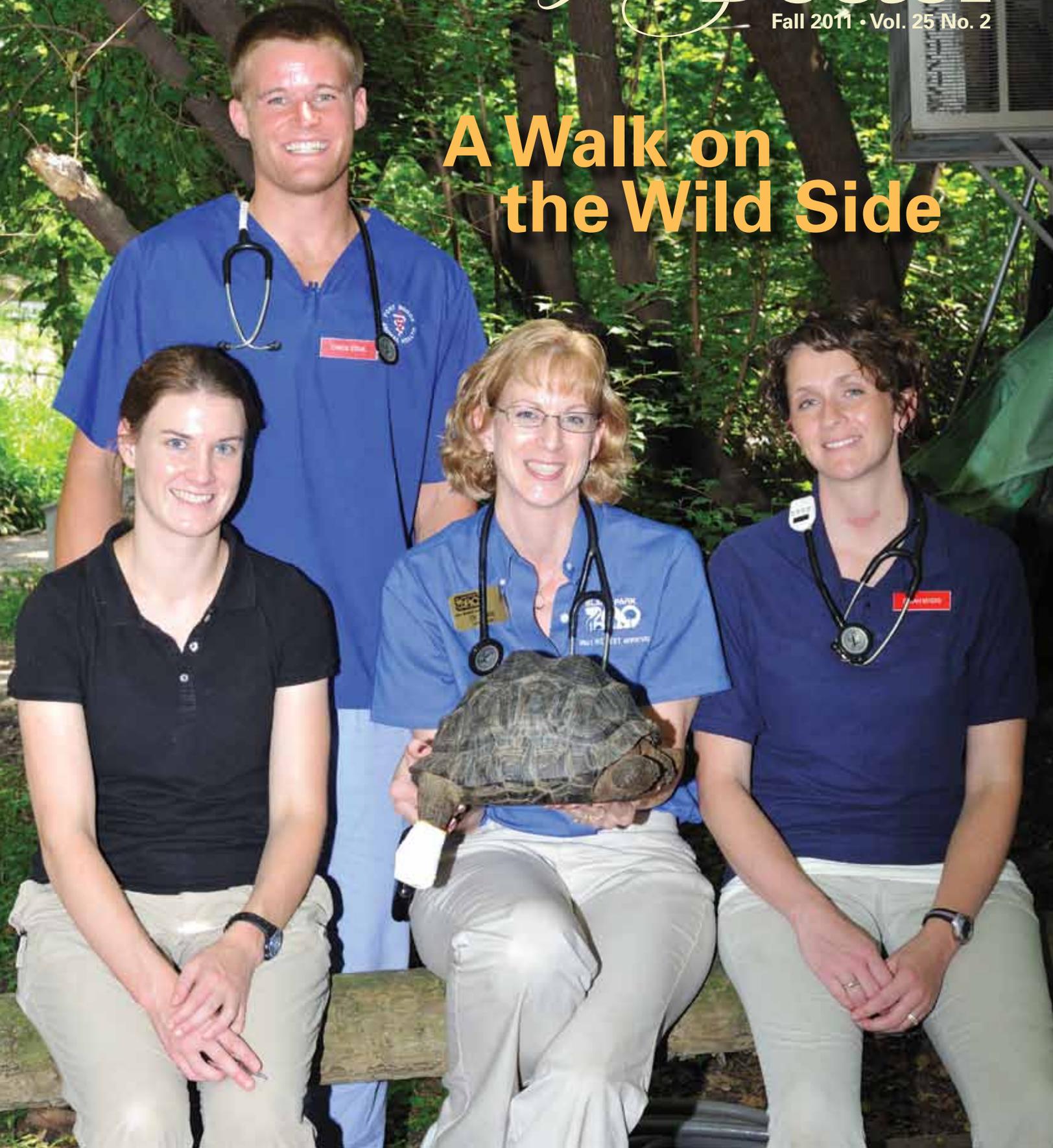


*gentle*  
**Doctor**  
Fall 2011 • Vol. 25 No. 2

**A Walk on  
the Wild Side**





# Contents

## Features

- 4 Straight into the Lion's Den
- 6 Distinguished Alumni Honored
- 10 Construction News
- 13 One Health Lecture Series Established

## In Every Issue

- 3 Message from the Dean
- 14 News
- 23 In Memoriam

Fourth-year veterinary student Sherry Johnson with Senor Lopez, one-year-old Chihuahua, in the newly renovated small animal hospital. *Photo/Tracy Ann Raef*

# Dean's Letter



Dear Alumni & Friends,

The college hit two noteworthy milestones this past year: we had the third highest U.S. veterinary school enrollment with 587 students and our graduating class of 142 was the largest in the nation. These achievements have demonstrated our responsiveness to national veterinary workforce needs and have fueled improvement of the college's teaching infrastructure. However, our graduating class may not be the biggest for long, as other CVMs begin to increase their class sizes as we did in 2007. While we had 1,100 applications to the college last year, technology may well mean that these same prospects are applying at several other colleges of veterinary medicine. Thus we can expect that competition for top students will intensify.

Since one of our five overarching strategic goals is to serve as a magnet for the best and brightest students, we will need to provide the type of environment and innovative programs that will attract and retain top students, faculty and staff. We are investing heavily to support this goal with activities that include:

1. Expansion and renovation of our Small Animal Hospital. When completed in 2012, this will represent a nearly \$100 million investment by the State of Iowa, ISU, donors and friends in the Lloyd Veterinary Medical Center that is creating a truly outstanding teaching, learning and practice facility.
2. Purchase of Iowa Veterinary Specialties, a Des Moines emergency and specialty clinic, which will provide our students with medical and business experiences in a private practice setting.
3. Enhanced access to the Blank Park Zoo in Des Moines that will provide our students with great opportunities to gain exotic animal experience.
4. Establishment of the Swine Medicine Education Center, a collaborative effort that provides unmatched access to a modern production system that includes 90,000 sows and nearly two million pigs and complements our swine, beef and dairy summer programs, and our rejuvenated food animal field services unit.
5. Provision of immersive experiences in research through our Summer Scholars program that matches students with mentors who are top researchers in the college and in the National Center for Animal Health.

As you know, your generous contributions to student scholarships are immensely important in recruiting and retaining top students. Equally important is your promotion of our college to prospective students and their parents. If you know of students who are capable of following in your footsteps, point them in our direction. If you are proud of your ISU education, tell them why Iowa State is the place they should be. Likewise, the faculty endowments that you have helped create are immeasurably valuable in recruiting and retaining top faculty, who serve as another magnet for students. Your partnership in bringing excellent prospects to Iowa State's College of Veterinary Medicine will be invaluable as competition for top students grows. I hope you will enjoy this issue of Gentle Doctor magazine and meeting our outstanding Stange and Switzer Award winners for 2011, taking a look at the new small animal hospital, and catching up on what's happening in your college.

As our updated strategic plan takes shape, I think you will be proud of the direction we are taking as we build the college's future on the firm foundation that you have helped to establish.

Thank you for all you do for us! And from all of us at the college, best wishes for a very enjoyable holiday season and happy new year!

Sincerely,

A handwritten signature in blue ink that reads "Lisa K. Nolan".

Lisa K. Nolan, DVM, PhD  
Dr. Stephen G. Juelsgaard Dean of Veterinary Medicine

P.S. It is a pleasure to announce three changes in our administrative team: Dr. Anumantha Kanthasamy is our new chair of Biomedical Sciences. He replaces Dr. Jim Bloedel, who is entering phased retirement. Dr. Joe Haynes is the new chair of Veterinary Pathology, replacing Dr. Claire Andreasen who is now Associate Dean for Academic and Student Affairs. Dr. Mark Ackermann is now interim Associate Dean for Research and Graduate Studies. He replaces Dr. Qijing Zhang, who is returning to his research work. Congratulations to these new appointees, and thanks to their predecessors who contributed their time and talents to the benefit of our college community.

# STRAIGHT INTO THE LION'S DEN

One day the veterinary students are taking care of a parakeet with a respiratory problem, a Chihuahua with an attitude, and a Mastiff in need of a dental. The next they are silently walking the back hallway that leads to a holding cage where a 400-pound lion has already sensed their presence, and warns them away with a thunderous roar.

The veterinary students are with Dr. June Olds ('03), Blank Park Zoo veterinarian and primary care clinician at Iowa State's Dr. W. Eugene and Linda Lloyd Veterinary Medical Center, and they are about to do a complete work-up on a 15-year-old male lion named Cha Cha, who is in no dancing mood.

During the morning's preparations in the zoo's veterinary hospital, Dr. Olds explains that Cha Cha is one angry cat. He was not fed last night, has been separated from the other lions, and placed in a holding cage. After she goes over the procedures that will be done, everything from urine and blood sample collection, radiographs of his legs, a dental, and nail trim, duties are assigned and each student prepares the equipment, syringes and medications that they will need.

The most important discussion is next. Safety. Dr. Olds explains the protocol for entering the hallway and room where the holding cage is located. Only she will go into the room with the cage to dart the lion. Dr. Olds gives the students instructions on where to safely stand, and anesthesia procedures to be followed once Cha Cha is down. She also makes sure everyone knows where the nearest exit is. They work as a team.

Bringing students to the Blank Park Zoo to expand their experiences and engage the College of Veterinary Medicine in the greater Des Moines area was a project that Dr. John Thomson, professor and dean emeritus, began working on a couple years ago. "It is an ideal opportunity for our veterinary students to get more exposure to population medicine, public health, and exotic animal medicine," Dr. Thomson said. He began building that relationship over several years through the tenures of two zoo directors.



**Dr. June Olds (right), zoo veterinarian, explains the procedure and preparations necessary before Anne Nemeth-Wild (VM-4) sets up to perform a dental scaling on Cha Cha.**

*Photos/Tracy Ann Raef*

Dr. Olds has a part-time appointment at the Lloyd VMC's Small Animal Primary Care section, lead by Dr. Bianca Zaffarano, a clinician with expertise in avian and exotic animal medicine. She also spends several days at the zoo, providing veterinary care to the animals and teaching students. Students who participate in the four-week senior rotation assist Dr. Olds with veterinary issues, and also rotate through other areas of the zoo to learn how the animals are trained, enriched, and fed. "They receive a broad breadth of experience, learning both the veterinary and husbandry aspects of zoo animal care.

"We still don't understand all of the medical conditions that arise in exotic animals," Dr. Olds said. "Any student who wants to study this area needs to be a lifelong learner. You will be constantly researching and collaborating with colleagues. There's still a lot we don't know about these animals."

Documenting protocols and procedures is critical to learning more about the animals' health. During anesthesia, fourth-year veterinary student Chase Stahl notes every physical reaction that Cha Cha exhibits, and the time. After the lion is darted with immobilizing drugs, Dr. Olds asks Chase how many minutes have elapsed, Chase checks his notes and his watch, "12 minutes." When a lion sleeps, no movement goes unnoticed. "Nothing gets your adrenaline going than to see a big cat twitch when it's under," Dr. Olds said, with a smile.

Fourth-year veterinary student Anne Nemeth-Wild completed the zoo rotation this summer. "I love the variety of animal species that I got to work with, from parrots to sea lions, to wallabies. Every day was different. I learned how important husbandry and preventive medicine are to zoo programs. Dr. Olds and the zoo staff taught me a lot."

Besides the formal zoo rotation, veterinary students in the equine and field services rotations also traveled to help care for the zoo's zebras and llamas. Students trimmed hooves, performed dentals, and provided routine veterinary care on a recent day trip to the zoo.

Training the animals so the veterinary staff can work with them is ongoing. Dr. Olds' favorite animals are the sea lions and harbor seals. They have been trained



**Chase Stahl (VM4) monitors anesthesia while Sarah Myers (VM4) helps collect diagnostic samples during Cha Cha's physical exam. Zoo veterinarian Dr. June Olds (background) provides direction and supervision during the exam.**

to open their mouths on command, and the staff is able to listen to their hearts.

The lions and tigers are anesthetized when worked on. "We're extremely cautious with them," Dr. Olds said. "With giraffes, there's a 30 percent mortality rate when they are anesthetized, so we don't unless we have to. We're working on training techniques in most species and right now we're teaching the giraffes to stand for an x-ray and for voluntary blood collection."

Teaching students about exotic animals is just one aspect of zoo medicine. "Zoos have practiced One Health Medicine for decades," Dr. Olds said. "We bring together animals and people so we practice public health and environmental medicine. We emphasize the interaction of people and animals, and how

environment spreads disease. We teach students how to manage those health aspects in a public setting."

"The partnership with the zoo has been designed to benefit both the zoo animals and our veterinary students," Dr. Thomson said. "We are able to share our equipment and clinical expertise at the college and Iowa Veterinary Specialties with the zoo while the zoo provides a unique opportunity for our students and faculty."

For Sarah Myers, fourth-year student who assisted in sample collections and radiographs of the lion, it was a tremendous learning experience. "The best part was going home that night and telling my five-year-old son what mom did that day. He thought I was the coolest mom."

# 2011

## *Distinguished Alumni Recognized*



Dr. Lisa K. Nolan, professor and Dr. Stephen G. Juelsgaard Dean of Veterinary Medicine, with the 2011 Stange Award recipients (from left): Drs. William McCulloch, Craig Harms, and Mark Anderson. *Photo/Tracy Ann Raef*

### *Stange Award* for Meritorious Service

The award is presented annually and recognizes distinguished alumni for outstanding professional achievements. It is the highest honor given to alumni of Iowa State's College of Veterinary Medicine. The 2011 recipients are Drs. Mark L. Anderson ('75), Craig A. Harms ('89), and William F. McCulloch ('56).

Four alumni of the College of Veterinary Medicine were honored this weekend, as part of the college's Homecoming activities. Recipients of the Stange Award for Meritorious Service and the Switzer Award in Veterinary Medicine were recognized at an all-college breakfast at the Gateway Hotel, and later at the university awards ceremony at Scheman Building.

The awards were presented by Dr. Lisa K. Nolan, professor and *Dr. Stephen G. Juelsgaard Dean of Veterinary Medicine.*

## *Stange Award Recipient*

**Dr. Mark L. Anderson**  
Spring Valley, Wis.

One of the current buzzwords in industry, including the animal health industry, is “innovation.” For Dr. Mark L. Anderson, innovation isn’t a buzzword; it’s a way of life. Throughout his professional career, he has established numerous successful businesses globally. His commitment to hard work and integrity, as well as a keen sense of innovation, has been the foundation of his success.

While owning and managing clinics in western Wisconsin with six full-time veterinarians, Dr. Anderson established three manufacturing companies that bring new and necessary products to the veterinary profession. Out of loyalty to his local community, he has maintained his U.S. operations in the Wisconsin towns of Elmwood and Spring Valley, where he started his veterinary

practices. In 1978 Mark Anderson and Associates, Inc. was established, focusing on fabrication and assembly of tubing and film. This was followed by Genesis Industries, Inc., dedicated to molded containers. In 1990 Genesis Instruments was formed to produce instruments and delivery systems. Dr. Anderson’s companies provide research and product development for manufacturers, clinics, and end users. His companies have developed unique containers and delivery systems for dispensing products orally, topically, through water, or by injection. These companies have expanded globally and now include numerous affiliated companies.

Dr. Anderson embodies the traits of a true entrepreneur. In the words of a colleague: When others have given up on a concept, Dr. Anderson’s drive and ingenuity

have allowed him to achieve success. His products have enhanced animal health, and the veterinary profession has benefited greatly from his innovations and entrepreneurial efforts.

In addition to his support of the profession, Dr. Anderson has been a friend and supporter of the College of Veterinary Medicine, lending his time and expertise in scientific technology.

He earned his veterinary degree from Iowa State University in 1975.

**Dr. Craig A. Harms**  
Morehead City, N. C.

## *Stange Award Recipient*

In an ever-changing world where veterinarians are playing a more important role in understanding how the environment, the animal world, and health interconnect, Dr. Craig Harms is a leader in bridging the veterinary profession and the aquatic environments and increasing the awareness of One Health/One Medicine concepts. Through research, teaching, and example, he has made innumerable contributions to the advancement of zoological medicine, particularly in aquatic animal medicine.

Dr. Harms’ unique blend of clinical competence, investigative skills and passion for his work has also earned him international recognition as an accomplished surgeon, clinical scientist and educator.

As an associate professor at North Carolina State University, Dr. Harms shares his expertise among three aquariums in North Carolina, the veterinary school at NCSU, and the marine mammal and sea turtle stranding networks of North Carolina. He also serves as president of the American College of Zoological Medicine. His unique skill sets and ability to perform under pressure made him the ideal person to take on the challenge of developing the marine veterinary programs at the NCSU’s Center for Marine Sciences and Technology.

Although Dr. Harms is an extremely productive scholar, scientist, and clinician, he has a particular talent for

mentoring young veterinarians and veterinary students. Despite his many degrees, certifications, and publications, he unassumingly supports students and facilitates their individual contributions to veterinary medicine. Said one former student: “He is one of those rare individuals who changed the direction of a life.”

Dr. Harms graduated magna cum laude from Harvard University in 1984, received his Doctorate of Veterinary Medicine from Iowa State University in 1989, and his PhD from North Carolina State University in 1999. He is a diplomate of the American College of Zoological Medicine.

**Dr. William F. McCulloch**  
Beaverton, Ore.

*Stange Award Recipient*

Dr. William McCulloch is a well-known pioneer in the field of studying the therapeutic effects of the human-animal bond. In 1977, he co-founded the Delta Society, an organization dedicated to improving human health through service and therapy animals. Now retired, Dr. McCulloch continues to promote the benefits of the human-animal bond. His pioneering work has led to improved quality of life for millions of people throughout the world.

Dr. McCulloch's distinguished career also includes early research in the area of zoonoses epidemiology (diseases transmitted from animals to man). He directed research on the epidemiology of several zoonotic diseases

found in Iowa and the Midwest. He is the author and co-editor of one of the leading textbooks on zoonotic diseases and has authored more than 100 publications in prominent veterinary and human medicine journals such as the *New England Journal of Medicine*. Today, the principles of the human-animal bond and public health are the basic cornerstones of the One Health concept.

A lifelong learner and teacher, Dr. McCulloch helped develop numerous educational innovations and was chair of the American Veterinary Medical Association's Council on Education and founding chair of the Human-Animal Bond Committee to define the

profession's role in recognizing and promoting the human-animal bond. He created the first urban extension veterinary position, while he was a professor at the University of Missouri. Dr. McCulloch helped develop the first symposium on "Ethics and History of Medicine, Veterinary and Human" in 1976 at Texas A&M University during his tenure as a professor of veterinary public health and director of the Center for Comparative Medicine.

Dr. McCulloch received his Doctorate of Veterinary Medicine from Iowa State University in 1956.



## Nominations Sought for Awards

The College of Veterinary Medicine invites nominations for the 2012 Stange Award for Meritorious Service and the William P. Switzer Award in Veterinary Medicine. Nominations will be accepted until Feb. 15, 2012. Nomination forms are available at:  
[www.vetmed.iastate.edu/alumni/awards-and-recognitions](http://www.vetmed.iastate.edu/alumni/awards-and-recognitions)



Dr. Lisa K. Nolan, professor and Dr. Stephen G. Juelsgaard  
Dean of Veterinary Medicine, with 2011 Switzer Award recipient,  
Dr. Loras "Duke" Wilgenbusch Photo/Tracy Ann Raef

## *Switzer Award* in Veterinary Medicine

Established in 1998 to recognize exemplary individuals who have made significant contributions to society through their achievements, or have made major contributions to the enhancement of the College of Veterinary Medicine. The 2011 recipient is: Dr. Loras "Duke" Wilgenbusch ('72).

### **Dr. Loras C. Wilgenbusch** Victor, Iowa

## *Switzer Award Recipient*

Early in his career, Dr. Loras Wilgenbusch realized the importance of changing with the times. In 38 years as a mixed animal practitioner in Victor, Iowa, he watched agriculture evolve, embracing those changes to grow his practice. The practice built a new facility to accommodate both small and large animal surgical and treatment areas. The practice also partnered with area veterinarians to offer clients more specialized care. Now retired, Dr. Wilgenbusch continues to work in the clinic when needed and continues to help young veterinarians transition into practice life.

Throughout his career, Dr. Wilgenbusch has been active in his community. In the words of a resident of his hometown: "Dr. Wilgenbusch is the perfect example of the six pillars of character: trustworthiness, respect, responsibility, fairness, caring, and citizenship." He has spearheaded several initiatives in the town and has invested his own time and money to keep and create businesses vital to his small community. He has been the Iowa County Fair veterinarian and held member and leadership roles on the Victor community development association. His efforts have made significant differences

benefitting the citizens of Victor, Iowa. As a supporter of the ISU College of Veterinary Medicine, he served on the Iowa Livestock Health Advisory Council for six years, representing the Iowa Veterinary Medical Association. The past few years, he has served as an interviewer for applicants to the college—an important job in selecting tomorrow's veterinarians.

Dr. Wilgenbusch is a 1972 graduate of the College of Veterinary Medicine at Iowa State University. 



# CONSTRUCTION UPDATE PHASE 2

One of five treatment rooms in the hospital. This particular room is designed for small animal primary care.

*Photos/Tracy Ann Raef*

The Dr. W. Eugene and Linda Lloyd Veterinary Medicine Center at Iowa State University reached another construction milestone on Tuesday, July 19, when several areas of the small animal hospital were open for service. The entry, client reception and waiting areas are the most visible and striking changes to the newly renovated areas of the hospital. These areas have been designed with a focus on client comfort and patient care. The reception area is much larger and provides a more comfortable working environment and allows greater efficiency for client and patient processing.

**Although the construction project won't be completed until fall of 2012, the following areas are now operational:**

- New entry with artwork and species-specific waiting areas
- Twenty-two exam rooms, more than doubling the previous number
- Five dedicated treatment rooms for the veterinary specialty sections
- State-of-the-art Intensive Care and Emergency Medicine Unit
- Patient-focus wards with increased cage space and outside K9 turf grass that is close by and easily accessible
- 10 teaching rounds rooms to facilitate student learning
- Expanded pharmacy area that includes sterile compounding room and more work space to enhance efficiency and service

Overall, the newly constructed areas of the Small Animal Hospital provides ease of movement throughout the hospital to better serve our clients, patients and referring veterinarians.



The hospital entrance is now clearly visible to clients and visitors.

A view of the new client waiting area, with separate species-specific areas. The circular space in the middle is for children and contains coloring books and toys.



After a 36-year hiatus in the Scheman Building, the original Gentle Doctor came home to its rightful location among the veterinarians who work and train at Iowa State University. In August, the original 1937 Gentle Doctor sculpture by Christian Petersen was moved from the Scheman Building to the interior entrance of the new Small Animal Hospital. Initially, the sculpture was installed at the Veterinary Quadrangle (now Lagomarcino Hall), but due to weather-related deterioration, it was moved to the Scheman Building in 1975.

A bronze casting of the Gentle Doctor, which was painted to resemble the original terra cotta, was installed at the Veterinary Medicine mural site at the plaza of the Veterinary Medicine building, where it still remains today as a much-photographed icon of veterinary medicine. 📍



# Who LEFT A MARK on You?

Typical exam room in the  
small animal hospital



One of the 50 faculty offices in  
the small animal hospital

Commemorative  
Naming  
Opportunities  
Available!

Want to honor a colleague, former teacher or family member? The Lloyd Veterinary Medical Center welcomes the opportunity to publicly recognize those individuals who have contributed to your success. The ISU Foundation offers naming opportunities for exam rooms (\$4,500) and faculty offices (\$10,000). Payment periods for pledges can be made over five years.

For more information, please contact Jeff Spielman at [spielman@iastate.edu](mailto:spielman@iastate.edu), or Amy Knoll at [aknoll@iastate.edu](mailto:aknoll@iastate.edu).

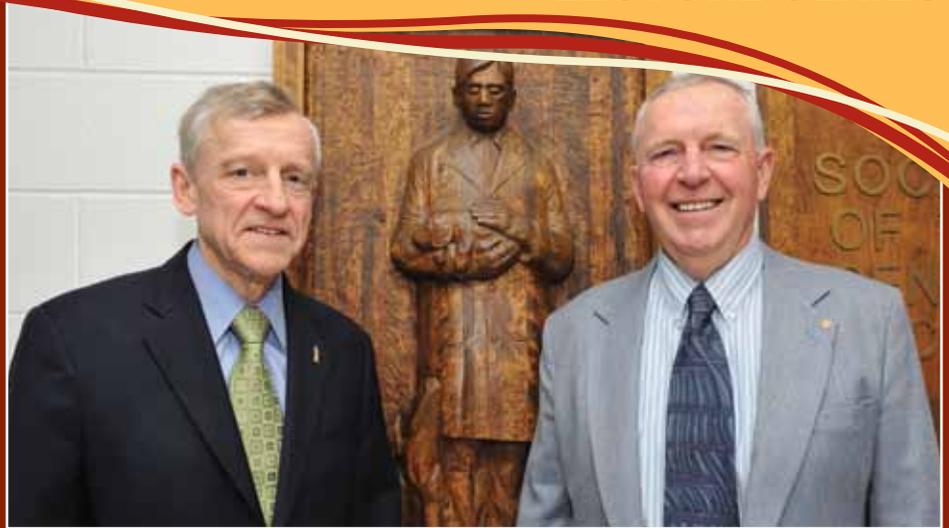
WORLD FOOD PRIZE  
LAUREATE KICKS OFF  
INAUGURAL

ONE  
HEALTH  
LECTURE SERIES

Reverend David Beckmann, 2010 World Food Prize Laureate, presented the first lecture of the newly endowed One Health Lectureship Series that was established in Iowa State University's College of Veterinary Medicine to honor Dr. Roger Mahr ('71), CEO of the One Health Commission.

Rev. Beckmann's presentation "One Health: World Health Through Collaboration" was held in conjunction with this year's World Food Prize events on Oct. 12, in Des Moines. During the presentation, Rev. Beckmann discussed the importance of advocacy in addressing hunger and poverty in this country and around the world. As head of the organization Bread for the World, Rev. Beckmann had a significant impact in shaping international development programs to reflect the needs of the poorest people in the world. He also helped mobilize a grassroots effort for more focused policies and increased appropriations for alleviating hunger by the U.S. government and its partners.

"The importance of advocacy as discussed in Rev. Beckmann's lecture is most consistent with the mission of the One Health Commission, said Dr. Roger Mahr. "Ensuring a safe, available, affordable, and high quality food and water supply for our global population is perhaps at the heart of the One Health approach. Rev. Beckmann's global leadership has helped to end hunger for millions of people around the world," he added.



Dr. Roger Mahr (left), CEO of the One Health Commission with his brother Dr. Larry Mahr.  
Photo/Tracy Ann Raef

The One Health Commission, Iowa State University, and the ISU-led One Health consortium formed an alliance in January 2011 to advance awareness of the value of the One Health approach and to create a better understanding of the important relationship between the health of people, animals, plants and the environment.

Dr. Mahr acknowledges that we live in a changing environment where humans and animals coexist. This environment creates challenges with different diseases and requires integrated solutions and collaborative leadership.

Creating awareness is one of Dr. Mahr's most important goals for the commission. He wants to show how the collaboration of leadership on all levels and scales can bring knowledge into one home base for research. Dr. Mahr hopes the lectures will reach out and engage all audiences from different professional disciplines, students, government and the public. The range of topics for future lectures will vary from the convergence of all humans, animals, wildlife and pets, to disaster preparedness and response. ■



Reverend David Beckmann takes questions after the One Health Lecture. With him, and serving as host for the event, is ISU Executive Vice President and Provost Elizabeth Hoffman.  
Photo/Tracy Ann Raef

About the One Health Lectureship Series: Dr. Larry Mahr ('66) and his wife Barbara established the series in honor of Larry's brother Dr. Roger Mahr and the memory of Donna Mahr (1943-2007), who spent 46 years of avid support for the veterinary profession when she met her husband Larry when he was a pre-vet student at ISU.



Dr. Jason Hocker

Dr. Marlin Hoogland

Dr. Darin Madson

Dr. Cameron Schmitt

Dr. Amy Vincent

## Iowa State Alums Honored as Top Contributors to Swine Medicine

No matter what field of medicine a veterinarian chooses, those early career years are tough. Despite the challenges, many young veterinarians make significant contributions in their chosen fields. Pfizer Animal Health recognized the efforts of 10 high-achievers with a new, innovative program, 10 Under 40. Five of the 10 award winners are graduates of the Iowa State University College of Veterinary Medicine.

“The 10 under 40 program recognizes the success and dedication of young swine veterinarians and we are privileged to work with and recognize these leaders who are doing their part to help pave the way; for the future of our industry,” said Dr. Steve Sornsen, senior director, pork technical services at Pfizer Animal Health.

The award was open to U.S. veterinarians who are under 40 years of age, devote a minimum of 60 percent of their time to swine medicine and are members of the American Association of Swine Veterinarians. An independent panel of judges selected the 10 recipients from more than 60 nominations. Winners were honored at the Allen D. Lemans Swine Conference, Sept. 17-20, in St. Paul, Minn.

### Iowa State University alumni who received the awards were:

**Dr. Jason Hocker** is a partner at Audubon-Manning Veterinary Clinic and managing partner of AMVC Production in Audubon, Iowa. He was a lead organizer of the ISU Swine Medicine Education Center based in Audubon. “I think it is important for not only veterinary students, but others in the industry to enjoy every day and remember we work in the noble profession of agriculture,” Dr. Hocker said. He hopes his passion for the industry and caring attitude helps motivate others, including his clients and co-workers, to adopt the same attitude, and ultimately results in better animal husbandry and stockmanship. Dr. Hocker received his DVM and MS degrees from Iowa State University.

**Dr. Marlin Hoogland** is the Midwest Lead Finishing Veterinarian at Murphy-Brown Western Operations in Algona, Iowa. He currently serves on the Research and Development Team at Murphy-Brown providing production and technical input, and has implemented research that has made a significant impact on the business. “I enjoy the continued challenges this job brings,” Dr. Hoogland said. “It challenges my creativity, makes me be a forward thinker and come up with ways to improve health strategies and performance while reducing cost.” Dr. Hoogland received his DVM and MS degrees from Iowa State University.

**Dr. Darin Madson** is an assistant professor in the Veterinary Diagnostic Laboratory at Iowa State University. At the diagnostic laboratory, he analyzes and investigates different pieces of the diagnostic puzzle to solve disease problems. In addition to his laboratory work, he teaches veterinary students and serves as a mentor to several. “I love being able to tell producers how they can prevent disease by putting different pieces together,” Dr. Madson said. “I show them the evidence and help determine the main factors causing the problem. I enjoy knowing that I’ve done my part by making a diagnosis for a specific veterinarian or producer that hopefully will help them prevent further losses from disease and help them be successful.” Dr. Madson received his DVM from the University of Minnesota and his PhD from Iowa State University.

**Dr. Cameron Schmitt** is one of the owners and the operator of the Pipestone Veterinary Clinic of Iowa in Independence, Iowa. In the past five years, Dr. Schmitt has established the practice, and built a client base. “I enjoy dealing with challenges,” Dr. Schmitt said. “Pigs are easy, dealing with people and learning to interact with them, and helping them understand disease processes and the impact diseases have on their systems has been the challenge.” In speaking about the industry, Dr. Schmitt said: “We have to figure out how to feed the world and how to do it with

the many pressures facing the industry like, antimicrobial usage, welfare issues, financial hurdles. At the end of the day, people need to eat and we have to figure out how to do it as efficiently, and as welfare and environmentally friendly as possible." Dr. Schmitt received his DVM and MS from Iowa State University.

**Dr. Amy Vincent** is a veterinary medical officer at the U.S. Department of Agriculture-Agriculture Research Service in Ames, Iowa. She has worked

to make not only swine influenza virus discoveries, but also vaccine discoveries that continue to improve protection from various strains of influenza in the pork industry. "I was initially drawn to influenza research because it was an overlap disease that was important in both humans and in swine, and in other host species as well," Dr. Vincent said. She believes her biggest research accomplishment and contribution to swine medicine is her work with pandemic H1N1. "We were kind of

working under the radar with swine influenza viruses and making some good discoveries and progress, but the H1N1 pandemic in humans really puts a spotlight on the work we had already been doing," Dr. Vincent said. "We were in the right place at the right time and were able to participate in getting an H1N1 vaccine to market quickly with collaboration with the Centers for Disease Control and Prevention and other USDA agencies." She received her DVM, MS, and PhD degrees from Iowa State University.

## AAHA Announces Winners of the 2011 Practice of the Year Award

The first and second place winners of the American Animal Hospital Association 2011 Practice of the Year Awards were bestowed on practices with graduates of ISU's College of Veterinary Medicine. The AAHA award recognizes the outstanding achievements of accredited practice teams. Practices are evaluated on their most recent accreditation score, mission and vision statements, AAHA branding, practice design, practice team composition, continuing education and training, community service, and compliance improvement efforts.

### Norwalk Veterinary Medical Center, Ohio

Chosen from five finalists, the Norwalk Veterinary Medical Center of Norwalk, Ohio, received the first place award. Dr. Ron Hendrikson ('83), hospital director of the Norwalk VMC purchased the practice in 1992. His number one goal was to become AAHA-accredited. To do that, Dr. Hendrikson had to build a new facility. In 1996, he purchased land and built the current facility. In 2001, the hospital was awarded the first ever Veterinary Economics Best Designed Small Hospital Award.

The practice consists of eight members, but Dr. Hendrikson considers the team to be much larger and similar to a motion-based wheel. "Our clients are the members at the center of the wheel," Dr. Hendrikson said. "Our staff members who serve them are the spokes of the wheel, and the hospital director and administrator are the rim which provides the strength and support for the wheel."

Dr. Hendrikson believes that the greatest value to his clients and their pets is that the hospital adheres to over 900 high-quality standards of care. "AAHA standards are a mark of distinction that sets our practice apart from others," he said. "We are the only accredited practice in our county. The most rewarding part of being a practitioner is being able to provide quality care and to be appreciated by our clients."

### Olathe Animal Hospital, Kansas

The Olathe Animal Hospital of Olathe, Kansas, received second honors. In a press release from AAHA, the hospital was cited for encouraging its team members to individually complete a variety of formal continuing education and training to better serve its patients and clients.

Dr. J.C. Burcham ('04) is one of four veterinarians who work at the Olathe hospital. "I have thoroughly enjoyed working at the hospital for the past seven years, in large part because of the high standards encouraged by AAHA," she said. "Applying for AAHA Practice of the Year seemed only natural for us, as we have a great team and provide great care for our clients and patients."



Dr. Ron Hendrikson ('83) is hospital director of the Norwalk Veterinary Medical Center in Norwalk, Ohio which took 1st place honors in AAHA's 2011 Practice of the Year Award.



Dr. J.C. Burcham ('04) is one of the veterinarians at the Olathe Animal Hospital in Olathe, Kansas. The hospital took second-place honors in the AAHA Practice of the Year competition.

# LARSONS

Named 2011 ISU Family of the Year



**The Larson Family.** Front: Eric James (Carrie's fiancé), Diane, and David. Back: Carrie, Angie and Stephanie.

*“I am humbled by the honor of ‘Family of the Year.’ Iowa State and the College of Veterinary Medicine has always meant a great deal to me and I’m grateful that my family feels the same way. My daughters and their efforts are why we received this award.*

– Dr. David Larson ”

The Larson family of Newton, Iowa, was honored by Iowa State University as the 2011 Family of the Year during Family Weekend Sept. 30-Oct. 2. They were introduced on the field during the ISU vs. Texas football game.

Dr. David Larson ('77) and his family have always been dedicated to Iowa State University and are avid fans. The Cyclone tradition started when Dr. Larson went to Iowa State for his undergraduate and veterinary degrees. He practices at his two veterinary clinics in Iowa. His wife, Diane, is the director of home care for Visiting Nurse Services in West Des Moines. They have three daughters who all chose to attend ISU, Carrie, Angie and Stephanie. Carrie received her bachelor's and master's in accounting, Angie is completing her master's in food science and technology, and Stephanie is a fourth-year veterinary student.

## AVES Confers Honorary Diploma to ISU Alumni

The American Veterinary Epidemiology Society presented honorary diplomas this summer to Drs. John Thomson, professor and dean emeritus, and Eldon Uhlenhopp, professor of production animal medicine.

**Dr. Thomson** is one of the most well-known leaders in veterinary medical education and veterinary diagnostics in the United States. He is recognized for very broad skills in animal disease epidemiology, health risk assessment, and outcomes analysis. Dr. Thomson spent 20 years in food animal veterinary practice. For the next 25 years, he served in veterinary education and national and international service in livestock health. As professor of veterinary science, he served as head of the South Dakota Animal Disease Research and Diagnostic Laboratory, Extension Veterinarian and Livestock Disease Epidemiologist. He served as Dean of the College of Veterinary Medicine, Mississippi State University and facilitated the formation of a comprehensive animal disease diagnostic system. Most recently, he has served as the Dean of the College of Veterinary Medicine at Iowa State University. He has led Iowa State Veterinary Medical College in becoming the preeminent comprehensive food supply veterinary program in the country and in major expansion and remodeling of the Veterinary Medical Center. Now as Dean Emeritus, he is assisting with coordination of Evidence Based/Outcome Based Veterinary Medicine in the food supply system. He is working with the Veterinary Medical Loan Repayment Program and the National Food Animal Veterinary Institute to assist in assuring the stability of our national rural veterinary infrastructure. He is an invited lecturer in broad areas of veterinary medicine, and is widely published in topics such as livestock and zoonotic diseases.

**Dr. Uhlenhopp** is recognized internationally for his development and participation in implementation of veterinary medical curricular areas of emphasis, including One Health, HAACP, zoonoses and public health, and epidemiology and surveillance. He is also recognized for efforts to strengthen academic veterinary medicine through curricular harmonization and standardization, and national veterinary services through continuing education. He is a diplomate of the American College of Veterinary Preventive Medicine and is immediate past chair of the International Affairs Committee of the Association of American Veterinary Medical Colleges. He has been a leader in developing recent Memoranda of Agreement for educational exchanges and collaborative research between Iowa State University and Colleges of Veterinary Medicine in India, Nigeria and the Philippines, where work is focused on the epidemiology of the emerging zoonoses of tropical developing countries including Lassa Fever, Marburg, Ebola Fever, Monkeypox, Crimean-Congo Hemorrhagic Fever, Rift Valley Fever, Tahyna Fever, Tanapox, Wesselsbron, West Nile, Yabapox, and very importantly Influenza H1N1 and rabies. 📄



## Hill Receives 2011 Science with Practice Award from ISU's College of Veterinary Medicine

Dr. Jim McKean (left) presents 2011 Science with Practice Award to Dr. Howard Hill. Photo/Chris Mowrer

Howard T. Hill, DVM, received the Science with Practice Award from Iowa State University's College of Veterinary Medicine. The award, presented at the 19th Annual Swine Diseases Conference in Ames, Iowa, Nov. 10-11, recognizes exemplary integration of science and the art of veterinary practice to benefit swine productivity and welfare.

In presenting the award to Dr. Hill, Jim McKean, DVM, conference chair and ISU extension veterinarian said: Dr. Hill has worked for his entire career to put swine practice and pork producers in the forefront of science and its practical application. He represents the practical demonstration of what this award recognizes. He has been pivotal in Iowa and national disease control and eradication efforts in both the production and program development arenas.

Dr. Hill is the director of external affairs for Iowa Select Farms, an Iowa-based pork production

company. Dr. Hill has been with Iowa Select since 2000, when he joined the company as director of production. In 2001, he was promoted to chief operating officer, continuing in that role until 2009.

A native of southern California, Dr. Hill earned his bachelor's of science and doctorate of veterinary medicine degrees from the University of California-Davis. After graduation, he was a mixed animal practitioner in southern California for a year and a half.

Dr. Hill came to Iowa State University in 1970, when he received a National Institutes of Health fellowship offered by Iowa State University. After earning his master's and PhD degrees in veterinary microbiology at ISU, he accepted the position as head of the microbiology section of Iowa State's Veterinary Diagnostic Laboratory. During his 20-year tenure at Iowa State, he served as an industry leader in the eradication of pseudorabies.

From 1994 to 1999, Dr. Hill worked for Murphy Family Farms, where he continued to work on PRV eradication.

Throughout his career Dr. Hill has been actively involved in the American Association of Swine Veterinarians, serving on several committees and in leadership positions including president in 1996. His dedication and commitment to the association and the pork industry was recognized in 1992 when he was selected as the recipient of the Howard Dunne Memorial Award.

As a pork producer, Dr. Hill has also been active in the National Pork Board, and is currently serving on the board of the National Pork Producers Council. Earlier this year he was one of nine veterinarians appointed to serve on the U.S. Department of Agriculture's Advisory Committee on Animal Health.

# ISU Receives AAALAC Accreditation for Animal Care Programs

Iowa State University's College of Veterinary Medicine and College of Human Sciences has received full accreditation of their animal programs and facilities.

The organization granting the accreditation is the Association for the Assessment and Accreditation of Laboratory Animal Care (AAALAC) International. The AAALAC evaluates organizations that utilize animals in research, teaching or testing to ensure and promote animal well-being.

Iowa State's program underwent an extensive internal self-study of all aspects of animal care and use, including policies, animal housing and management, veterinary care and facilities. External evaluators then conducted an on-site assessment.

Dr. Mary Sauer, Iowa State's attending veterinarian and representative on the Institutional Animal Care and Use Committee, coordinated the self-study and assessment process at Iowa State.

"This accreditation shows that ISU is committed to continuous improvement in our animal care and use program," Dr. Sauer said. "AAALAC complimented us on the strong administrative support for our

*"This accreditation shows that ISU is committed to continuous improvement in our animal care and use program," Dr. Sauer said.*

program as well as our active and engaged animal care and use program."

The process involved the Office of the Vice President for Research and Economic Development, Lab Animal Resources, the Office for Responsible Research, the Department of Environmental Health and Safety, and the College of Veterinary Medicine and the College of Human Sciences, as well as Iowa State's Institutional Animal Care and Use Committee.

"This was made possible by the work of a large team of ISU faculty and staff working together," said Dr. Sauer.

Dr. Ronald Morgan, director of Iowa State's Laboratory Animal Resources, prepared facilities for the AAALAC evaluation and responded to inquiries. He says this is a major accomplishment for Iowa State. "The report was very complimentary on the upkeep of our facilities," said Dr. Morgan.

After an institution earns accreditation, it must be re-evaluated every three years in order to maintain its accredited status.

Lisa K. Nolan, the *Dr. Stephen G. Juelsgaard Dean of Veterinary Medicine*, congratulated the Iowa State faculty and staff whose efforts made the accreditation possible. "AAALAC accreditation is an important step toward a better future for Iowa State," she said.

## Thoen Gives Annual Steele Lecture at University of Texas

Dr. Charles Thoen, ISU professor of veterinary microbiology and preventive medicine, gave the 19th Annual James H. Steele Lecture at the University of Texas School of Public Health. Dr. Thoen's lecture was: Tuberculosis: A Re-emerging Disease in Animals and Humans. Dr. Thoen is an internationally recognized expert on *Mycobacterium spp.* He is the associate editor of the Journal of the International Union Against Tuberculosis and Lung Disease and serves as an ad hoc reviewer for several journals and granting

agencies. He also serves on several national advisory committees, including the TB Advisory Committee, several U.S. Animal Health Association advisory committees, the National John's Disease Advisory Committee, and is a member of several professional organizations including the American Association of Veterinary Laboratory Diagnosticians, and the Conference of Research Workers in Animal Diseases. He is an Honorary Diplomate in the American Veterinary Epidemiology Society, and is currently

serving as its president. He received his DVM (1961) and PhD (1971) from the University of Minnesota.

The Steele Lecture was established in 1993 to recognize the contributions of Dr. James H. Steele to the field of infectious and zoonotic diseases. The Steele lectures represent a "Who's Who" of public health leaders including a Nobel Prize winner, and past and current directors of federal and international programs.



Cyclone head football coach Paul Rhoads and his family submitted Sammy as a potential Cy's Pet. He is shown with the Cy-Hawk trophy earned by the Cyclone victory over the University of Iowa. *Photo/Tracy Ann Raef*

# Who Let the Dawgs Out?!

The bouncing strains of “Who let the dogs out” excited crowds at each Cyclone home football game this season and introduced a new College of Veterinary Medicine marketing campaign, highlighted by Cy’s Pets of the Week.

Working with Cyclone Sports Properties, the college and partners Iowa Veterinary Specialties and the Des Moines Blank Park Zoo sponsored a special football season campaign promoting the college,

veterinary medicine and the human-animal bond.

Cyclone fans had the opportunity to submit a photo of their pets in Cyclone gear, and have them recognized as one of five Cy’s Pets of the Week on the big, new, 80-foot wide, high definition video board during this fall’s six home football games.

Cy’s Pets will be continuing during the men’s and women’s basketball seasons. You can enter your pet photo by clicking

on the “Cy’s Pet” button on either the college home page <http://vetmed.iastate.edu/>, or [www.Cyclones.com](http://www.Cyclones.com).

The campaign also included Vet Med Minutes, 60-second radio commercials appearing during each pre-football game radio show. The Minutes promoted college departments, the profession, and veterinary practitioners.

# ISU Professor and Extension Veterinarian Recognized Nationally for Leadership in Animal Welfare

Dr. Jan Shearer was selected as the 2011 recipient of the American Veterinary Medical Association's Animal Welfare Award. Dr. Shearer is a Professor and Extension Veterinarian in the Department of Veterinary Diagnostic and Production Animal Medicine at Iowa State University's College of Veterinary Medicine. Established in 1989, the award recognizes an AVMA member who has advanced animal well-being, shown exemplary dedication to animal care, and contributed to the community and society. Dr. Shearer received the award during the AVMA's annual conference in July.

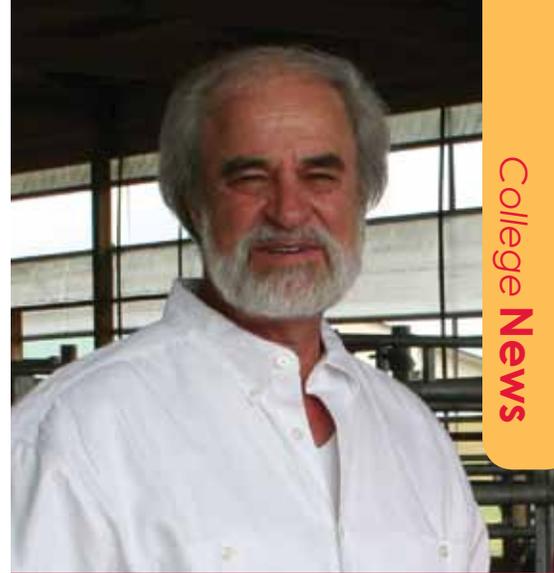
For nearly 40 years, Dr. Shearer has been an advocate for animal welfare and has worked tirelessly to increase its awareness, particularly in the livestock industry. As a bovine practitioner, and later as an educator and researcher, he developed and implemented welfare programs that have advanced the science and best practices for animal welfare.

Dr. Shearer is internationally known for his expertise in bovine hoof care and lameness, a significant welfare issue. He initiated the Master Hoof Care Technician Program that has raised the awareness of lameness as a welfare issue. As a result, dairy and cattle operations, veterinarians, and hoof trimmers across the country have introduced hoof-care programs to address the problem.

As a national leader in the field of animal welfare, Dr. Shearer is immediate past Chair of the American Association of Bovine Practitioners' Welfare Committee, Chair of the Food Animal Working Group of the AVMA's Panel on Euthanasia and serves as a member of the Board of Directors of the Professional Animal Auditors Certification Organization.

Dr. Shearer has delivered more than 375 presentations related to animal health and welfare at international, national and state producer and veterinary conferences.

Since joining the faculty at Iowa State University in 2009, Dr. Shearer continues to influence and shape public policy related to animal welfare. He serves on the Iowa Farm Animal Care Initiative, and lectures in several professional courses in dairy and beef production medicine and animal welfare at Iowa State University.



Dr. Jan Shearer Photo/Geni Wren

“I am truly humbled and honored by this recognition. I am especially pleased that this has happened to me while serving as a faculty member at Iowa State's College of Veterinary Medicine. It is only right that a person receive such an honor while at an institution so deserving of being acknowledged for its commitment to addressing animal welfare issues for the livestock industries in teaching, research and extension.”



The World Rabies Day ISU Team: Front row (from left) Dean Lisa K. Nolan, Trina Schey (VM3), Chelsea Reinhard (VM3). Back row (from left) Associate Dean Claire Andreasen, Chad Clancy (VM3), Dr. Radford Davis (advisor), Emily Houge (VM3) and Dr. MeLissa Ciprich-Christensen (advisor)

## ISU hosts 2011 Merial Rabies Symposium

Dedication and a commitment to raising awareness about rabies earned Iowa State University veterinary students the opportunity to host the 2011 Merial Rabies Symposium on Sept. 24. The symposium was part of the observance of World Rabies Day, held annually each September.

Each year, the U.S. veterinary school with the highest percentage of its student body participating in World Rabies Day activities is awarded the Merial Rabies Symposium for the following year. The winning school is selected by the Global Alliance for Rabies Control and Merial, the animal health division of Sanofi.

In 2010, ISU College of Veterinary Medicine students held a World Rabies Day mega-clinic, where they vaccinated 100 feral cats against rabies. Twenty-

one percent of ISU veterinary students participated in the event, the highest percentage of student participation recorded in 2010.

“We worked very hard to organize the World Rabies Day Feral Cat Alliance Mega-clinic and encouraged all students to participate in any way they could,” said Emily Houge (VM3), event volunteer.

“That is why we were very happy when we had 120 students participating.”

“I couldn’t be more proud of the students for the time that they have committed to rabies education and outreach endeavors,” said Dr. MeLissa Ciprich-Christensen, adjunct instructor at the College of Veterinary Medicine.

The planning committee for the Merial Rabies Symposium includes College of Veterinary Medicine third-year students Chad Clancy, Emily Houge, Trina Schey and Chelsea Reinhard. 

“ We worked very hard to organize the World Rabies Day Feral Cat Alliance Mega-clinic and encouraged all students to participate in any way they could,” said Emily Houge (VM3), event volunteer. “That is why we were very happy when we had 120 students participating.” ”

# 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.

## 1930s

### Benjamin Rosenfeld ('37)

St. Augustine Fla. died April 24, 2011

### Thomas A. Schneckloth ('38)

Prairie du Sac, Wis., died November 14, 2011

## 1940s

### Gordon J. Kruger ('42)

Normal, Ill, died February 10, 2011

### Melvin Nelson ('43)

Griffin, Ga., died June 24, 2010

### David E. Spesard ('44)

Shelbyville, Ill., died February 2, 2011

### Paul L. Thompson ('49)

New Glarus, Wis., died February 20, 2011

## 1950s

### Lee Allenstein ('50)

Whitewater, Wis., died October 22, 2011

### Max G. Pool ('50)

Tucson, Ariz., died Oct. 28, 2011

### Kenneth H. Randolph ('50)

Lost Nation, Iowa, died Sept. 6, 2011

### Jack P. Stream ('51)

Crestor, Iowa, died July 19, 2010

### William J. Owen ('55)

Maxwell, Iowa, died May 21, 2011

### Darrell Cochran ('56)

Oskaloosa, Iowa, died November 21, 2010

### Alan Knudsen ('56)

Lake City, Minn., died Oct. 30, 2011

### Gilbert Samuelson, Jr. ('57)

Peoria, Ill., died April 22, 2011

### Russell L. Schelkopf ('58)

Sycamore, Ill., died February 27, 2011

### Dale R. Nelson ('58)

Champaign, Ill., died June 14, 2011

## 1960s

### William T. Kerber ('60)

Tallahassee, Fla., died July 31, 2011

### Gerald J. Crawley ('62)

Mukwonago, Wis., died January 16, 2011

### James W. Sievers ('64)

Cambridge, Iowa, died June 5, 2011

### David Meade ('67)

Oldsmar, Fla., died October 18, 2011

## 1970s

### John P. Glenn ('70)

Iowa City, Iowa, died April 24, 2011

## 1980s

### Steven Swensen ('89)

Peoria, Ariz., died Oct. 12, 2011



Photo/Tracy Ann Raef

## ON THE COVER

Fourth-year veterinary students pose with Blank Park Zoo veterinarian Dr. June Olds who is holding a five-year old Aldabra Tortoise who was treated for a foot injury. Veterinary students seated next to Dr. Olds are: Anne Nemeth-Wild (left) and Sarah Myers. Standing is Chase Stahl.

Office of the Dean .....	(515) 294-1250
Office of Development .....	(515) 294-8562
Lloyd Veterinary Medical Center	
Small Animal Clinic .....	(515) 294-4900
Large Animal Clinic .....	(515) 294-1500
Veterinary Diagnostic Laboratory .....	(515) 294-1950
General College Information .....	(515) 294-1242

## gentle Doctor

Fall 2011 Volume 25, No. 2

The Gentle Doctor is published by the College of Veterinary Medicine for alumni and friends of the college.

Editor & Writer ..... Tracy Ann Raef  
Graphic Design ..... Ann Greazel, Rachel Tendall

We welcome your suggestions, comments, and contributions to content.

Correspondence should be sent to:  
Editor, The Gentle Doctor  
College of Veterinary Medicine  
Iowa State University  
2526 Veterinary Administration  
Ames, IA 50011-1250

Telephone: (515) 294-4602  
E-mail: traef@iastate.edu  
Web site: www.vetmed.iastate.edu

Iowa State University does not discriminate on the basis of race, color, age, religion, national origin, sexual orientation, gender identity, sex, marital status, disability, or status as a U.S. veteran. Inquiries can be directed to the Director of Equal Opportunity and Diversity, 3280 Beardshear Hall, (515) 294-7612.

# IOWA STATE UNIVERSITY

College of Veterinary Medicine  
Ames, IA 50011-1250

Return Service Requested

## SUBMIT YOUR PET'S PHOTO

in Cyclone gear  
before each men's  
and women's home  
basketball game.  
Five winners will  
appear on the Hilton  
Coliseum video board  
during the game. Visit  
[www.cyclones.com](http://www.cyclones.com)  
for details on how to  
submit your photo!

**Char**, one of the five finalists  
for Cy's Pets of the Week  
during the ISU-Oklahoma  
State football game.

*Photo/Kim Adams*

**GO CYCLONES!**

