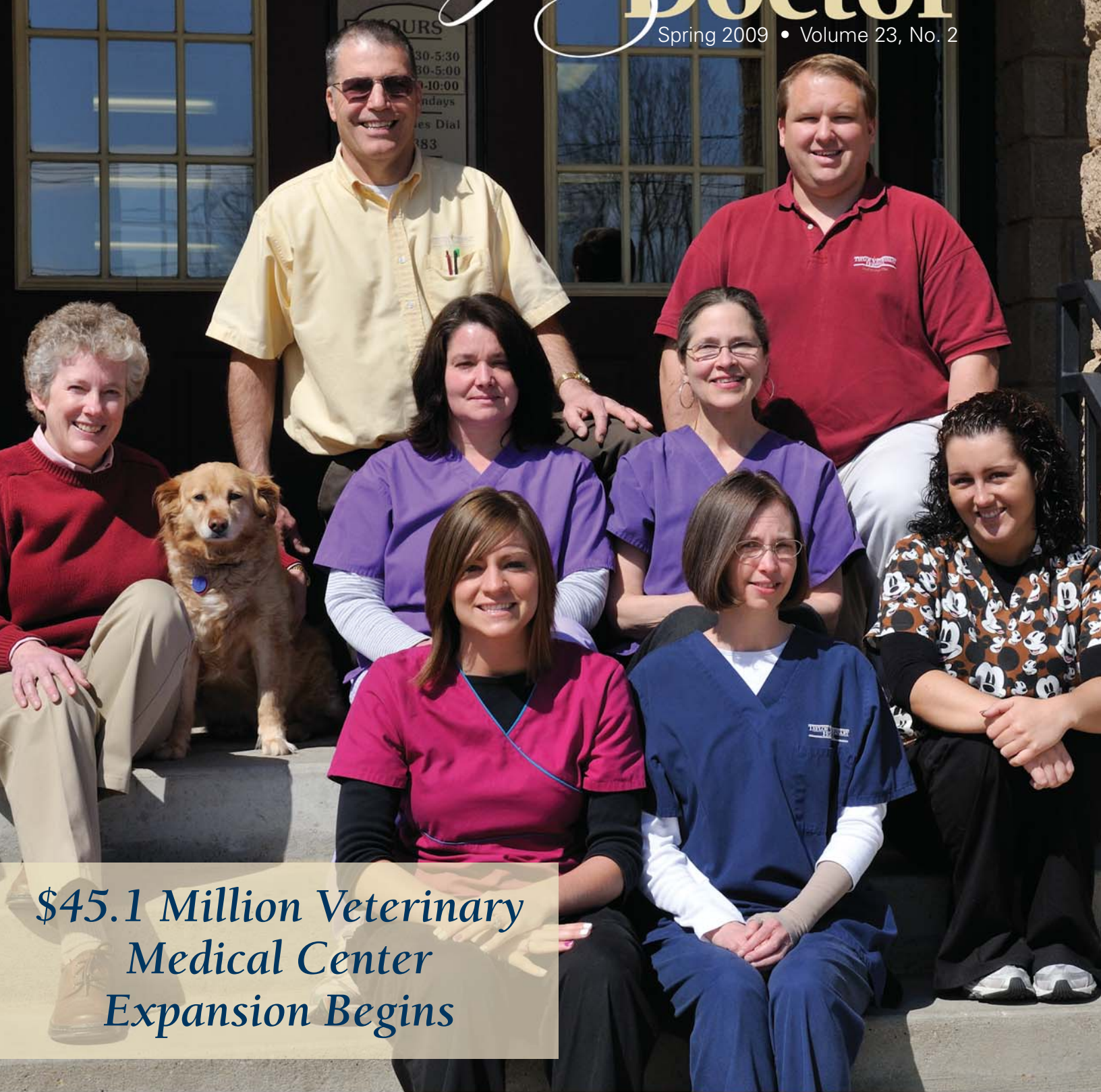


# *gentle* Doctor

Spring 2009 • Volume 23, No. 2



*\$45.1 Million Veterinary  
Medical Center  
Expansion Begins*

# A Tradition Continues



# CONTENTS

## FEATURES

- 4 | Built to Last:  
The evolution of  
a century-old  
veterinary hospital
- 6 | Cat Scans: A look at  
nuclear scintigraphy
- 7 | Leadership in Action:  
Making an impact in  
the laboratory
- 8 | Accidental Rescuers

## IN EVERY ISSUE

- 3 | Message from the Dean
- 13 | News
- 15 | In Memoriam



Photo/Tracy Ann Raef

## ON THE COVER

Top row, from left: Dr. Jim Taylor, Dr. Chad Smith. Middle row, from left: Pam Taylor, Cassie, Rhonda Engleman, Cheryl McGuire, Carmen Miller. Bottom row, from left: Katie Schmitz, Shelly Cornwell. See story on page 4.

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# gentle Doctor

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# One Medicine/ One health



## Healthy Animals • Healthy People • Healthy Planet

At this writing, the world is focused on what could be the start of a flu pandemic. The relationship of animal and human health is being noted in headlines all around the globe and veterinary and human medicine are truly being tested in how best to meet the challenges posed by this new health threat.

Iowa leads the nation in pork and egg production and our Veterinary Diagnostic Laboratory (VDL) has one of the highest food-animal caseloads of any diagnostic lab in the country. We are a major part of the surveillance infrastructure for animal agriculture in the United States.

The VDL processes approximately 35,000 cases annually, contributing to the diagnosis prevention, control and eradication of animal diseases. It is a key contributor to national animal health surveillance programs, such as the influenza A/H1N1 project recently started by the USDA and Centers for Disease Control and Prevention.

Dr. K. J. Yoon, professor in veterinary diagnostic and production animal medicine, and his team are sequencing a large stockpile of swine influenza viruses to determine if the novel H1N1 virus is present in our swine population. He is developing a PCR test that will differentiate the new virus strain from other strains of swine influenza viruses which have been circulating in Iowa pig herds.

The strong diagnostic infrastructure in our college links research scientists and diagnosticians working side-by-side with faculty who are totally engaged with the livestock industry, making us a unique resource for maintaining the health and well-being of animals, humans and our planet.

The challenges we are facing today will be compounded in the future. With world population forecasted to top 10 billion by mid-century, the intensification of animal production that will be required to meet the demand for food, plus a growing companion animal population, will present new and even greater challenges to our profession and to society.

Challenges like the new flu strain can only be met by addressing animal and human health in a scientific manner, through evidence- and outcomes-based medicine, and practicing One Medicine.

Thank you for all you do for the college!

*John U. Thomson*

Dr. John U. Thomson, Dean



For Dr. Bacon it was an easy choice to focus on small animals. Although his father was the local large animal practitioner, the younger Dr. Bacon did not want to work with large animals, so

# BUILT TO LAST

he established a small animal hospital in Cedar Falls, Iowa, in 1917. It is Iowa's oldest, continuously operating small animal hospital. For nearly a century, three veterinarian-owners have successfully carried on its legacy.

The original building was a printing company built in 1875 that was remodeled into Dr. Bacon's home and veterinary clinic. The living room doubled as a waiting room. A building originally used as the kennel was moved onto the same lot in 1917 and set on concrete blocks. Dr. Bacon continued to own the Cedar Falls hospital until 1943 when he sold it to Dr. Lloyd Boxwell ('40). In 1981, Dr. Jim Taylor ('72) purchased the practice from Dr. Boxwell.

Dr. Jim Taylor in one of four exam rooms in the veterinary hospital. An avid train collector, Dr. Taylor personalized his exam room with a suspended G-scale railroad and other train memorabilia. *Photo/Tracy Ann Raef*

It was Dr. Boxwell who made the first renovations, when in 1943 he placed a basement under the kennel building which was still sitting on concrete blocks. “Everything in the older sections was constructed with square nails,” Dr. Taylor said. In 1948 Dr. Boxwell then added an office, exam room and surgery space

“I’ve been in practice 37 years, and I still have fun every day.”

There is a large reception area and four examination rooms. “Each exam room was designed exactly alike with the equipment located in the same place so doctors can comfortably use any exam room and know where all the equipment is located,” Dr. Taylor said. “But, each veterinarian has personalized his or her primary exam room.”

## THE EVOLUTION OF A CENTURY-OLD VETERINARY HOSPITAL

attached to the kennel building and increased the size of the kennel area. When Dr. Taylor bought the practice, he learned about a surprising renovation. “Dr. Boxwell didn’t like to walk outside, so when he built an unattached garage in 1951 he built a tunnel from the garage to the basement

“It is Iowa’s oldest continuously operating small animal hospital.”

of the veterinary hospital. From that basement, he constructed another tunnel that connected it to the basement of the house.” The tunnels were built by hand and are 4’ wide and 6’8” inches tall. “We still have the tunnel that goes from the garage to the hospital, but the other tunnel was destroyed when

we built an addition to the hospital in 1991. The 1991 addition required the removal of the original home of Dr. Bacon and Dr. Boxwell and a smaller house next to it. This area became our present parking lot. We added a large two-story addition to the original buildings so we have preserved a

large part of the original physical plant.”

A model of the original building

sits in the hospital. Pam Taylor commissioned the model to help preserve the history of the hospital.

Today the veterinary hospital has 6,000 square feet of space. It has an isolation area in the lower level, and a separate kennel space for boarding and hospital patients.

As it was in 1917, the practice is still exclusively devoted to small animal medicine, with 90 percent dogs and cats and 10 percent exotics. The hospital has two full-time veterinarians, Drs. Taylor and Chad Smith (’00). Dr. Elizabeth Bixby (’95) works part-time.

“I’ve been in practice 37 years, and I still have fun every day,” Dr. Taylor said. “Having a hospital administrator who is a CPA allows me and our other doctors to focus on caring for our patients. I really enjoy our clients and the hospital staff. We’ve adopted the attitude that if it walks or is carried in the door, we’ll fix it,” Dr. Taylor said. “It keeps us on our toes.”



## CAT SCANS: A LOOK AT

# Nuclear Scintigraphy



*Dr. Kristina Miles injects a radiopharmaceutical (Isotope Technetium-99m) into the catheter of the anesthetized cat that lies on a table in front of a gamma camera. The isotope emits gamma radiation that is detected by the camera. As the isotope enters the bloodstream, a series of dynamically collected images appear on the computer screen showing glomerular filtration through the cat's kidneys. In 10 minutes, a second radiopharmaceutical will be administered to provide evaluation of the thyroid glands. The amount of isotope uptake (identified as a "hot spot") aids in assessment of function of these organs. Photo/Tracy Ann Raef*


Nuclear Scintigraphy is one of the most recently updated advanced imaging options available at the Dr. W. Eugene and Linda Lloyd Veterinary Medical Center (LVMC). This noninvasive imaging technique reveals metabolic activity of soft tissues or bone. It is often used to evaluate the function of the kidneys, thyroid and portosystemic shunts, as well as evaluating tumors.

Nuclear Scintigraphy is also used to evaluate the musculoskeletal system of both large and small animal patients; thus the common use of the term

"bone scan." During bone scintigraphy, imaging begins two hours after isotope injection to allow the radionuclide to accumulate at sites of exposed hydroxyapatite crystals, the inorganic matrix of bones. Bone scans are highly sensitive for early disease detection and are typically used to diagnose lameness in sedated horses.

"The isotope Technetium-99m has a short, six-hour half-life so patients undergoing the procedure can be released the next day," said Dr. Miles, board-certified radiologist at the LVMC. Because nuclear medicine

involves radioactive materials, many precautions are taken to protect the patient, radiologist and technologists, and to properly dispose of waste materials produced during the procedure. The radiologist and technologists performing nuclear medicine procedures have been specially trained in the safe handling and proper use of radiopharmaceuticals.

For more information about nuclear scintigraphy, contact the Lloyd Veterinary Medical Center at (515) 294-4900. 

# Leadership in Action

Making an impact in the laboratory



Dr. Lorraine Hoffman (right) with Cy and her family.

Summarizing 34 years of service is no small feat. But those who know Dr. Lorraine Hoffman describe her career in three words: “Making a difference.”

Dr. Hoffman retired from the College of Veterinary Medicine on April 1, 2009. Her entire career was spent in the Veterinary Diagnostic Laboratory, three years as director of operations (2006-2009) and 31 years as section leader of bacteriology (1975-2006).

Dr. Hoffman’s career was largely devoted to professional practice with specific focus on providing credible and timely diagnostic service to the veterinarians throughout Iowa and the nation, developing and implementing state-of-the-art classical and molecular tests for diagnosing livestock diseases, and conducting infectious disease research that benefited the production animal industries, worldwide. Another commitment of major impact was her involvement in mentoring and training veterinary, graduate, and undergraduate students for successful careers and lives. As VDL director of operations during the past three years, one of Dr. Hoffman’s primary responsibilities was to provide leadership for a rigorous laboratory accreditation process which was successfully completed in early 2009. She also created opportunities for many faculty and staff, as well as developing new programs within the laboratory during her tenure as director. “I was able to apply my values and goals of quality service, team-building and positive attitudes on a much broader scale as director of the VDL. I am proud and deeply humbled to have had that opportunity,” said Dr. Hoffman.

There were significant changes in the world of diagnostics during Dr. Hoffman’s tenure – livestock industries changed, old diseases were eradicated, new diseases were discovered, molecular technology became commonplace, electronic communication of results and data-mining processes were instituted, and numbers and expectations of clients increased to a high level of sophistication. Recent impacts cited by Dr. Hoffman are newly developed techniques including real-time PCR and microarray technology; ELISA based antigen and antibody detection; and immunohistochemistry; which have enhanced the speed, specificity, sensitivity and quantitative level of laboratory testing that the client requires. Another area of high impact and change relates to advancement in computer applications. Dr. Hoffman said, “During my tenure at the VDL, electronic and computer technology has impacted all aspects of business, technical and laboratory management. We can provide laboratory results through highly secured WebReports, e-mail and fax, as well as

“ Dr. Hoffman has been a truly outstanding faculty member in the ISU College of Veterinary Medicine. ”

electronic submission forms and data tracking or retrieval that are specific to the needs of the client.”

Having chosen a career in science at a time when men dominated the field, Dr. Hoffman has served as a role model and mentor to women at the university. She has worked with the ISU Women in Science and Engineering Program since its inception over 20 years ago, and has been a mentor and adviser to a myriad of students, especially women seeking advice on balancing careers and families.

“I have had the pleasure to work very closely with Dr. Lorraine Hoffman for the last 18 years here at the ISU College of Veterinary Medicine,” said Dr. Pat Halbur, chair of the Department of

Veterinary Diagnostic and Production Animal Medicine. “Dr. Hoffman has been a truly outstanding faculty member, a remarkable departmental, college and university citizen, a national leader in her area of specialization in veterinary microbiology, a tireless mentor for veterinary students and particularly female students, a highly effective mentor for young female faculty members, and a very active member of her local community.”

Dr. Hoffman came to the VDL as a research associate and bacteriologist in 1968, after earning her MS degree. She returned to the the VDL as a faculty member in 1975 and

held the rank of professor in veterinary diagnostic and production animal medicine at the end of her career. Dr. Hoffman is a member of numerous professional organizations and societies, including the American Association of Veterinary Laboratory Diagnosticians where she served in leadership positions for over 30 years. She currently serves on the executive board of that organization. In 2006, she was honored with the William P. Switzer Award in Veterinary Medicine for her significant contributions to society and veterinary medicine.

*Dr. Hoffman received her bachelor’s degree (1964) from Wartburg College, and her master’s (1968) and doctoral (1974) degrees from Iowa State University. She is an honorary diplomate of the American College of Veterinary Microbiologists. ☑*

# Accidental Rescuers

*The evening starts with a cacophony of barks, yaps and whines. It's mealtime at the Waggoners. Nine Chihuahuas of various sizes, ages, and temperaments gather round as David and Kathleen set out their food, each dish in its own place. It's a far different environment than many of these little companion animals had previously known.*



The Ames couple didn't set out to become "rescuers," but with soft hearts for four-legged creatures in need, they found themselves providing a comfortable home for homeless, neglected, and otherwise disadvantaged Chihuahuas.

One of the first Chihuahuas adopted by the Waggoners came from an unlikely source—their German Shepherd Loki.

David Waggoner, an emeritus faculty member from Iowa State University's theater program, was jogging with his dog, Loki, when the dog found a Chihuahua in the ditch, near death. David took the Chihuahua home and nursed the dog, Christopher (whose age the Waggoners were never quite sure), back to health. Christopher lived with the Waggoners for five years and had a safe and loving life.

But not all of the pets were found by Loki. "We adopted two Chihuahuas, Jeffrey and Angel, from a shelter the day they were scheduled to be euthanized," said Kathleen, an adjunct associate professor in Iowa State's Departments of Sociology and Political Science. "In some cases, breeders or veterinarians who needed a home for some Chihuahuas have contacted us and we happily agreed to adopt. "I remember when our numbers were increasing, Dr. Sue O'Brien, community practice veterinarian at the college, asked simply "Why?" Our response was "Why not?"

The Waggoners reached the limit of companion animals when the count reached 10. "They all need individual attention as well as medical care and that's the number we can adequately care for at one time," Kathleen said. Each year the Waggoners spend thousands of dollars for veterinary care for the Chihuahuas. "Our costs have been as high as \$8,000 per year and \$14,000 in 2008, including prescription dog food and medications."

The couple has been bringing its companion animals to the



Dr. W. Eugene and Linda Lloyd Veterinary Medical Center since the mid-1980s. “Dr. Mary Ann Nieves, former hospital director, was our first veterinarian at the VMC,” Kathleen said. “We have always had great support and care from the clinicians. We go to the VMC’s community practice veterinarians and it’s comforting to know that the veterinary specialists are there in case our special creatures need advanced care.”

Intent on providing the best care possible, the Waggoners pay close attention to the dogs and notice when something isn’t quite right. “When you are around them a lot, you notice if something is off,” Kathleen said. “Each of them is individual and has its own idiosyncrasies. Suzie, for example, pulls out toys and puts them away, and she likes to have her chin scratched. All of them recognize their names.”

“One year,” David said, “we brought eight of the dogs to the hospital at the same time for annual physicals and vaccinations. Several students helped take care of them in addition to Dr. O’Brien.”

Although caring for so many of these little guys can be hard on the wallet, Kathleen says, “We are the richest people in Story County. These little creatures enrich our lives beyond measure.”

Having companion animals also involves saying goodbye to them, something the Waggoners’ have done many times over the years, most recently this past January. “I have grieved for many and I always become teary-eyed when looking at their pictures and remembering something heartwarming that they used to do,” Kathleen said. “We all know that time heals, but my greatest fear is that time will minimize the loss. But I remind myself that will happen only if I forget.”

For those who know the Waggoners and their compassion toward animals, it’s doubtful that they will ever forget those little creatures who make their house a home. 🐾

“We are the **richest people** in Story County. These little creatures **enrich our lives** beyond measure.”





(immunobiology) from Iowa State University. He is board-certified by the American College of Veterinary Internal Medicine.

His research expertise in the area of small animal gastroenterology is internationally recognized. In 2004, he became an NIH-Mentored Clinical Scientist. Since 2004, he has been a working member of the Gastrointestinal Histology Standardization Group for the World Small Animal Veterinary Association.

In addition to his NIH-funded research, Dr. Jergens is presently funded through grants from the Crohn's and

education seminars in the United States and Europe. While at Iowa State University, Dr. Jergens has received many teaching awards, including the Norden Distinguished Teaching Award in 1990 and the 1995 Student Chapter of the AVMA Teaching Award for Teaching Excellence in Clinical Sciences. In 2005, he was named as a Center for Teaching Excellence Miller Fellow. He has served on several committees for the American College of Veterinary Internal Medicine, including its Board of Regents from 2005 to 2008. He is also a scientific reviewer for several publications including the *Journal of the American Veterinary Medical Association*, *American Journal of Veterinary Research*, *Journal of Veterinary Internal Medicine*, and

# Jergens Named Outstanding Alumni

by Texas A&M University

Dr. Al Jergens, professor of Veterinary Clinical Sciences at Iowa State University, was named one of five outstanding alumni by the College of Veterinary Medicine and Biomedical Sciences at Texas A&M University. The award was presented on April 3 at the Miramont Country Club in Bryan, Texas, and recognizes alumni whose contributions to veterinary medicine are a credit to the college both nationally and internationally.

“I worked with Dr. Jergens when he was a resident at the University of Missouri and

have followed his career since,” said Dr. Eleanor Green, dean of the veterinary college at Texas A&M University. “He has excelled as a board-certified specialist in internal medicine, as a clinician scientist, and as an educator. He serves as an example of how one can give so much to his profession, while giving even more to his family and community. Texas A&M University is very proud of Dr. Jergens.”

Dr. Jergens received his BS and DVM from Texas A&M University and his MS (veterinary pathology) and PhD

Colitis Foundation of America, American Kennel Club, Waltham Pet Foods, and the Comparative Gastroenterology Society. His over-arching research emphasis is on mucosal immunology, murine models of intestinal inflammation, and inflammatory bowel diseases in the dog and cat.

Dr. Jergens has authored and co-authored over 160 articles, abstracts, and textbook chapters, and is a frequent guest lecturer at veterinary conferences and continuing

*Journal of the American Animal Hospital Association.*

Prior to joining the faculty at Iowa State, Dr. Jergens was a clinical assistant professor at the School of Veterinary Medicine at Tufts University and a staff internist at Angell Memorial Animal Hospital in Boston. He completed his residency in small animal internal medicine at the University of Missouri-Columbia. Early in his career, Dr. Jergens was a small animal practitioner in Houston, Texas. 📍

# From the Development Director's Chair



As we review this past fiscal year I'm grateful to our alumni and friends who have supported us. Our development team has been privileged to meet many of you at our alumni receptions at North American Veterinary Conference, Western States Conference, AVMA, IVMA, and at many of the state and regional receptions that we have hosted. Our team, Shane Jacobson, Kris Walker, and I, is deeply grateful for the warm reception we get all across the country from all of you.

I continue to be impressed by the dedication of Iowa State alums to the veterinary profession. Shane Jacobson, along with our regional development team, members of the ISU foundation staff, and I have been making personal visits and thanking donors as we continue to look for assistance in our four main college fund-raising areas (capital projects, scholarships, programs, and faculty).

Our Phase 1 (large animal addition) has brought many opportunities to raise awareness about the great work and research that goes on at the college. Our alumni are impressed to learn about the research our faculty and clinicians are conducting that is making life better for animals and people. We are fortunate to have a great faculty and staff who are willing to take time to share their work with alumni and friends of the college.

I was fortunate to meet many of the students during our scholarship awards event on April 13. The joy on their faces and on our donors faces as they meet the students or read the great thank-you letters they provide was very gratifying. Your gifts are making a significant difference in the college and the lives of our students.

As we wind down our academic and fiscal year I am pleased to share with you that we have reached 90 percent of our fund-raising goal for the fiscal year ending June 30, 2009. As of April 1 we were at \$5.6 million of our stated goal of \$6.25 million. Many of our donors have found a number of ways to give back to the college and help us work toward our \$41 million campaign goal to be completed by Dec. 31, 2010. Some of these gifts are pledges (including payroll deductions), gifts-in-kind, real estate, securities, IRA rollovers, bequests, retirement plan assets, charitable remainder trusts, charitable gift annuities, matching gifts from their employers, and cash gifts. These different ways to give provide options that work best for the individual financial situations each donor faces.

As we prepare for Phase 2 (small animal renovation) we look forward to your continued support. When we achieve our goal, it's because many people like you felt a connection to the College of Veterinary Medicine and responded by giving. Thank you and please let us know if we can assist you in any way to make your mark and make a difference at the college.

In closing, I'd like to thank Pat Pendry for her years of service to the college. Pat retired this spring after serving as the development secretary. Dr. Frank Ramsey hired her in 1987 when he started the college's first campaign challenge. We wish Pat the best.

Best regards,

A handwritten signature in black ink that reads "Jeff Spielman". The signature is written in a cursive, flowing style.

Jeff Spielman, Senior Development Officer  
(515) 294-8562; Spielman@iastate.edu

# Q&A with Dr. Rodger Main, Director of the ISU Veterinary Diagnostic Laboratory



## Q. What attracted you to the position of VDL Director of Operations?

**A.** I've always had a strong appreciation for the role the diagnostic laboratory plays in food-supply medicine and food-animal agriculture. A sound veterinary diagnostic laboratory is the foundation for quality, evidence-based medicine, and an essential knowledge partner with the veterinarians and producers it serves.

I have a great deal of respect for the leadership and direction of Iowa State's College of Veterinary Medicine. The college has been in the process of positioning itself as the preeminent center of excellence in food-supply medicine. The chance to play a leadership role with this team seemed like an exciting opportunity to broaden my personal contribution to food-animal medicine and food-animal agriculture.

## Q. Any surprises in your first few weeks on the job?

**A.** In general, I would say there have been few surprises. Although the VDL is a vastly different technical arena and business model than my previous role, the basic principles of leading teams of talented people and managing a large organization are extremely similar.

## Q. What's new in terms of service or tests at the VDL?

**A.** Oral-fluid testing is a new diagnostic technology that has been developed by a team of researchers (Dr. Jeff Zimmerman and his graduate student John Prickett) at the VDL. This is a population-based health monitoring technology proving to be a user-friendly and cost-effective means to sample large numbers of growing pigs. It involves placing cotton

ropes hung in 4 to 6 pens per room or barn of pigs. Pigs within the pen are naturally drawn to chew on the rope, and the saliva material is subsequently squeezed from the absorbent rope and submitted to the laboratory. At the present time, oral-fluid testing is being used to identify the presence of PRRSV, SIV, and PCV2 circulating within populations of growing pigs.

## Q. What challenges do you foresee for the future of the VDL?

**A.** The VDL is not immune to the financial realities affecting our state and stakeholders in food-animal agriculture. Financial stressors cause the need for change and innovation. Learning to adapt to the changing world around us is a necessary trait for any entity to survive and ultimately thrive. The VDL is well-positioned with a talented and driven team of people to adapt and overcome the challenges ahead.

## Q. With several veterinary diagnostic laboratories in the region, how does the VDL at ISU set itself apart from the others?

**A.** The VDL has a long history of excellence in food-animal diagnostic services. In the past 12 to 24 months there has been significant investment in both human capital and diagnostic instrumentation aimed toward elevating the ISU-VDL's capabilities and service to its stakeholders. These investments in both high-quality diagnostic faculty and staff with a sincere and vested interest in food-supply medicine, along with upgrading diagnostic instrumentation capabilities will help ensure that the VDL is positioned for preeminence in food-supply diagnostic medicine well into the future.

## Q. In your first 100 days on the job, what do you hope to accomplish? Six months?


**A.** The first course of action is simply to become orientated with the role, people, processes, and internal operations of the VDL. We have a tremendous team of people that has made the transition go very smoothly. Drs. Pat Halbur and Lorraine Hoffman have been extremely helpful in getting me pointed

in the right direction. We are finalizing the VDL strategic plan and budget for the next fiscal year which begins July 1. I am a strong believer in seeking quantifiable input from both internal (VDL faculty and staff) and external (practitioners and producers) stakeholders as a means of identifying opportunities for improvement. Thus, one of the first items on the agenda is to survey the VDL employees, clients, and potential clients as means of plotting a path toward continual improvement.

## Q. How important are diagnostics to the practitioner?

**A.** Quality, evidence-based medicine starts with attaining an accurate diagnosis. The diagnostic laboratory plays an essential role in providing practicing veterinarians timely and accurate diagnostic information. Quality diagnostic services provide the practitioner with the data needed to make fact-based decisions. I see the diagnostic lab as a remotely located extension of their practice aimed at providing them with cost-effective access to world-class diagnostic technology and service.

## Q. When a new disease is identified, what and how does the VDL gear up to develop diagnostic test(s) to detect it?

**A.** VDL diagnosticians and researchers are continuously developing new and improved diagnostic tests for both existing and emerging diseases. The expansion in molecular diagnostic test offerings (PCR-based diagnostics) is the best example. Molecular diagnostics offer the advantages of both speed and specificity compared to many of the traditional methods of viral isolation or bacterial culture. The VDL is well-positioned to ensure ongoing growth and leadership in this area. 

Dr. Main is a 1996 graduate of the Iowa State University College of Veterinary Medicine. He received his PhD from Kansas State University in 2005. Prior to joining the VDL team, Dr. Main was director of production systems for Murphy-Brown Western Operations.



Five Iowa State University veterinary students won scholarships for their presentations during the 2009 Student Seminar competition at the annual meeting of the American Association of Swine Veterinarians. Pictured in the front row (from left) is **Emily McDowell (VM2)**, **Joe Bender (VM3)**, and **Peter Lasley (VM1)**; back row (from left) is **Jess Waddell (VM3)** and **Brent Carmichael (VM2)** who was selected as “Top Student Presenter” during the competition. *Photo/Tracy Ann Raef*

## AASV Honors ISU Faculty & Students

Faculty and students from Iowa State University’s College of Veterinary Medicine received awards and scholarships during the annual meeting of the American Association of Swine Veterinarians (AASV) held March 7-10, in Dallas, Texas.

### Student Scholarships

**Brent Carmichael**, VM2, earned a \$5,000 scholarship as the “top student presenter” during the AASV Student Seminar. It was the first time an Iowa State student won the coveted title.

Brent’s project was: Precolostral piglet blood sampling procedure, when a PRRSV-positive sow herd is being monitored for time-to-negative interval.

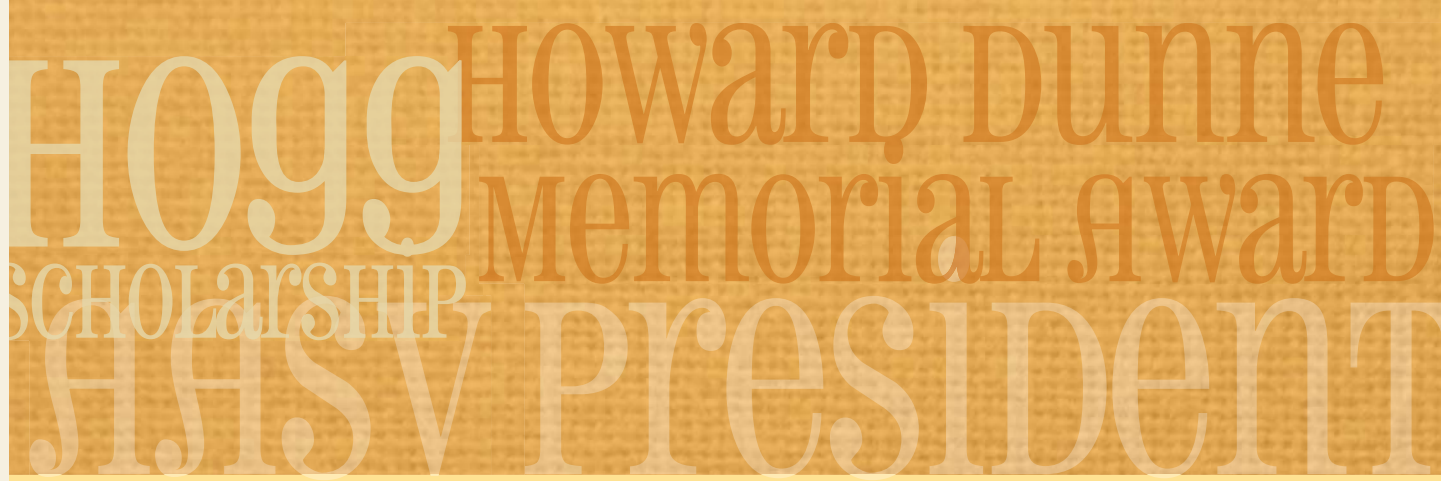
“Competing in the AASV student seminar taught me many new skills,” Brent said. “I had not written a scientific paper before this project so I learned how to research journal articles for information on PRRSV. Drafting the paper taught me how to write in a scientific structure, accept constructive criticism, and prepare an abstract. Preparation for the oral presentation was about taking the written material, condensing it down, and preparing to walk the audience through the subject.”

Receiving \$2,500 scholarships during the student seminar competition were: **Joe Bender**, VM3, and **Peter Lasley**, VM1. **Jess Waddell**, VM3, earned a \$1,500 scholarship for his presentation and **Emily McDowell**, VM2, received a \$500 scholarship.

Forty-six veterinary students representing 17 universities submitted abstracts for consideration. From those submissions, fifteen students were selected to present during the Student Seminar.

### Hogg Scholarship

Dr. Phil Gauger was named the 2009 recipient of the AASV Foundation Hogg Scholarship. Established in 2008, the scholarship is named for Dr. Alex Hogg, who was a leader in swine medicine and pursued a master’s degree in veterinary pathology after 20 years in a



mixed-animal practice. The scholarship, in the amount of \$10,000, is awarded annually to an AASV member who has been accepted into a qualified graduate program to further his or her education after years as a swine practitioner.

Dr. Gauger is a clinician in the Department of Veterinary Diagnostic and Production Animal Medicine. He is pursuing a PhD in veterinary microbiology at Iowa State. Dr. Gauger received his DVM degree (1994) and MS (2008) from Iowa State University.

## Howard Dunne Memorial Award

Dr. Kent J. Schwartz was honored with the 2009 Howard Dunne Memorial Award which recognizes an AASV member who has made important contributions and provided outstanding service to the association and the swine industry.

Since 1989, Dr. Schwartz has been a veterinary diagnostician at Iowa State University's Veterinary Diagnostic Laboratory in Ames, Iowa. Each year he reviews 2,500 submissions from veterinarians, providing test results interpretation and consultation. He also instructs and mentors fourth-year veterinary students, conducts field investigations and research, and continuing education.

As part of his outreach and service to the pork industry, Dr. Schwartz has published numerous audio/visual educational materials including an AASV necropsy guide and video, the Swine Disease Manual, and a Purdue Pork Industry Handbook. He has authored over 75 articles and proceedings and papers in veterinary and producer publications. Dr. Schwartz is a frequent guest speaker at local, state, national and international meetings on swine health and production. He is also a principal investigator on numerous research projects on swine health and diseases.

Prior to joining the staff at Iowa State University, Dr. Schwartz was the research director for Team Associates in Story City, Iowa, where he provided study design, implementation plans and final investigator reports for commercial companies and other agencies until 2005.

Dr. Schwartz is a district director representing Iowa on the AASV Board of Directors, and is a member of the AASV Swine Health Committee. He received his DVM (1978) and MS (1987) degrees from Iowa State University.

## Howard Dunne Memorial Lecture

Dr. John U. Thomson, dean of the college, delivered the prestigious Howard Dunne Memorial Lecture, the keynote address of the AASV annual meeting.

"For a secure future, swine veterinarians must remain a recognized and valued resource for the production of safe, affordable and available pork," said Dr. Thomson during the lecture.


"Swine veterinarians must take a leadership role toward continuous improvement," he said. "It will be critical for them to establish the best practices of production that meet or exceed society's expectations associated with public health, animal welfare and the environment."

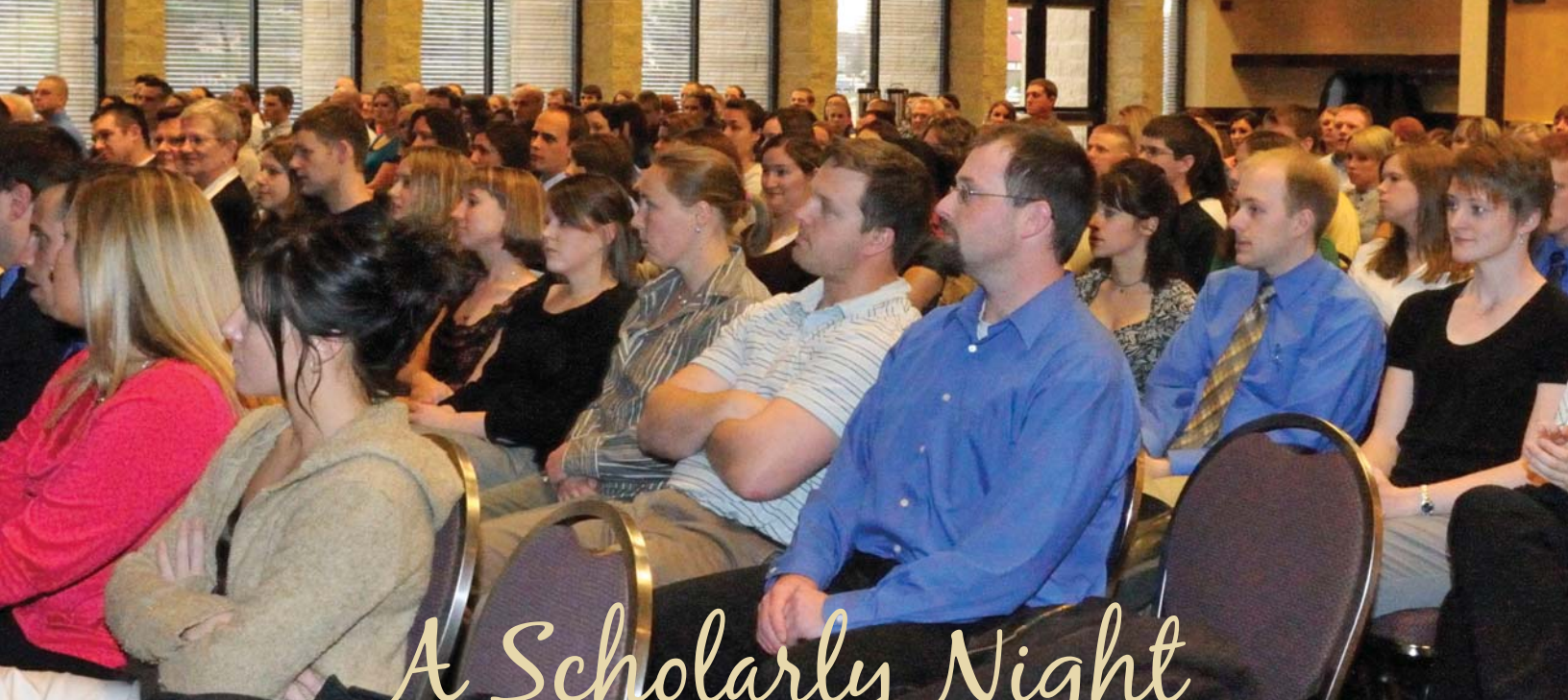
Dr. Thomson received his DVM from Iowa State University in 1967. For 20 years after graduation, he was a private practitioner in Iowa. Since 2004 he has served as the dean of the veterinary college at Iowa State. He serves on the Association of American Veterinary Medical Colleges board and the University of Iowa College of Public Health board. He is also a member of the American Veterinary Medical Association's Animal Agriculture Liaison Committee. He was selected as "Veterinarian of the Year" in South Dakota, Mississippi and Iowa.

## AASV President

Dr. Rodney "Butch" Baker was installed as the 40th president of the AASV. Dr. Baker is a senior clinician in the Food Supply Veterinary Medicine Unit at Iowa State University's College of Veterinary Medicine.

A member of the AASV since he graduated from Auburn University in 1978, Dr. Baker credits the association's educational opportunities and mentoring as the most rewarding aspects of his 30-year career in veterinary medicine.

During his term, Dr. Baker plans to focus the membership on political activism and publicity management by encouraging grass-roots leadership on issues facing the swine industry. He has a strong interest in delivering evidence-based solutions from medicine to politics. 



# A Scholarly Night

Photo/Tracy Ann Raef

Over 130 veterinary students and 65 guests attended the 2009 Student Awards and Reception. Dr. Joe Haynes, awards committee chair, announced the 182 student scholarships given to VM1s, VM2s and VM3s that totaled over \$285,640. Sixty-seven individuals provided 144 of those scholarships. Speaking to the

students gathered at the reception, Dr. Thomson said, "Congratulations for what you have accomplished so far and what you will accomplish in the future." He also thanked the donors for their outstanding support of the college's scholarship program. "We are very thankful for your continued support," Dr. Thomson said.

## In Memoriam

The Iowa State University College of Veterinary Medicine wishes to express its heartfelt sympathy and condolences to the families and friends of the following alumni.

### 1940s

**Anton J. Eckstein ('46)**  
New Ulm, Minn.,  
died April 13, 2009

**Wayne L. Emerson ('49)**  
Eagle Grove, Iowa,  
died Feb. 15, 2009

**James O. Foxx ('40)**  
Minot, N.D.,  
died Nov. 28, 2008

**James E. Lovell ('46)**  
Omaha, Ark.,  
died July 4, 2008

**Ray F. Reppert ('43)**  
Okoboji, Iowa,  
died Jan. 14, 2009

**Leon Z. Saunders (MS '46)**  
Wynnewood, Penn.,  
died March 4, 2009

**James L. Welch ('41)**  
Clinton, Wis.,  
died July 25, 2008

### 1950s

**Richard E. Cooper ('56)**  
Centerville, Iowa,  
died July 12, 2008

**Richard F. Dougherty ('53)**  
Ainsworth, Neb.,  
died Aug. 29, 2008

**Howard O. Koch ('58)**  
Oswego, Ill.,  
died April 27, 2009

**John D. McEnaney ('56)**  
El Dorado Hills, Calif.,  
died Nov. 17, 2008

**Clark Mortenson ('59)**  
North Logan, Utah,  
died Sept., 11, 2008

**Laurie W. Nelson ('57)**  
Mount Vernon, Ind.,  
died Nov. 9, 2008

**John J. Rodgers ('51)**  
East Troy, Wis.,  
died Nov., 3, 2008

**Leo M. Schmall Sr. ('54)**  
Marion, Iowa,  
died Apr. 27, 2008

### 1960s

**Bernard L. Freitagger ('66)**  
Ramseur, N.C.,  
died March 4, 2009

**Cecil W. Lange ('62)**  
Pekin, Ill.,  
died Nov. 12, 2008

**Calvin W. Lum ('66)**  
Honolulu, Hawaii,  
died Jan. 5, 2009

**Hal D. Minnick ('68)**  
Morton, Ill.,  
died Jan. 2, 2009

### 1970s

**Darrel L. Beenken ('75)**  
Lake Mills, Iowa,  
died Jan. 28, 2009

**Douglas D. Hildebrand ('70)**  
Marshalltown, Iowa,  
died Nov. 11, 2008

**Neill L. Lund ('78)**  
Groton, S. Dak.,  
died April 26, 2008

### 1980s

**Monte B. McCaw ('80)**  
Wake Forest, N.C.,  
died March 28, 2009

**Paul G. Rothaug, III ('88)**  
West Jefferson, Ohio,  
died April 3, 2009

# Phase II of the Lloyd Veterinary Medical Center Expansion Is Moving Forward!

The 2009 Iowa legislature has identified \$38 million for modernizing our small animal facility beginning in July 2009. We have a \$5.3 million private fund-raising goal, and received \$1.8 million last year for planning, making this a \$45.1 million project that will more than double the size of our small animal facility. You will be hearing more about this exciting project! Thanks to the Iowa Veterinary Medical Association, legislators, university administration and many others for supporting this project.



**IOWA STATE UNIVERSITY**

College of Veterinary Medicine  
Ames, IA 50011-1250

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