miamitown Pet Hospital Inc.
Michael Pivar & Associates
Microcarb
Middlesburg Animal Hospital
*Miles Inc.
Barbara G. Miller
*James R. Miller
Millersburg Animal Clinic Inc.
*Charles D. Minor
Mission Medical Vet
Mobile Veterinary Clinic
Dr. Anthony C. Montagnese Jr.
Mooresville Veterinary Clinic
Morada Veterinary Clinic
*John T. Mount
*Ruth W. Mount
*Mary F. Moyer
Mt. Hermon Animal Clinic Inc.
William D. Munro
Betty V. Murdick
Murray Ridge Animal Clinic
*Makoto Muto
My-T-Fine Kennel
*National City Bank of Columbus
*Samuel Natoli
James A. Neikirk
New Pittsburg Vet Clinic
Marilyn H. Norris
North Arlington Clinic
North Canton Vet Clinic
North Coast Cat Fanciers
North Mecklenburg Animal Clinic
North Side Animal Clinic Inc.
Northeast Ohio Sheep Improvement Association
Shirley F. Nyland
Oak Creek Vet Hospital
Oates Veterinary Clinic
Obetz Animal Hospital
Ohio Horseman's Council Inc.
*Ohio Quarter Horse Assn. Inc.
Ohio State Persian Club
Ohio Valley Arabian Horse Association
Ohio Vet Educational Supply
Ohio Vet Medical Association Inc.
Ohio Vet Medical Alumni Society
*John O. Olson
Omega Tau Sigma Grand Council
*John J. O'Neill
Dr. Beryl M. Oser Jr.
Oxford Veterinary
P & G- Sharon Woods
Park Hatchery Inc.
Paulus Animal Hospital
Pepsico Foundation
Pet Hospital of Willoughby
*Dorthea F. Peterjohn
*Bruce A. Peterson
*Robert K. Peterson
Dr. Suzanne H. Peterson
Pfizer Inc. Animal Health
Pfizer Inc.
*Pharmacia Inc.
Philips Electronics North America Corporation
*Jane R. Phillips
Pickaway Cty. Lamb & Wool Com.
*Julie S. Plum
Poland Veterinary Centre
*Jack A. Poole
Prairie Vet Hospital
*William H.Price
*David Wheaton Priestley
Princess Anne Animal Hospital
*Procter & Gamble Fund
Procter & Gamble Pharma. Inc.
Public Works & Government Services of Canada
Purina Mills Inc.
Queen City Cat Club
Quioccasin Veterinary Inc.
Raleigh Company Animal Hospital

Ralston Purina Company
Kent M. Rambo
Alfredo S. Ramos
Raptor Rehabilitation
Red Maple Vet Clinic
*John W. Reese
Gregory J. Remy
Rita Remy
*Patricia J. Reynolds
*William J. Riat
Rhone-Poulenc Rorer Inc.
Ridge Animal Hospital
Ridgeville Animal Hospital Inc.
Dr. James W. Riggans Jr.
Riverside Animal Clinic
Roanoke Animal Hospital
Frances L. Robbins
Pamela A. Robinson
Rood and Riddle Equine Hospital
Dr. Norman R. Rose
*Ross Products Div. of Abbott Labs.
*Roxane Labs Inc.
Larry L. Rummell
Dr. Linda M. Saif
Saintly City Cat Fanciers
Jan L. Sally
*Karl I. Schaeffer
Schering-Plough Inc. Foundation
*Eric R. Schertel
*John J. Schiff Jr.
Cynthia K. Schneider
*John A. Schoedinger
*Dale A. Seiberling
Dr. Thomas B. Seitz
Select Sires
Diane Sellers
Seneca Airedales
Sensor Devices Inc.
*Frederick J. Sharp
*Russell C. Shaw
*Edward A. Sheppard
Robert L. Sicker
*Dr. Richard D. Slemons
*Smithkline Beecham Animal Health
*Herbert N. Snowden
Solvay Animal Health Inc.
South Mill Pet Care Inc.
Southern Ocean Animal Hospital
Spectrum Surgical Supplies
Elinor H. Spellerberg
Spicewood Springs Vet. Clinic
Spurlock Equine Assoc Inc.
Sterling Winthrop Inc.
*Barbara T. Stradley
Albert A. Strouss Philanthropic Fund/Columbus Jewish Federation
Sugarbush Kennel Club Inc.
Southwest Vet Dignstcs Inc.
Swine Management Consultants
Tanah Merah Racing Stable
The Cutting Edge
The Pampered Pooch
The Vet Clinic East
*William R. Thomas
Tijac Golden Retrievers
Patricia M. Tinney
Town & Country Vet Clinic
Tranquility Large Animal Veterinary Service
Tri City Animal Clinic Inc.
Tri-County Veterinary Service PA
Tri-County Animal Hospital
Tri-State Region USPC Inc.
*Barbara C. Trueman
Tsumura & Company
*Toni L. Turk
*Martha S. Turley
Tyler Animal Clinic
Union City Animal Hospital
University of Zurich /Department of Veterinary Surgery
*Louis J. Unverferth
Upjohn Company
Vanguard Biosciences Inc.
Elaine K. Venzke
Veterinary Housecalls for Cats
Veterinary Learning Systems
Village Vet Hospital
Village Veterinary Clinic
*Alicia Priestley Walker
*Waltham Centre for Pet Nutrition
*Darrell D. Walther
Dr. Jonathan L. Warner
Warner-Lambert Company
Wayne Hills Animal Hospital
Waynesille Veterinary
Raymond J. Wean Foundation
*Marilyn P. Wenrick
West Side Animal Hospital
Western Hills Veterinary Clinic
Western Reserve Kennel Club
Westview Animal Clinic
Westview Animal Hospital
Whetstone Animal Hospital
*Hugh D. White
Ann Whitlatch
*Janis E. Peters Whittaker
Willard Vet Clinic
Dr. Harry J. Williams Jr.
Widsor Animal Clinic
*Richard J. Witkind
Marjorie Y. Wittich
*Bradford B. Woelfel
*Gerald W. Woodard
*Bruce E. Woodworth
Catherine A. Wright
*Kathleen C. Wyatt
Elizabeth A. Wydallis
Carla R. Wysokinski
Xi Beta Alpha Chapter #X877
*LeoYassenoff Foundation
*Donald W. Zielke
3M Corporation (Minnesota Mining & Manufacturing Co.)

Faculty Appointments

Dr. Kathleen Boris-Lawrie Veterinary Biosciences

John Jewett

Dr. Kathleen Boris-Lawrie was appointed an assistant professor of veterinary biosciences in January 1996. She received her PhD degree in genetics from George Washington University Medical Center and the National Institutes of Health in 1991. She also completed post-doctoral studies involving molecular virology in retroviruses at the University of Wisconsin from 1992-95.

Prior to receiving her PhD degree, Dr. Boris-Lawrie was a microbiologist with Lederle Labs where she conducted research on macrolide antibiotics, and a research microbiologist with Abbott Labs where she addressed regulation of the *Streptomyces erythreus* erythromycin resistance gene.

While at OSU, Dr. Boris-Lawrie will focus on retroviruses as tools to study RNA metabolism, as vectors for gene therapy, and as models of disease pathogenesis and therapeutic viruses. She especially enjoys teaching students about the joys and challenges of research. Dr. Boris-Lawrie and her husband, a chemist at Nestles Inc., have a cat, Monster, who is happy living in Ohio.

Dr. Hillier Joins Dermatology Faculty

by Silene Moore, VME III

John Jewett

After a relatively long and in-depth search, the College appointed a second full-time clinical dermatologist, Andrew Hillier, BVSC, as an assistant professor of dermatology. He comes to OSU most recently from a successful private dermatology referral clinic in Perth, Australia, one of the first of its kind in that country.

After graduating from veterinary school in his homeland of South Africa, Dr. Hillier spent a required two years as an officer in the South African military. During that time, he primarily tended cattle in Southwest Africa during a period of local independence uprisings. Once he completed his tour in the military, Dr. Hillier safely returned to Capetown in 1984 and worked for the following two years as a general small animal practitioner.

In 1986, with the political unrest in South Africa escalating, Dr. Hillier and his wife decided to leave South Africa and emigrate to Australia. There he found a full-time position at a small animal practice in Perth.

In 1988, Dr. Hillier decided to become certified by the Australian College of Veterinary Sciences (ACVS) and completed the program in Canine Internal Medicine in 1989. In 1990, he attended a continuing education seminar on dermatology put on by a friend and her mentor, Dr. Gail Kunkle, from the University of Florida. It was here that he decided dermatology was his calling and he proceeded to further his education by obtaining a fellowship in dermatology through the ACVS. The program required practice under certified dermatologists, so Dr. Hillier called Dr. Kunkle to ask for the opportunity to work under her. The University of Florida was looking for a new resident in dermatology and they asked Dr. Hillier if he would be interested. He jumped at the opportunity, left his practice in Australia, and moved his family to Gainesville where he studied under Dr. Kunkle for the next two years (1992-1994). According to Dr. Hillier, the residency was "brilliant" and he loved his work.

At the end of his residency, Dr. Hillier and his family packed up once again and moved back to Perth where he took his dermatology boards. He then set up the first dermatology referral practice in Perth, the first referral practice of any specialty in that city. After two years, with few board certified colleagues in Australia to communicate and work with, Dr. Hillier decided that his challenges lay elsewhere and applied for the faculty position here at Ohio State.

In addition to seeing patients and teaching senior clinics, Dr. Hillier is preparing several research proposals. His current interests are in canine atopy and immunotherapy, and in researching T-cells and their "homing" mechanisms, specifically in the skin.

College Department Updates

Department of Veterinary Preventive Medicine

by Timothy A. Ness, VME II

The Ohio Agricultural Research & Development Center was the site for the first Ohio Ratite Health and Management Conference held on March 30, 1996. Dr. Teresa Morishita co-chaired the event with J. Dean Slates of Ohio State University Extension. The conference addressed subjects to help increase the ratite production goals for the state of Ohio. More than two hundred people attended the one-day seminar.

Beginning its second year of publication, *The Ohio Poultry Health Bulletin* is distributed to keep Ohio's poultry industry informed of the newest health issues and research results in poultry medicine and production. A joint effort between the Department of Veterinary Preventive Medicine and Ohio State University Extension, the newsletter informs approximately eight hundred individuals of developments affecting the poultry industry. Drs. Morishita and Y. Mo Saif, faculty from Columbus and Wooster, edit the biannual publication.

Dr. Kent Hoblet attended the 9th International Symposium on Disorders of the Ruminant Digit: The International Conference on Lameness in Cattle in Jerusalem, Israel. Drs. Hoblet and Richard Smilie, a recent food animal resident, attended the same conference two years ago in Banff, Alberta, Canada after completing a project involving the prevalence of subclinical laminitis in Ohio dairy cow herds. Current research efforts involve the use of biotin as a dietary supplement and its effects on subclinical laminitis. The biotin study is being conducted with Dr. Lowell Midla, a food animal resident.

The Association of Veterinary Preventive Medicine Graduate Students was organized in February 1996. The purpose of the organization is to act as a liaison between faculty and graduate students and to provide students with an information resource. Graduate students from the Wooster and Columbus campuses comprise the membership of the association.

Dr. Omar Barriga is director and professor of the International Course of Immunoparasitology to be held during the XII Latin American Congress of Parasitology in Santiago, Chile, October 24, 1996. As keynote speaker of the five-day conference, he also will discuss his views of the immune reactions involved in parasitic infections. Dr. Barriga and his team of investigators are involved in a new one-year Morris Animal Foundation-sponsored study investigating dogs' immune responses to tick bites in an effort to develop a vaccine against the brown dog tick (Rhipicephalus sanguines). This potential vaccine would kill the tick before it could transmit any diseases. The investigators are proposing to identify an antigen that prevents ticks from feeding and reproducing, thus possibly preventing the release of disease pathogens from the tick into the bloodstream of dogs.

Dr. Jackie Bird completed a three-month stint as visiting researcher at the Danish Centre for Experimental Parasitology in Copenhagen where she continued her research about the use of nematophagous fungi for the biological control of parasites in livestock.

Dr. Teresa Morishita is a member of two national committees: one is the Technical Committee of the National Poultry Improvement Plan, USDA-APHIS, Veterinary Services; the other is as a board-appointed member of the American Veterinary Medicine Association's Committee on Animal Welfare as a representative for poultry medicine.

The following faculty of the Food Animal Research Program received awards and participated in various meetings:

Dr. Linda Saif received the Distinguished Veterinary Immunologist Award from the American Association of Veterinary Immunologists at their annual meeting in Chicago in November. She also made a presentation at the Fifth Rotavirus Vaccine Workshop in October in Atlanta.

Drs. Ken Theil, Kyeong-Ok Chang, Fernando Fernandez, Dan Grooms, Wonyong Kim, Karol Sestak, and David Shoup presented papers/posters at the Conference of Research Workers in Animal Diseases meeting in November in Chicago.

Dr. Jaral Jackwood was an invited speaker at the 45th Annual New England Poultry Health Conference in New Hampshire in March and at the Animal Disease Research Workers in Southern States in March at Auburn University.

Dr. Y.M. Saif was invited to North Carolina State University to serve as a consultant regarding the research

needs of the Industry and University Task Force on Spiking Mortality of Turkeys. He also served on the USDA Small Business Grant Program Panel in Washington D.C. in January.

College Faculty Study Thailand's Dairy Industry

Pictured above are Drs. Doug Shaw, Kent Hoblet, K.L. Smith, and Bill Weiss

In December 1995, Dr. Kent Hoblet, professor and chair of the Department of Veterinary Preventive Medicine, and Dr. Doug Shaw, assistant professor and extension veterinarian, reproduction, accompanied Dr. Nongnuch Inpanbutr, associate professor of veterinary biosciences, on a study tour of the dairy industry in Thailand. Drs. K. L. Smith and Bill Weiss, faculty in the Departments of Veterinary Preventive Medicine and Animal Science, were also members of the study team. The trip was sponsored by the Thailand Research Fund for purposes of assessing the state of the Thai dairy industry and exploring possibilities of collaboration between OSU faculty and faculty from Thai universities.

The Thai government has identified dairying as an area of increased funding support. The population of Thailand is growing and milk consumption is increasing, although it still is only approximately 15 lbs. per capita (vs. 589 lbs. per capita in the U.S.). Even at this low level, as the Thai economy grows, the consumer demand for dairy products will grow. The projected deficit in 1995 was 250,000 tons of milk. In the U.S., the consumption per capita of dairy products has increased two to three percent per year for each of the last 20 years.

The Thai government is encouraging farmers to divert from the production of rice, rubber, cassava, and coffee (commodities which are in surplus) to dairying. The government will provide prospective dairy farmers with five pregnant heifers and a dairying training program. Herds in Thailand are small—most consist of five to ten cows. Lactating cows average about 20 lbs. per day. Feed quality is a problem. Reproduction also is a problem, as is the case in many tropical countries, and in many herds half the cows are dry. In addition to producing more milk, it appears that the government is promoting dairying for social reasons, i.e. to provide employment and keep people living in the rural areas.

The study team spent 10 days visiting farms, university researchers, extension, milk cooperatives, and other dairy industry personnel. Some farmers were quite progressive and were producing substantially more milk than average. The team observed there seemed to be a lack of relevance of much of the research conducted by the universities to their dairy industry. The extension system, unlike that in the U.S., is not conducted through the universities. This lack of integration appeared to greatly complicate transfer of information. Veterinary and AI services are not conducted privately. Thailand is a market economy and it appeared to the team that certain efficiencies could result from the privatization of such services.

There is a general lack of refrigeration for milk on farms in Thailand. Therefore, much of the milk is delivered by the farmer to the milk plant after each milking. Most herds are small (<10 cows) and production per cow is low. Producers delivering a single can are not uncommon.

This is a typical dairy facility. In some parts of the country, the cow housing is attached to the family's house.

Cow manure is a "cash crop." The above photo shows manure being dried. It will then be bagged and sold.

Faculty Grants

John C. Gordon, preventive medicine, "Fecal shedding of *Salmonella* spp, *Yersinia enterocolitica*, and *listeria monocytogenes* in Ohio grown/finisher swine," USDA, 1995, $9,620; "A cross sectional study of Lyme Disease in case-associated dogs to determine endemic areas in Ohio," College Veterinary Medicine Canine Funds, $11,965.

Kent Hoblet and Bill Weiss, preventive medicine, have received $41,450 from Hoffman-LaRoche for continuation of their studies on the effect of biotin on foot health in cattle.

Teresa Morishita, preventive medicine, "The use of avian specific probiotics to reduce the shedding of *Campylobacter Jejuni* in chickens," $17,700 from the USDA-APHIS Vet Services, Regional Pre-harvest Pathogen Reduction Program; "The effect of an avian specific probiotic on the reduction of*Salmonella* colonization and shedding rate in the chicken intestine," $17,000 from the USDA-APHIS Vet Service, Regional *Salmonella enteritis* program; "Prevalence of *Pasteurella multocida* in Ohio turkeys and the effect of Hypovitaminosis A or clinical pasteurellosis and oral carriage of *P.* multocida," OSU Seed Grant, $18,700.

Paul S. Morley, preventive medicine, "Evaluation of a 3-methylindole and vaccination as modulators of respiratory tract disease caused by Bovine Respiratory Syncytial Virus Infection in feedlot cattle," supported by OSU Seed Grant and OSU College of Veterinary Medicine, 1996-97, $20,000; "Examination of the synergistic effect of Bovine Respiratory Syncytial Virus and three-methylindole in causing respiratory disease in cattle," supported by Pfizer Animal health, 1996-97, $7,700; "Preliminary examination of the effect of exercise on the severity of respiratory disease caused by influenza virus infection in horses," supported by OSU Equine Research Fund grant, 1996-97, $37,225.

Michael Podell, clinical sciences, has received a five year $354,078 Research Scientist Development Award from the National Institutes of Health, National Institute of Mental Health, for his work on the project, "FIV-MD as a model of age-dependent neuro-AIDS."

Doug Shaw, preventive medicine, "Enhancement of bovine fertility using Vitamin A administered to dairy cattle prior to ovulation," OSU Seed Grant, $19,121.

Newsmakers

Alumni in the News. . .

Ames Presented SCAVMA Teacher Award

Dr. N. Kent Ames (DVM '74), professor of large animal clinical sciences at Michigan State University's College of Veterinary Medicine, received the College's SCAVMA Teacher Award from the students in the third-year class. The award recognized his superior ability to communicate with students and to present a teaching balance by integrating clinically relevant information.

Hartwig Named Interim Vice Provost for Iowa State Extension

Dr. Nolan Hartwig (MS '73) has been named interim vice provost for Iowa State Extension. He served as a faculty member and extension veterinarian at Ohio State from 1974 to 1983.

Hines Earns Recognition for Teaching Skills

Dr. Stephen A. Hines (DVM '81), of Moscow, Idaho, was selected to receive the Marian E. Smith Faculty Achievement Award for 1994-1995 by Washington State University (WSU), where he is an associate professor of veterinary microbiology and pathology. Hines' selection was based on his teaching and instructional innovation, creativity and performance during the 1994-1995 academic year. He has been ranked second nationally for teaching in the basic veterinary sciences by veterinary students in the United States and Canada. He also was the 1995 recipient of the Merck AgVet Award for Teaching Creativity.

In March 1995, Dr. Hines was selected the "Sophomore Teacher of the Year" by the veterinary class of 1996. He also was named 1995 Jerry Newbrey Teaching Scholar, given by the Washington State University College of Veterinary Medicine to the faculty member who teaches in the first three years of the veterinary curriculum and scores among the top 20 percentile in standardized student quantitative evaluations.

Dr. Hines has served as chair of the College's curriculum committee. He also has been effective in promoting an atmosphere of teaching excellence and assisting colleagues in developing innovative approaches to teaching. Dr. Hines joined the WSU faculty in 1989.

Hostetler Receives SCAVMA Resident Award

Dr. Douglas Hostetler (DVM '93), a large animal resident at Michigan State University's College of Veterinary Medicine, received the College's SCAVMA Resident Award. The award recognized his outstanding performance in the clinical training and teaching of veterinary students.

Northwest Animal Hospital Named Practice of Excellence

Dr. Tim Kolb (DVM '82), his associates Drs. Larry Hill, Nicole Hird, and Jennifer Jellison; and 11 staff, were recognized by *Veterinary Economics* as a "Practice of Excellence." This program, which promotes excellence by sharing the attributes of the award-winning veterinary hospitals, is co-sponsored by Pfizer Animal Health. Dr. Kolb purchased the Northwest Animal Hospital in Columbus five years ago. He insists on high quality medicine, good service, and personal touch with the clients. In addition, the practice is involved with several community programs.

Dr. Kolb uses the following five strategies at his practice: 1) Involve the entire staff in establishing the mission of the practice; 2) Give monetary rewards for excellent results; 3) Trust the "genius" of the staff; 4) Be committed to your staff as people; 5) Practice from a vision.

Mowery and Staff Named to Veterinary Honor Roll

Dr. Tom Mowery (DVM '76) and his staff at High Point Animal Hospital, Maumee, Ohio, have been inducted into Morris Animal Foundation's Veterinary Honor Roll. The Veterinary Honor Roll is supported by animal lovers who want to recognize the outstanding, professional care veterinarians have provided to pets and their families. A donation of $500 or more to Morris Animal Foundation is made in honor of their veterinarian.

Peace Receives Laboratory Animal Medicine Award

Dr. Tracy A. Peace (DVM '86) received the Henry and Lois Foster Award at the awards dinner of the American College of Laboratory Animal Medicine held April 22, 1996. The award was established to recognize academic excellence in laboratory animal medicine and is

given to the individual achieving the highest score on the written and practical portions of the certifying examination given by the American College of Laboratory Animal Medicine. Dr. Peace achieved the highest score on the 1995 examination. Dr. Peace is employed as Attending Clinical Veterinarian/ Research Scientist, Battelle Memorial Institute, Columbus, Ohio.

Yacapraro Recognized as a Citizen of the Year

Dr. Michael Yacapraro (DVM '66), of The Animal Clinic, Wooster, Ohio was recognized as a Citizen of the Year by the Wooster *Daily Record*. Dr. Gregory Cantrell (DVM '83), a partner in the practice, stated that Dr. Yacapraro personifies the caring nature of the veterinarian.

Faculty and Staff Achievements. . .

Bohl Named 1995 CRWAD Dedicatee

Dr. Edward H. Bohl (DVM '44, MS '48, PhD '52), professor emeritus of the Department of Veterinary Science at the Ohio Agricultural Research and Development Center (OARDC), was selected as the 1995 Conference of Research Workers in Animal Diseases (CRWAD) Dedicatee. Dr. Bohl initially conducted research and published significant articles on leptospirosis. Other research interests have included viral abortion in cattle, infectious bovine rhinotracheitis, anthrax, swine pox, listeriosis, nocardiosis, mycoplasmosis in turkeys and colibacillosis in pigs. He then began research with enteric viruses of swine and became a recognized world authority in that area.

Dr. Bohl demonstrated the value of gnotobiotic animals and encouraged their use for research with the detection, purification, pathogenesis and immunology of enteric viruses of swine. Committing himself to the development of improved and simplified diagnostic methods for enteric viral disease, Dr. Bohl was instrumental in the development of various methods which are currently in widespread use. A charter diplomate of the American College of Veterinary Microbiologists, Dr. Bohl is recognized world-wide for his knowledge of enteric viruses of swine.

Capen Receives Toxicology Forum Award

Dr. Charles Capen, Chairman of the Department of Veterinary Biosciences, is the 1996 recipient of the Toxicology Forum's George H. Scott Memorial Award. The award was presented at the Annual Summer Meeting of the Toxicology Forum held in Aspen, Colorado, July 8-12. The award honors those in the field of toxicology who have demonstrated an important role in developing and applying the science of toxicology.

Humans Stress Cats

Up to one third of all cases of cystitis in cats were linked to stress, Dr. Tony Buffington, associate professor of veterinary clinical sciences, told the British Small Animal Veterinary Association's Scientific Congress in Birmingham. Dr. Buffington told the 4,000 veterinarians and nurses attending the world's largest annual veterinary congress that more than 80 percent of the animals responded when treated with anti-depressants.

Known causes of cystitis, which causes crystals to form in the urine, include infection and diet, he said. In his colony of 20 cats, each one had, on average, four bouts of cystitis a year. Sixteen of the cats had no recurrences after treatment with anti-depressants. The tricyclic anti-depressants that affect different receptors in the nervous system are more effective than Prozac, he said. Dr. Buffington told the group that the causes of stress should be reduced by making sure there are good hiding places; keeping diet changes to a minimum; providing an acceptable place for your cat to scratch; and keeping regular schedules.

Alumni News

Letter From Your Alumni President

Dear Colleagues,

As I sit here on Caswell Beach on Oak Island in North Carolina, my mind wanders to pleasant thoughts of our Alumni Society. How tremendously important relationships with others are to we human beings! That is what we in our Alumni Society are about—nurturing ourselves and others in our profession through a group effort. That, in turn, promotes rewarding individual interactions between members of the group.

The quality of our daily lives is powerfully influenced by our professional endeavors. Too often we eat, breathe, and sleep veterinary medicine and it becomes the focus of our daily lives. Yet we yearn for much more than just the quality of our work. Interacting with other living things helps provide the necessary balance we strive for. One of those great opportunities for interaction lies in working with our colleagues in positive ventures. How fortunate we are at OSU to have the most vigorous Alumni Society of all the

John Jewett

veterinary colleges in North America. Let's all strive to make it even more effective by our interaction!

Sincerely,

Roy S. Zinn, DVM '68
1995-96 Alumni President

Alumni Society Board of Trustees Minutes

December 6, 1995 Meeting

The meeting was called to order at 2:00 p.m. in Sisson Hall by President Roy Zinn. Members present were Drs. K. Gilpin, E. Grimm, J. Herman, G. Holfinger, W. Iman, C. Kelley, E. Kellogg, C. Neer, A. Priestley, B. Reppart, D. Robinson, L. Tinney, R. Weidner, S. Wenger, R. Woodgeard, M. Wyman; guests present were Drs. V. Carter, W. Fenner, J. Gordon, D. McClure; Ms. B. Bates, J. Cobb; Mr. L. Rummell.

A correction was made in the September Minutes, Projects to Aid the College: "it was moved and seconded to fund one half of the cost of a new gas grill." The Minutes were approved as corrected. Dr. Wenger moved to accept the Treasurer's Report, seconded by Dr. Grimm and passed.

Committee Reports
Annual Conference: Dr. Neer reported that 1996 Annual Alumni Meeting is scheduled for September 20-21. The Ramada Inn will once

The Ohio State University Veterinary Medicine Alumni Society
1996 Membership Dues

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again be used and OSU is scheduled to play Pittsburgh. A pep band will be available, and specific dinner arrangements will be decided by the committee. Options for a Saturday morning program include a dedication and tour of the new Equine Center; Columbus Zoo emeritus director Jack Hanna; and another continuing education course. Another auction will be planned, possibly adding a silent auction if there are too many items.

Support of the Pet Loss Hotline: Dr. Diane McClure asked for alumni support of the new OSU Pet Loss Hotline which will begin operation on January 22. Start-up funding has been supplied by the Iams Company. After extensive training, students will take calls three times a week, and will share calls with other established hotlines on the remaining days of the week. Student Brenda Miller is organizing the effort.

Convention Alumni Receptions: Dr. Weidner reported that after next year the North American Veterinary Conference plans to discontinue individual receptions in favor of one large alumni reception. After discussion, it was recommended that Dr. Zinn send a letter objecting to the plan. A discussion on holding an alumni reception at the ACVIM meeting followed. Action was tabled. Dr. Reed reported that 150 enthusiastic alumni attended the AAEP meeting reception.

Dean's Report: Dean Hoffsis reported that there are now 93 College faculty, down from a high of 110. Several new faculty have been added, including the return of Dr. Wyman. The rebuilding of Sisson Hall is still a viable project. Dr. John Garton's wood carving, with modifications, has been approved to be used in the new Equine Center.

Constituent Program: Ms. Cobb reported that the next Alumni Leaders Conference will be in February.

Membership: Dr. Tinney reported a membership of 1494, up 142 from last year. Phone contacts will be made in February to non-members. It was recommended that the brochures continue to be used as an informational source.

OVMA Liaison: Dr. Iman reported the Alumni Society President will be presented at the OVMA president's reception. The OVMA has been approached by the College to contribute to the Commencement Picnic. The OVMA requested additional budget information. Dr. Grimm moved that we increase our donation to the picnic from $1,800 to $2,500. It was seconded by Dr. Gilpin and passed.

Projects to Aid the College: A new gas grill was purchased for use by the College for $2,200. The Society has agreed to pay one half of the cost.

Public Relations: Dr. Wenger reported outstanding feedback on the directories. About half of the initial printing has been sold.

Old Business

Donation to the New Alumni House: Dr. Tinney moved to donate $500 per year for the next five years to the OSU Alumni House Development Fund. Dr. Holfinger seconded the motion and passed.

Woodgeard Print Sales: Ms. Bates reported that the prints are done and 39 have been sold. The Society donated one to the OVMA, one to the College, and one to the Equine Center.

Art Miniatures: Dr. Robinson agreed to contact Dr. Garton now that the project has been approved and determine the feasibility of the project.

Term Limits for Board Members: After some discussion, Dr. Tinney moved to limit membership on the Board to two consecutive terms. Dr. Grimm seconded the motion. The item will be presented as an amendment to the constitution at the next annual meeting.

The next Board meeting will be held on Friday, February 23, 1996, at 8:00 a.m. during the OVMA Convention.

The meeting was adjourned at 4:00 by President Zinn.

February 23, 1996 Meeting

The meeting was called to order at the Hyatt Regency at 8:00 a.m. by President Roy Zinn. Members present were Drs. K. Gilpin, E. Grimm, J. Herman, G. Hoffsis, G. Holfinger, W. Iman, E. Kellogg, C. Neer, A. Priestley, S. Reed, B. Reppart, Dr. Robinson, L. Tinney, R. Weidner, S. Wenger, R. Woodgeard, M. Wyman; guests present were Drs. J. Gordon, T. Young; Ms. B. Bates, J. Cobb; Mr. D. Patton, L. Rummell. The Minutes were approved as read. Dr. Grimm moved to accept the Treasurer's Report, seconded by Dr. Iman and passed.

Committee Reports

Annual Conference: Dr. Neer asked for preferences (buffet or sit-down) of the Friday night dinner. Dr. Woodgeard noted that this is his last year on the Board, and asked that Dr. Wyman join him as co-chair of the auction so that he may assume chairmanship the following year.

Audit: Dr. Priestley announced that the committee met and determined that the Society's books are in order.

Convention Alumni Receptions: Dr. Weidner reported that a joint reception is definite for next year at

the North American Conference. It was recommended that we continue participation. A reception at the ACVIM died for lack of a motion. Dr. Reed will attend this year's meeting and check on possible future receptions. Attendance was good at the Western States and North American meetings this year. Dean Hoffsis presented a short slide show on the College and reported that it was well received. The possibility of having a raffle or auction at these receptions was discussed.

Constituent Program: Ms. Cobb reported that the Alumni House ground breaking will be held May 9.

Dean's Report: Dean Hoffsis reported that renovations of Hospital Room 1147 have begun thanks to the Society's auction proceeds.

Gifts and Bequests: Mr. Rummell reported that the OSU Campus Campaign drive is at 41% of its goal. Giving to the College is 20% above last year for its first six months of the year. He presented a list of priorities to be accomplished by the College once the Equine Center project is complete.

Membership: Dr. Tinney reported on progress of the membership drive. Dr. Grimm has organized a phone committee to contact non-members in their area. Final membership count for 1995 was 1,502, up 150 from 1994.

OVMA Liaison: Dr. Iman reported that the OVMA will contribute $2,500 to the annual College Commencement Picnic and asked that a letter of appreciation be sent to the OVMA from the College.

Projects to Aid the College: Dr. Gordon presented the following two requests: 1. Two computers are needed for the Library at a cost of $7,232; 2. A color printer is needed for Veterinary Technology Services at a cost of $9,200. Dr. Grimm moved and seconded by Dr. Wenger to fund both projects. Dr. Wenger then moved to amend the motion to prioritize it, funding the computers first, as money becomes available in the treasury. Dr. Grimm seconded. Both the motion and amendment passed.

Public Relations: Dr. Wenger reported that the Alumni Directories are selling well and we are nearly at a break-even point with cost.

Old Business

Dr. Zinn presented the first Alumni Society $500 donation to Ms. Cobb for the building of the new Alumni House.

We have sold 48 of the Woodgeard prints. It is recommended that ten prints be held back to auction at Alumni Receptions.

Dr. John Garton is currently working on the sculpture for the Equine Center. Miniature replicas will be discussed when the project is completed. Dr. Garton has suggested donating a duplicate piece of his sculpture for this year's alumni auction.

New Business

Dr. Herman discussed possible investments for the Society's funds. It was decided to leave funds in the money market fund until after November's election.

The meeting was adjourned at 9:15 a.m. The next meeting will be on May 8 in Sisson Hall.

Respectfully submitted,
David H. Robinson, DVM
Secretary

Classes of 1936 and 1946 Celebrate Reunions

The Ohio State University Alumni Association invited all 1936 and 1946 graduates back to the university in May to celebrate class reunions. The College of Veterinary Medicine was fortunate to have several distinguished alumni from each of these classes return for the reunion weekend. The university planned several activities for the alumni and their guests, and the College hosted them and their wives for a luncheon and tour of the Veterinary Hospital.

Seated left to right: Dr. Curtis Cromley; Mrs. Cromley; Mrs. Eileen Cross; Mrs. Stengel; Mrs. Betty Sigler; Mrs. Barbara Amling; Mrs. Mim Greiner; Mrs. Cass; Dr. Charles Stengel; Standing, left to right: Dr. Robert Sigler; Dr. Robert Cross; Dr. Jack Cryan; Dr. Ken McWilliams; Dean Glen Hoffsis; Dr. Warren Amling; Dr. Jules Cass; Dr. Harland Dye; Dr. Bob Greiner

Class Personals

1933
James W. Armstrong, North Kingstown, RI, has corresponded with classmate Dr. Max Coates during the past year.

1935
Lowell R. Barnes, Pendleton, IN, and his wife Maryhelen (OSU '34) are still active in veterinary affairs. They are thankful to have good health and each other.

1936
Jules Cass, Silver Spring, MD, is a Diplomate: Lab Animal Medicine; Vet Toxicology. He is currently a consultant.

1937
David Splaver, Arcadia, CA, says it has been almost 60 years since graduation—"what a wonderful life." He is almost ready to start over again.

1938
Martha Carr Goldrick, Alliance, OH, says how times have changed. When she wanted to go to veterinary college, her father, Dr. Frank L. Carr discouraged her. She came to OSU as a graduate student and worked in the labs and received her M.Sc. degree. "I feel 'gypped' because look at us (girls) now!"

Sidney L. King, Suffern, NY, has undergone several attacks of macular degeneration and has been declared legally blind. Dr. King writes "How precious are those memories of life at Ohio State, as I cannot read and must rely upon my thoughts. These go all the way from four years of dishwashing in the girls' dorms to the academic regimen of the veterinary college curriculum."

John R. Krohn, Wilmington, NC, says one of his granddaughters, a Yale graduate, in serving with the Peace Corps in Mali, West Africa.

1939
Harold D. James, Lakeland, FL, keeps busy doing nothing. He spends a few days each summer relaxing by their mountain retreat.

Emmett W. Spieth, Jeffersonville, IN, was the 70th president of the IVMA. He also received the IVMA President's Award in 1983 and was honored and recognized for 57 years service and dedication to the veterinary profession by the IVMA in 1996.

1940
C. W. Higley, Dayton, OH, is still a one-man small animal clinic with his wife Helen as registered technician. Dr. Higley is still flying their Navion airplane and was re-elected Ohio Valley Wing leader of the Confederate Air Force. They meet monthly at Bolton Field where they hangar an L-5.

1941
Lowell M. Jones, Bowling Green, OH, sold his practice in 1986 to his son John Jones. He practiced 20 years with his brother, K.S. Jones, in Rushsylvania, 20 years solo, and two years with his son. He has been in 23 foreign countries. "Vet Med is the greatest profession there is."

1942
Klaus M. Friedburg, Manistee, MI, is enjoying life cross country skiing, playing tennis and traveling. His Faultless Ear Patterns business keeps him in touch with veterinarians here and abroad.

1943
Russell W. Welbourn, Winchester, IN, is still working for State of Indiana Meat and Poultry Division. His hobbies include Arabian horses and trail riding.

1945
Glenn F. Irwin, Bellefontaine, OH, is in practice with his son Timothy and they have two pet hospitals.

1946
M.L. Custer, San Diego, CA, is president of the non-profit organization, Animal Care Foundation, which supplies funds for canine blood bank and instruments for veterinary use.

James E. Fox, Norcross, GA, is now retired to golf and fishing.

Kenneth E. McWilliams, Hilliard, OH, is state veterinarian for Ohio State Racing Commission.

George E. Ritter, Council Bluffs, IA, is happily retired after 29 years in the U.S. Army Veterinary Corps and 14 years as a Professional Service Representative in Southern California for Hill's Pet Products.

Robert R. Sigler, Akron, OH, says his two sons are graduates of the OSU College of Veterinary Medicine, and his two daughters are OSU graduates.

Milton (Mickey) Willen, Palm Desert, CA, is retired and active in local charities. He donates his professional services to non profit research centers which use animals.

John P. Wittig, Lancaster, VA, retired in 1983.

1947

Wayne E. Sharp, Union City, IN, is in his 49th year of practice and might retire next year. "I love my work but when you get 75 it's time to call a 'halt.'"

1948

Donald W. Hey, Webster, MA, has had the elevator in the Municipal Building dedicated to him in recognition of the many years he has actively pursued accessibility for the handicapped. Dr. Hey has been a paraplegic for 35 years.

1951

Russell A. Brooks, Boise, ID, is married to Charlene and retired in 1990.

Edwin L. Davis, Lake Worth, FL, and his wife Barbara spend eight months a year in Lake Worth and four months in Springfield, Ohio. He is staying active with relief assignments in Ohio. In addition, he and Barbara (Miami '67) are sub teaching in Palm Beach County. With over 70 elementary and middle schools, one can teach two or three days a week. "Note: veterinary medicine is less stressful."

David Wise, Clemson, SC, and his wife Julia are a year older and wiser, healthy and happy in sunny South Carolina. He is not active in veterinary medicine, but still has a few tasks at and connections with Clemson University, including reviews of research proposals for the Recombinant-DNA Committee.

1952

Nevin E. Berglund, Wilmette, IL, is still working fulltime and enjoying it.

Ronald D. Matchett, Swayzee, IN, is still hunting, fishing, and vacationing with classmates Lou Schroeder, Don James, and Frank Johnson. Friendships become more valuable each year.

Michael D. Miller, W. Hollywood, CA, and his wife Esther have three children and one granddaughter. He will retire from active practice this year.

Vaughn W. Morrison, Greensburg, IN, is now 83 years old and retired 10 years ago. He still enjoys golf, traveling, and gardening—in that order.

James H. Rosenberger, Richmond Hts, OH, is semi-retired and has eight grandchildren. "As the saying goes—still above room temperature and still on the right side of the grass."

Lou Schroeder, Bluffton, IN, says his best score in golf this year was six under par—a great way to spend retirement.

1953

Fred Banks, Ravenna, OH, retired in 1995. He remarried in 1994 to Doris Sommers.

John J. Headlee, Columbus, OH, is still retired and enjoying it!

1954

William E. Covert, Lynchburg, OH, is retired. He and his wife, who is a retired teacher, have six grandchildren. They spend part of the winter is Florida and summers at Rocky Fork Lake fishing and boating. "The good life—Great to be a veterinarian."

Albert W. Franzmann, Soldotna, AK, retired in 1987 as Director of the Moose Research Center in Alaska. He has been an international wildlife veterinary consultant in India, China, and Argentina since then. Dr. Franzmann just completed compiling and editing a book for the Wildlife Management Institute entitled, *Moose of North America: Ecology and Management*. He is still living in Soldotna and enjoying the "great land."

William Roenigk, College Station, TX, is an emeritus professor at Texas A&M University and part-time imaging consultant. His children are in all four corners of the U.S. and traveling to be with grandchildren takes a lot of time.

Royce Wilbur Smith, Jeromesville, OH, is retired.

1955

Charles D. Ackley, Kettering, OH, is enjoying retirement but is doing some relief work when not traveling, boating, etc.

David M. Drenan, Hartville, OH, bought a boat in Florida last fall and lived aboard it over the winter. He just brought it north to Chesapeake Bay and Oxford, Maryland.

Max C. Joseph, North Vernon, IN, is retired.

Fred G. Leininger, Sarasota, FL, sold Glenway Animal Hospital in Cincinnati last year to Drs. Diana Dornbusch and Brian Cron. He moved to Sarasota and was expecting eighth grandchild in March. Dr. Leininger says he had a good time at the 40th reunion last fall.

R. Harvey Pinkston, Princeton, IN, is retired and lives on their farm near Princeton.

1956
David P. Cooley, Hammond, IN, says his son Tracy (Purdue '81) is now associated with him.

W. Harold Davis, Zionsville, IN, totally retired in 1995. Their winters are spent at home in Colorado skiing. Warmer months are devoted to biking, gardening, mountain climbing and community involvement. His stock market interest goes on year around. "Joyce is same good wife for 39 years." They have two good and successful kids with spouses of same attainments. They are hosting the Class of 1956 reunion in June.

Keith Kraner, Gaithersburg, MD, retired last year from USPHS after 19 years with NIH. Prior to that, he was with the University of Missouri for 11 years, the U.S. Air Force, and a State lab pathologist.

1957
George R. Blind, Norton, OH, retired last September.

Robert E. Dickerson, Tulare, CA, is retired.

Davis A. McCue, Richmond, VA, owns the Hilliard Road Veterinary Hospital in Richmond, Virginia, a small animal hospital with one associate. Dr. McCue is married and has three children and three grandchildren.

John W. Miller, Albuquerque, NM, is retired and remodels homes. He is involved with church work and enjoys travelling and mountain climbing.

Richard M. Miller, Mansfield, OH, has retired from private practice. His veterinary clinic, equipment, home and adjacent property are for sale. He can be reached at 419/589-5229.

1958
John C. Barck, New Smyrna Beach, FL, is chairman of their new city animal control board. He is certified as a master gardener by the County Extension Service. Dr. Barck enjoys seeing OSU folks while they are visiting Florida.

Charles W. Beall, Ames, IA, is retired.

M.G. Headley, Angola, IN, is chairman of the Norwest Bank in Angola, president of the Steuben County Board of Aviation, and president of the Steuben County Antique Power Assn.

Donald G. Kerns, W. Mansfield, OH, retired from private practice in January.

William M. Kuhlmann, Harrison, OH, is still in small animal practice. He is a member and past president of the Hamilton County Board of Health. Dr. Kuhlmann is also an active collector and preserver of old fishing tackle.

1959
David A. Breiding, Akron, OH, is entering his 37th year in practice.

Bill Callahan, Seattle, WA, is owner/operator of four veterinarian small animal practice, the Union Bay Veterinary Hospital, in Seattle.

Adalbert Koestner (PhD), Columbus, OH, is heading an international committee for the classification of Domestic Animal Tumors of the Nervous System (WHO).

Sharron Martin (Capen), Westerville, OH, retired from the OSU College of Veterinary Medicine in 1995. She served on the College Admissions Committee for the past year.

1960
Anthony M. Gallina, Camp Hill, PA, is a professor emeritus at Washington State University.

Richard F. Kracer, Cleveland Hts, OH, is retired from practice and CEO of the Emergency Pet Clinic in Bedford Hts.

John H. Thomas, Martinsville, IN, was appointed to State Board of Animal Health by the governor in 1995.

1961
Daniel N. Ebert, Youngstown, OH, has been married to Ruth for 35 years and they have four sons.

Larry Skinner, Redington Shores, FL, is retired.

1962
David P. Miller, Attleboro, MA, is director of regulatory affairs and scientific services for Kendall Healthcare Products Co. He is "still going strong."

1963
Carl T. Baker, Chesapeake, OH, says he is getting older!

David H. Berliner, Concord, NH, celebrated 25th anniversary of his clinic, Colley Veterinary Clinic. He recently completed major renovations of the clinic.

Richard P. Bokanyi, Grafton, OH, semi-retired in 1995 and sold his practice to Dr. Marty Foy. He is now enjoying the good life of traveling, hunting, and fishing. He highly recommends the move.

Eugene Novy, Solon, OH, has been married for 30 years to Anne—his life and business partner. They have two daughters, one assists in his practice and breaks and trains

their Thoroughbred horses; the other daughter is in medical school at OSU. Dr. Novy is very busy with his practice and enjoys going to veterinary seminars and watching their horses race.

John A. Shadduck, College Station, TX, has been dean of the Texas A&M College of Veterinary Medicine since 1988. He has two children and four grandchildren.

1964

Ray Glick, St. Joseph, MO, is senior vice president/group publisher for Veterinary Medicine Publicity Group. He is publisher of *Veterinary Economics, Veterinary Medicine Journal, First Live, Veterinary Pharmaceutical and Biologics Veterinary Reference*; and producer of the Central Veterinary Conference.

Francis H. Goldsmith, Jr., San Diego, CA, is continuing his fight against drugs and alcohol abuse. He is chairman of the CVMA Drug Free Workplace Committee and co-chair of CVMA Wellness Committee. He was chosen as a National Join Together Fellow for 1994-95. Dr. Goldsmith's son Jeffrey has received a full scholarship for MD/PhD program at University of Alabama.

Paul J. Klinefelter, Waldo, OH, is a partner at the Waldo Animal Clinic. He and his wife Shirley have a four-year-old son.

Donald Sells, Galena, OH, works at Battelle Memorial Institute in Columbus.

1965

H. Hugh Harroff, Jr., San Antonio, TX, is national president of AALAS.

James N. Ross, Southboro, MA, is professor and chair of the Department of Medicine, Tufts Univ. School of Veterinary Medicine since 1981. He completed a six-year term on COE. He is past president of VECCS; AAVC; and is currently secretary/treasurer of ACVECC. Dr. Ross enjoys fly fishing in fresh and salt water, and bird hunting. He has two grandsons.

David G. Zipf, Columbia, MD, is chief veterinarian for Maryland Racing Commission. He has been married to Jacqueline for 31 years and they have three children. Dr. Zipf enjoys gardening, soccer, masters swimming, and "micro" farming.

1966

Ronald C. Chatfield, White Bear Lake, MN, is director of Pharmaceutical Development at Solvay Animal Health in Minneapolis. He has been married for 36 years and they have eight grandchildren. "Life is great!"

Maureen Schree Hunter, Utica, OH, retired in 1995 from teaching veterinary anatomy after 29 years. She was rehired in the OSU Veterinary Student Affairs office and loves it!

Fred Labavitch, Portland, OR, had a new baby girl last September.

Edward M. McFarlan, Tiffin, OH, is now semi-retired. He keeps busy with the Kiwanis and Lions Clubs. He is vice president of the Seneca County Fair Board and Junior Fair Foundation. Dr. McFarlan enjoys rose gardening.

1967

Richard Bernhard, Cocoa Beach, FL, and his wife Penny have three children. Has owned a small animal practice in Cocoa Beach since 1969, and plays golf and tennis regularly. Dr. Bernhard loves the Orlando Magic.

1968

Jon J. Bernstein, Los Angeles, CA, is still running a small animal and exotic practice and his wife Naomi is office manager. His daughter is a social worker and his son is a veterinary tech and applying to vet school. They are taking time for trips, including twice a year to Baja California.

Thomas J. Burke, Decatur, IL, lectured at the University of Istanbul and University of Ankara Veterinary Schools in November. He enjoyed Turkey very much.

Donald B. Cromer, Churchville, VA, is founder and partner of Westwood Animal Hospital in Staunton, Virginia. It is a nine veterinarian mixed practice. One associate is his son, Dr. Michael Cromer. He and his wife of 34 years, Judy, have two sons, one daughter, four grandsons, and one granddaughter. Dr. Cromer operates Cabin Creek Farms of Virginia, breeding and raising registered Quarter Horses. He is an active member of the Baptist Church.

Carl J. Ollila, Centerville, OH, was reelected age group chairman of Ohio Swimming, Inc. He will represent Ohio at the National Aquatic Sports Convention in Orlando in September. He and his wife Pam have three children—two at OSU and one ten-year-old.

Victoria L. Voith, Kalamazoo, MI, recently co-edited a collection of articles on animal behavior, "Readings in Companion Animal Behavior," published by Veterinary Learning Systems, Trenton, NJ, 1996.

1969

Scott Anderson, San Francisco, CA, and his wife, Diana, have two teenage children. He is the owner of a AAHA-certified small animal hospital, Avenues Pet Hospital. Dr. Anderson is a committee member of IACUC, University of California San Francisco Medical School. He was a member of the OSU NCAA championship baseball team in 1966.

Jerry C. Haughn, McAllen, TX, says his daughter and her fiance will be getting their DVM degrees in 1997 and will be externing with Dr. Haughn this summer. His wife Nancy has retired from teaching and son Jarrod is entering graduate school at Texas A&M.

1970

Daniel D. Frey, Woodville, WA, has been at Kingsgate Animal Clinic for 26 years. He has made eight trips to China taking tour groups and is a tour guide for *China Today* magazine. Dr. Frey is manager of "Beware of the squirrel" wildlife rehab center. He has been married to Carol for 11 years and raises Akitas.

Paul E. Karr, Portsmouth, OH, says the Scioto Trail Animal Clinic (DBA) Karr Veterinary Clinic has been voted the number one veterinary clinic in the area for two years in a row by The Portsmouth Daily Times Leaders Choice Awards. They are very proud of this honor.

Edward J. Kennedy, Jr., Portola Valley, CA, is in 20th year of just doing house calls for small animals. He won the Pebble Beach Polo Club 1995 Invitational. Dr. Kennedy's daughter is in OSU freshman veterinary class getting straight A's ("Dad was getting straight C's").

Donald R. Rowles, Avon Lake, OH, has added a new associate, Dr. John Nowery (OSU '90) to his practice. Daughter Krista graduated from OSU and is a high school teacher in Columbus; daughter Kelly is at Central Bible College and is called to be a missionary.

1971

Gary A. Thrasher, Hereford, AZ, is in beef herd health and ranch management in Arizona, New Mexico, Texas and Mexico. He is owner of Herford Veterinary Service in Arizona; Servicios Veterinarios Asociados Hereford in Mexico, and Jicara Livestock Company in Arizona. He has been married for 30 years to same great wife and has three great kids. Says 1995 was his best year ever! "Come see us!"

Ronald D. Warner, Shallowater, TX, retired from military as a Colonel, USAF, in 1994 and joined the faculty at Texas Tech University School of Medicine as associate professor of family and community medicine. He teaches epidemiology, biostatistics, and zoonoses in preventive medicine and public health courses. He and wife Susan, a medical reference librarian, enjoy the friendly, open spaces of West Texas; they will soon be grandparents.

1972

Ron Abrams, Cincinnati, OH, is still busy in his small animal practice. "Would love to slow down but can't quite seem to figure out how." His oldest daughter just graduated from Indiana University—one down and three to go.

Wayne L. Klepinger, Green Lake, WI, is senior partner in a seven veterinarian, two community practice which is 60% production animal and 40% companion animal. He has been in the same location since graduation. N.W. Klepinger (OSU '50) retired from practice and classmate C.W. Edwards is a partner. Dr. Klepinger and his wife Marcy have three daughters. His hobbies include veterinary practice and management, golf and travel.

Leonard Letendre, Gloucester, MA, still owns and operates small animal practice in Gloucester. He is also foodborne-illness coordinator for Massachusetts and oversees research facilities using animals in Massachusetts.

Myrna M. Milani, Charlestown, NH, is working on a new book for Contemporary Books in Chicago. Was looking forward to talking with practitioners and students at the last OVMA Convention. It was an "interesting" winter in NH, too!

John S. Mitchell, Boca Raton, FL, retired from equine racetrack practice.

Mark A. Rutman, Beachwood, OH, and his wife of 27 years, Sally, have a 23-year-old daughter and 18-year-old son.

1973

Robert L. Baumann, Elyria, OH, is president of Fox Veterinary Hospital of Elyria, a four-veterinarian mixed practice. His daughter Carolyn is a junior veterinary student and president of Omega Tau Sigma and vice president of the student chapter of the AAEP. Dr. Baumann is president of the OTS Alumni Association.

Joseph A. Crock, Pataskala, OH, has a small animal practice and also practices acupuncture and Chine herbs. He has written a weekly

column titled "Furry Footnotes" for the Pataskala Standard Newspaper for the past nine years. Dr. Crock and his wife Nancy have been married 27 years.

Kenneth S. Hay, Niles, IL, is owner of Misener-Holley Animal Hospital in Chicago.

1974

Charles Acton, Laguna Hills, CA, is enjoying the "good life" in sunny Southern California and working on his golf game. He has a small animal practice with two other veterinarians and a support staff of 15. It keeps him busy, but only four days a week. Dr. Acton sends his regards to his classmates.

Marion W. Belue, Dayton, OH, has taught 8th grade science at Dayton Christian Schools for the past 16 years, as well as running a private house call/small animal outpatient clinic from an office in his home.

Charles L. Kidder, Lexington, KY, is a partner with Griggs O'Neal Kidder PSL equine medicine.

Robert H. Partridge, Waynesboro, VA, is the owner of a AAHA small animal practice in Waynesboro.

1976

Robert S. Legg, Coeur d'Alene, ID, sold the Colonial Animal Hospital in 1995 and left Florida. He is now residing on a farm in northern Idaho with his wife Pam and three children. The family has four dogs, two parrots, and two horses—"Yes Mr. Small Animal has horses!"

Stephen M. Reed, Columbus, OH, and his wife Karen will celebrate their 25th wedding anniversary and 20th year since graduation this year. They enjoy living in Columbus and teaching at OSU.

Craig R. Reinemeyer, Knoxville, TN, is associate professor of parasitology in the Department of Comparative Medicine, Univ. of Tennessee College of Veterinary Medicine.

David R. Thornton, Toledo, OH, and his wife Shirley have three daughters and one granddaughter.

1977

Barry M. Adler, Colonia, NJ, and his wife Deborah have two children, ages seven and four.

Michael J. Endrizzi, Woodstock, GA, moved to Georgia and is regional technical manager for Ciba Animal Health.

Marc S. Katz, Silver Spring, MD, is solo owner of Kindness Animal Hospital, a four-doctor practice. He has four sons.

Duane C. Stewart, Wooster, OH, is a trustee of OTS fraternity, vice president of Stark Co. VMA, and board member of the Weimaraner Club of Greater Cleveland. Dr. Stewart is a private practitioner at Fulton Animal Hospital in Canal Fulton.

Todd R. Tams, W. Los Angeles, CA, published *Handbook of Small Animal Gastroenterology* (W.B. Saunders Co.) in 1995. He was recently named vice president and chief medical officer of Veterinary Centers of America (VCA), and continues to practice as an internist/ gastroenterologist at VCA W. Los Angeles Animal Hospital.

1978

David Krakowski, Cary, NC, and his wife Mary Ann adopted a baby girl in 1994 and baby boy in 1995.

Susan E. Pontius, Monclova, OH, is working with her sister, Bonnie Walker (OSU '85) at Brannan Veterinary Clinic in Maumee. She has an avian specialty on the side.

1979

David Calland, Findlay, OH, and his wife, Susan, have three children.

Kathi Heiber, Mahopac, NY, announced that her practice was chosen by *Veterinary Economics* as a "Practice of Excellence" for 1996. She is sure her quote from Dr. Walter Venzke's words of wisdom while a student clinched the award for them.

Donna Starita Mehan, Boring, OR, is pursuing her interest in alternative medicine along with her husband, William, a naturopathic physician. They each practice on their farm in Oregon, which is home to their three daughters.

Thomas J. Newton, Manakin-Sabot, VA, is owner of a four-veterinarian equine mobile practice in the Richmond area. His area of interest is in reproduction. Dr. Newton enjoys a variety of equine-related leisure activities, including a current passion for polo! He is involved with several equine-related civic activities, such as therapeutic riding programs.

1980

Wendy Powell Feaga, Ellicott City, MD, has an active home-based small animal practice. Her husband is a full time dairy farmer and they have two daughters. Dr. Feaga is currently working on her rabbit judging license under former classmate Chris Hayhow. She continues to provide information and support for people with Lyme disease.

Sally Haddock, New York, NY, co-authored *Making of a Woman Vet* in 1985 (Simon & Schuster). She started St. Marks Veterinary Hospital, 348 E. 9th Street, New York, NY 10003 in 1986. Dr. Haddock is married to Thomas Birchard. They and their three children enjoy skiing in Vermont.

Melissa Trogdan Hines, Moscow, ID, is an assistant professor of equine internal medicine at Washington State University. Last year she was named R. Wescott Scholar for excellence in teaching senior veterinary students. She and Steve live on a small farm in western Idaho where they have accumulated a significant menagerie of rejects and lost souls. They also enjoy whitewater kayaking on the local rivers. Her e-mail address is mth@vetmed.wsu.edu.

Karen K. Miller, Buckeystown, MD, opened a solo practice, Buckeystown Veterinary Hospital, in 1990. She employs one full time associate and ten staff. She raises purebred Shorthorn cattle on the same 35 acre farm on which the clinic is located. They hope to expand the hospital this fall. Dr. Miller is married to Terry Sevell (1981) and still deliriously happy!

Jennifer H. Schoenfeld, Pickerington, OH, has been married to Mike, a teacher, for 20 years and they have two sons. The entire family enjoys tennis and skiing. "Sorry we missed Boyne this year, but Big Sky was calling." She has a small animal practice with Dolores Moran (OSU '90)—"She is one fine veterinarian!"

1981

James T. Eldridge & Caryn L. Scaravelli, Newbury, OH, have two sons ages ten and eight. They own the Chagrin Animal Clinic, 7386 Chagrin Road, Chagrin Falls, OH, 44023.

Paul Jansak, San Juan Capistrano, CA, is learning to play golf to prepare him for retirement.

Mel J. Kattelman, Cincinnati, OH, is in a small animal and exotic practice.

Marcia L. Landefeld, Port Washington, NY, says 1995 was a banner year! She married her best friend Mets in May, spent her 40th birthday in France, and went skydiving! She is still working in an all feline practice on Long Island and hoping to become board certified in feline medicine and surgery.

Gary Levy, Jackson, NJ, became board certified by the International Veterinary Acupuncture Society in 1995. In 1993 he became certified in companion animal medicine by the American Board of Veterinary Practitioners.

Steven Paul, Coral Springs, FL, and his wife, Jill, are enjoying their two young sons. He owns two practices and has established an enclosed dog park for his local community.

1982

Sherry L. Billett, Sturgeon Bay, WI, is married to Joel Kitchens (OSU '83). They have three children.

Randi Brannan, Portland, OR, is associated with the Oregon Veterinary Referral Center and owns and operates the Animal Dental Clinic. The Referral center is with the Raleigh Hills Veterinary Medical Center, 4905 SW 77th Avenue, Portland, OR 97225.

Fred A. (Tony) Mann, Columbia, MO, became a diplomate of the American College of Veterinary Emergency and Critical Care in 1995. He is an associate professor at the University of Missouri-Columbia.

Christine M. Myers, Middletown, OH, is founder/owner of Agape Veterinary Home Care and Relief Services.

Jeff Wyatt, Rochester, NY, became an ACLAM Diplomate in 1989 and earned an MPH from the University of Rochester in 1995. His research thesis was titled, "The Epidemiology of Human Rabies Postexposure Prophylaxis in New York State's Raccoon Rabies Epizootic Front." Dr. Wyatt is chair and director of the Division of Laboratory Animal Medicine and the Vivarium of the Univ. of Rochester School of Medicine and Dentistry. He is also chief veterinarian of the Seneca Park Zoo of Rochester.

1983

John R. Cole, Cincinnati, OH, was married in 1994 to Stephanie and they recently adopted a baby girl from China. He has owned the Anderson Hills Animal Care Hospital since 1987.

Cliff Swanson, Raleigh, NC, is a guitarist, singer, and songwriter for the folk-pop-rock band "Head Cook." The band's first CD recording is an EP entitled, "Playing in Traffic," and will be available this summer. Call, write (5619-E Old Wake Forest Road, Raleigh, 27609), or e-mail (cliff-swanson@ncsu.edu) for details.

1984

Diane E. Beam, San Ramon, CA, is implementing IDN Wellness and

Prevention programs in physician offices and health care facilities based on education, nutrition, and lifestyle changes. She never realized animals generally eat better than people. Many things which kill people have a large nutrition deficient component which is well documented. They like California, the ocean, and skiing on real hills, but it took a while to adjust to brown in the summer.

Daniel P. Berbert, Gaithersburg, MD, is married with three children. He is a 50 percent partner in a six-doctor practice.

Kevin P. Byrne, Champaign, IL, became board certified by the American College of Veterinary Dermatology in 1995.

John B. Gifford, Medina, OH, is a solo equine practitioner. He and his wife Patty, a MSU graduate, have one daughter, and the "required animal ownership of a dog, cat, horse, and guinea pig."

Terri A. Jones-Forte, Johnstown, OH, was married in 1993 to Michael D. Forte, who is employed by the Ohio Rail Commission.

Matthew W. Lavell, Gallatin, TN, is happily living in Tennessee and has a private equine practice. He has three children.

Patricia J. Ungar, San Diego, CA, says her bustling practice is now five years old. The three women veterinarians are all working part-time—"a true practice of the 90's!" She is married and has one two-year-old daughter and is working on #2!

1985

Gina M. Schroetter, Fredericksburg, VA, is married to James H. Schroetter. She still works at Chancellor Animal Clinic doing small animals and exotics.

Mary Ann Wagner-Zieglar, Dilliner, PA, is married to Anthony P. Zieglar and they have one daughter. They own a 95-acre farm in Pennsylvania, north of Morgantown,WV, and are attempting to remodel an old farmhouse.

1986

Carole Foster, Kensington, MD, is an associate at Metropolitan Emergency Animal Hospital.

Bill Greentree, Ames, IA, is a resident in veterinary opthalmology at Iowa State University.

Kathleen Hutton, Marietta, OH, has accepted a position with The Pet Practice in Marietta. Her interests are dermatology, internal medicine, canine behavior and training, and ferret medicine/surgery, as well as most soft tissue surgery. She has two cats and an Appaloosa mare. Her other interests are bird watching, nature walks, cross-stitching, and horseback riding.

Judi Keller, Tucson, AZ, owns her own small animal/exotic practice and loves it! She has a one-year-old daughter.

Cindy Otto, Milmont Park, PA, says since becoming board certified in veterinary emergency and critical care and finishing her PhD degree in physiology at UGA, she is looking for new ways to fill her time—"Being an assistant professor of emergency services at Univ. Pennsylvania isn't enough?!" Between speaking engagements, clinics, and writing grants, Dr. Otto manages to kayak, sail, and play around in the kitchen.

Kathleen M. Picciano, Monroeville, NJ, had a son in November 1995.

Ronald Sandoval, Sparks, NV, had a daughter born in February 1995.

Ted Winkle, West Seneca, NY, purchased Southtowns Animal Hospital in 1995.

1987

Greg C. Allen, The Plains, OH, was married to Jan Dee in August of 1994.

Eva Bostek-Brady, Bernardsville, NJ, and her husband Tom recently had their first child, a son born in February. She is taking some time off work—she never realized what an all-encompassing job parenthood is!

David Corfman, Fairfield, OH, recently purchased the clinic he has worked at for eight years.

Nancy Grzenda-Schuler, North Ridgeville, OH, works in an eight veterinarian small animal practice that specializes in canine reproduction and avian medicine. Her husband, Dennis, is a locomotive engineer and vice president of the United Transportation Union. She has a stepdaughter and stepson, two Golden Retrievers, and two birds.

Shari Kennedy, Upper Marlboro, MD, is owner of Southern Maryland Equine Veterinary Service, a three veterinarian strictly large animal ambulatory practice, since 1994. She is very busy with practice and looking for a new home. Dr. Kennedy invites anyone visiting the Maryland/DC area to give her a call (301/420-4329).

Drew Yosick, New Philadelphia, OH, has three sons ages six, four and infant.

1988

Teresa A. Liberati, Albuquerque, NM, completed her PhD degree in toxicology at the University of Rochester in 1995. She is now working at the Inhalation Toxicology Research Institute in Albuquerque.

Les Polasky, Cincinnati, OH, is continuing to stay busy in a small animal practice.

Linda Quodomine, Danville, PA, bought a house in 1995. She is splitting time between two clinics as a relief veterinarian with buy-in potential this year.

1989

Hector Roman Barcelo, San Juan, Puerto Rico, is owner of a small animal hospital. He is married to Yael Tous Cardova.

R. Tod Beckett, Columbus, OH, is now joined with associates Renee Watters and Jeff Hara. He opened a second practice with his father and Jeff Hara in 1995. Dr. Beckett's son is three years old.

Kathy Hamilton, San Francisco, CA, and her husband, Cliff Wagener, recently had a son born last November. She enjoys being a new mom and working part-time. Her husband started a new options trading firm based in San Francisco. They enjoy hiking and skiing.

Victor S. Katz, Silver Spring, MD, is owner of Muddy Branch Veterinary Center which opened in 1994. He has a two-year-old daughter and was expecting another baby in March.

Karen Kline, Columbia, MO, has been appointed an assistant professor in the Department of Clinical Sciences at Iowa Sate. She previously completed a residency at The Animal Medical Center and was a clinical instructor of neurology at the University of Missouri. Dr. Kline is a Diplomate of the American College of Veterinary Internal Medicine (neurology).

Dan Meakin, Amelia, OH, is expecting third child in October and is building a new clinic this year. Last year, Dr. Meakin produced videos on exotic pets cure for AVLS.

Ed Murphey, Galveston, TX, finished his large animal surgery residency at Purdue University in June 1995. He is now at the University of Texas Medical Branch working on his PhD in pathology and completing a post-doc fellowship with the department of anesthesiology.

Barbara S. Simpson, Southern Pines, NC, is a diplomate of the American College of Veterinary Behaviorists. She owns a private referral practice, The Veterinary Behavior Clinic, and teaches veterinary behavior at the NCSU College of Veterinary Medicine.

1990

Valerie Anderson, Jackson, OH, began a new mixed animal practice in 1994 and plans to build a new clinic in the near future. She is also raising Quarterhorses, Quarter ponies and paint horses.

Susan K. Clark, Mt. Gilead, OH, purchased the Ontario Animal Hospital in Mansfield, Ohio, from its original owner, Dr. Roger Ronk, in 1995.

Marybeth Cline-Koroly, Elizabeth, PA, is in her sixth year as a small and exotic animal practitioner. She is happy to report her marriage last December to high school sweetheart Michael Koroly. Classmate Susan Reed served as a bridesmaid. Her OSU friends can reach her at Riverside Veterinary Hospital, 520 Second Avenue South, Elizabeth, PA 15037.

Joy A. Davidson, Columbus, OH, is currently an adjunct faculty member at Columbus State Community College and Capital University. She also does veterinary relief work. Dr. Davidson has a three-year-old son and one-year-old daughter.

Linda Lehmkuhl, Dublin, OH, is an assistant professor at the OSU College of Veterinary Medicine. She is a diplomate of the ACVIM (cardiology).

Ann Manharth, Chicago, IL, is an associate veterinarian at Lincoln Park Zoo in Chicago.

Marilyn M. McCort, Doylestown, OH, is an associate veterinarian at Sigler Animal Hospital in Akron for the past six years. She is involved with an animal assisted activity/ therapy program at Children's Hospital in Akron.

Joanne (Butzberger) Murphey, Galveston, TX, is an associate veterinarian in a small animal practice in Friendswood, TX.

1991

James Blacka, Columbus, OH, and his wife Christine have a son.

Barbara Corn, Warren, MI, was married last July and is expecting a baby in August.

Laurie Goodchild, Pickerington, OH, is working as a clinical veterinarian for Battelle Memorial Institute. She has a two-year-old daughter and a son born in April. Dr. Goodchild is happy juggling a career with raising two children and keeping track of six cats!

Mark Swaney, Seattle, WA, accepted a new position with the Animal Reform Bureau which utilizes small animals in the rehabilitation at minimum security prisons. He and his wife Lianne recently had twins.

1992

Deanna L. Balazs, Columbus, OH, is a small animal associate veterinarian at the Cryan Veterinary Hospital in Westerville.

Bradley L. Bruns, Yorkshire, OH, opened his own clinic, Bruns Animal Clinic, in 1995, and business has been great. He and his wife Lillian have a four-year-old daughter, two-year-old son, and were expecting a baby in July.

Brian A. Cron, Cincinnati, OH, served as an associate under Dr. Kay Gilpin in Martinsburg, WV, for three years following graduation. He and his wife, Diana Dornbusch, purchased Dr. Fred Leininger's Glenway Animal Hospital in 1995.

John D. Gibbins, Wheelersburg, OH, is looking for a new job.

Deborah E. Hollenbach, Mason, OH, had a son born last December.

Stacy L. Hosking, Reno, NV, is still a cardiology resident at Angell Memorial Hospital in Boston. She will be moving out West in mid-late 1996. Her main interests include echocardiography and cardiac pacemaker therapy.

Karl E. Jandrey, Davis, CA, is currently a second year resident of emergency/critical care at Pet Care Veterinary Hospital/UC Davis.

Kelly R. Johnston, Delaware, OH, is working at a mixed animal (equine and small animal) practice and loving it. She does not have children yet—only cats and horses. Her hobbies include boating, cross stitching and "believe it or not" going to horse shows in her spare time.

Daniel A. Lynn, Plain City, OH, and his wife, Resa, are expecting their first child in August. He purchased the Plain City Animal Hospital in March.

Karen L. Rogers, Ypsilanti, MI, is in her first year in laboratory animal medicine at University of Michigan. She adopted another cat. Dr. Rogers is having fun meeting people and learning about current research in the medical field.

Fred J. Wright, Independence, OH, moved back to Ohio in July and joined the staff of Cloverleaf Animal Hospital, owned by Dr. Steven Danis.

1993

Diana Dornbusch Cron, Cincinnati, OH, practiced in Gaithersburg and Hagerstown, Maryland, for two years. She and husband Brian Cron purchased Dr. Fred Leininger's Glenway Animal Hospital last July.

Pamela J. Irvine, Hurricane, WV, is an associate with Valley Veterinarians.

Sheri (Cox) Kyle, Mason, OH, married in 1995 and changed her last name to Kyle.

Michelle (Rangus) Miller, North Ridgeville, OH, married in 1995 to Chris Rangus, an electrical contractor. They live in Westlake, but soon plan to build a house in North Ridgeville.

Jan Rae Schrier, Columbus, OH, and husband Dr. Michael Streicher have a one-year-old son.

Wendi Wotowiec-Brickley, Cuyahoga Falls, OH, is working at Green Animal Hospital near Cuyahoga Falls, and was expecting a baby in July.

1994

Kathleen McGill Bailey, Canal Winchester, OH, is employed at The Vet Clinic in Columbus. She went to Alaska in February for a Sled Dog Veterinary Training Seminar sponsored by the International Sled Dog Veterinary Medical Association. They performed pre-race exams on approximately 300 dogs which would be starting the Iditarod. She also participated in race day scanning for microchips.

Elizabeth A. Dible, South Charleston, OH, is employed by Sheffield Veterinary Clinic in London. She is practicing predominantly small animal with some large animal medicine.

Beth Evans, Erie, PA, is still practicing small animal medicine in Pennsylvania. The winters are very snowy, but the summers are great on the boat. She is dating an optometrist. Dr. Evans would be happy to hear from anyone.

Kelley Grueser, Pomeroy, OH, married Tamara (OSU '93-pharmacy) in 1994. They were expecting their first child in May.

Marybeth Hartwick, Concord, NH, is associated with the Russell Animal Hospital in Concord.

Nancy Irvine, Columbus, OH, is married to Craig Selby (OSU—DVM Class of 1998).

Caroline O'Dair, Redondo Bech, CA, is working at a three-veterinarian small animal practice in Palos Verdes. She says it is beautiful there and she is very happy with the hospital. Dr. O'Dair finished a one-year intensive internship at West LA Animal Hospital last July—a great experience.

Shawn M. Orczeck, Roaring Spring, PA, received a M.S. degree from Bowling Green State University in 1994.

Michael N. Romp, Wright Patterson AFB, OH, is married to Melora T. Hunt (OSU '95). He is in the Army Veterinary Corps and his wife is in a mixed animal private practice. They have a three-year-old son.

Joan M. Wright, Corvalis, OR, is working as a mixed animal practitioner in Oregon. She just bought a 1905 house—"please come visit!"

1995

Cheryl K. Beinhardt, Thornville, OH, is working at Masterson's Veterinary Clinic in Somerset. It is a mixed animal practice with a few exotics.

Dianne Carey, Londonderry, NH, is married to Glenn A. Carey.

Kathryn L. Clark, Casa Grande, AZ, is an associate at a mixed animal practice in south central Arizona.

Heather M. Fees, Los Angeles, CA, is completing a small animal medicine and surgery internship at the California Animal Hospital Department of Surgery. She is engaged to Thomas French from Columbus.

Anne J. Gemensky, Southfield, MI, is completing an internship with Michigan Veterinary Specialist.

Tony E. Good, Plain City, OH, is a staff veterinarian for Select Embryos Inc. He is married to Cara.

Michele Martosko, Pittsburgh, PA, is in a small animal and exotics 24-hour emergency care practice.

Philip Puskarich, Hopedale, OH, is working in a mixed animal practice at the Cadiz Animal Clinic.

Tracy (Streckfuss) Rauf, Federal Way, WA, is practicing in a three-veterinarian small animal clinic in Tacoma. She married one week after graduation then traveled around the Pacific for three months. They visited several countries—New Zealand, Australia, Bali, Indonesia, Singapore, Malaysia, Hong Kong and China—and had a wonderful time! They are now enjoying beautiful Washington.

Sarah D. Schug, Freeville, NY, is a small animal practitioner at the Country Veterinary Care Center in Lodi.

Carmela Spadafora, North Olmsted, OH, is currently practing small animal and exotic medicine at Country Squire Animal Hospital with Dr. David Boudouris (OSU '79).

Tracy Stanek-Krutel, Mansfield, OH, is married to David A. Krutel.

Tracy Waechter, Columbus, OH, wants to move to Oregon—"does anyone want an associate?"

Lynette Willman, Wauseon, OH, is working at Northwest Veterinary Hospital in a predominantly food animal position.

Anna Wince, Ashland, OH, is married and an associate in a mixed animal practice.

Amusing Anecdotes

Robert S. Legg, DVM '76, Coeur d'Alene, ID, wrote "I will never forget Dr. Lynn Schutt's response to Mrs. Jone's (set up) emergency call at 11:45 p.m. on our last night on emergency call. . . Yes, Lynn's solution was for 'Mrs. Jones' to throw cold water on the two amorous labs."

Steven Paul, DVM '81, Coral Springs, FL, wrote "A client with many animals called up just before closing saying that her dog T.D. had just bitten J.R. I told her to come right over and I'd take a look. When she came in with her son, and Bob Junior (aka J.R.) said to his mother, 'I told you we should have gone to the human hospital,' I knew it was too long of a day."

Class Personals

Name _____ Class Year_____

Address _____

_____

_____

_____

_____

_____

_____

_____

Return to: Editor, **The Speculum,** OSU College of Veterinary Medicine, 1900 Coffey Road, Columbus, OH 43210

Amusing Anecdotes

I wish to share with my colleagues the following funny and/or interesting story I remember from my time spent at the OSU College of Veterinary Medicine:

_____

_____

_____

_____

_____

_____

Name_____ Class Year _____

Obituaries

The Ohio State University College of Veterinary Medicine wishes to express its deepest sympathy to the families of the following alumni and friends:

Phillip N. Boehm, (DVM '62), age 57, of West Lafayette, Indiana, died July 20, 1995. An associate professor in the department of Veterinary Clinical Sciences at Purdue University, Dr. Boehm had served on the veterinary school faculty for more than 30 years. He worked with the ambulatory unit and taught swine disease classes. Dr. Boehm also was a consultant to the Indiana Boar Test Station and raised Angus cattle. Memorial contributions may be made to the Purdue Foundation, c/o SVM Development Office, 1230 South Campus Courts, Bldg. A, West Lafayette, IN 47907-1230.

William F. Busch, (DVM '79), age 43, of Bainbridge Island, Washington, died August 7, 1995. After moving to Washington, Dr. Busch worked as a veterinarian for four years in the Kitsap area. He most recently owned a small animal hospital on Bainbridge Island and managed an emergency practice in Kirkland, Washington. Dr. Busch was the son of Dr. Carl Busch (DVM '50) of Alliance, Ohio.

Lloyd C. Ferguson, (DVM '34), age 83, of East Lansing, Michigan, died May 12, 1996. From 1968 until his retirement in 1976, Dr. Ferguson was professor and chairman of the Department of Veterinary Science at the Ohio Agricultural Research and Development Center at Wooster. Much of his research involved brucellosis and leptospirosis. Contributions may be made to: Heifer Project International, P.O. Box 767, Goshen, IN 46527, or to the Ferguson Scholarship Fund in Veterinary Microbiology, The Ohio State University, 101 Sisson Hall, 1900 Coffey Road, Columbus, OH 43210-1092.

Frank Gilbert Hamilton, (DVM '40), age 80, of Austin, Texas, died December 11, 1995. After graduating from OSU, Dr. Hamilton was employed by the Federal Governmental Animal Inspection and Quarantine Division.

Thomas Liggett, (DVM '44), of Lisbon, Ohio, died May 22, 1996 of a heart attack. Dr. Liggett served on the OSU College of Veterinary Medicine Admissions Committee and just completed a five-year term on the Ohio Veterinary Medical Licensing Board.

Max E. McElroy (DVM '56), age 69, of Westlake, California, died August 10, 1995. He owned a small animal practice in Sherman Oaks, California.

Burnley W. McTyre (DVM '46), age 70, of South Hill, Virginia, died March 21, 1994. He had retired from practice in 1975.

Paul J. Myers (DVM '51), age 72, of Winter Haven, Florida, died November 16, 1995. He was a retired small animal practitioner.

Roy E. Nichols (MS '34 and PhD '41), age 86, of Madison, Wisconsin, died May 9, 1996. Dr. Nichols was an instructor at OSU from 1934-1941; later was dean at Washington State University; and then a professor at the University of Wisconsin-Madison.

Irvin Reed (MS '35) died December 6, 1995.

Greg Reichel (DVM '91), age 31, of Waterville, Ohio, died October 21, 1995. He was a small animal practitioner.

Sherman D. Sachs (DVM '43), age 77, of Sarasota, Florida, died September 8, 1995. Dr. Sachs operated a private practice in Brecksville, Ohio, and later taught laboratory animal medicine at the Case Western Reserve University Medical School. He was retired.

Frank M. Schwarm (DVM '40), age 78, of St. Paris, Ohio, died on June 24, 1996 at his residence. He served for over 50 years as a veterinarian in the St. Paris area. Memorial contributions may be made to the charity of your choice.

C. Romie Schumaker (DVM '83), age 38, of Pataskala, Ohio, died on July 4, 1996 as a result of an auto accident while in Kentucky. Dr. Schumaker's wife and son also died in this tragic accident. He was co-owner of the Countryside Veterinary Clinic in Westerville. Contributions and memorials requested to M.A.D.D.

Floyd A. Vollmer (DVM '36), of Quincy, Illinois, died March 29, 1996.

John Weimer, (DVM '50), of Buckhannon, WV, died in February, 1995.

J. Christine Whitehead, (DVM '82), age 38, of Lewiston, North Carolina, died October 28, 1995.

Attention: OSU Veterinary Medicine Alumni Society Members

Be sure to attend the Annual Alumni Meeting on September 20-21, 1996. Complete and return registration materials sent to all alumni in July.

Annual Meeting
Veterinary Medicine Alumni Society

Friday, September 20, 1996

Ramada University Hotel
3110 Olentangy River Road, Columbus

5:30 p.m.	Hospitality Hour
6:30 p.m.	Banquet Dinner & Speaker
8:30 p.m.	Auction
9:30 p.m.	Class Photos & Reunions Classes of 1946, 1951, 1956, 1966, 1971, 1976, 1986

Saturday, September 21, 1996

OSU College of Veterinary Medicine

8:00 a.m.	Veterinary Hospital & Practice Management Continuing Education
9:00 a.m.	Dedication and Tours of the Galbreath Equine Center
10:30 a.m.	Hospitality Hour and Barbecue
12:30 p.m.	OSU vs. Pittsburgh Football Game

College of Veterinary Medicine
The Ohio State University
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