

IOWA STATE UNIVERSITY

*gentle*doctor

COLLEGE OF VETERINARY MEDICINE VOL.27 NO.1 2013



Blueprints to
Pawprints

gentledoctor

VOL.27 NO.1 2013

Gentle Doctor is published by the Iowa State University College of Veterinary Medicine for alumni and friends of the college. The publication of the magazine is funded by the College of Veterinary Medicine and the Veterinary Medical Alumni Association at Iowa State.

Office of the Dean515 294-1250
Office of Development515 294-8562
Lloyd Veterinary Medical Center
Hixson-Lied Small Animal Hospital.....515 294-4900
Large Animal Hospital515 294-1500
Veterinary Diagnostic Laboratory515 294-1950

EditorTracy Ann Raef
WritersTracy Ann Raef
Trisha Koriath
Graphic DesignPUSH Branding and Design

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

Correspondence should be directed to:

Tracy Ann Raef
Editor, *Gentle Doctor*
College of Veterinary Medicine
Iowa State University
Ames, IA 50011-1250

515 294-4602
traef@iastate.edu

www.vetmed.iastate.edu

Iowa State University does not discriminate on the basis of race, color, age, ethnicity, religion, national origin, pregnancy, sexual orientation, gender identity, genetic information, sex, marital status, disability, or status as a U.S. veteran. Inquiries can be directed to the Office of Equal Opportunity, 3350 Beardshear Hall, 515 294-7612.

Contents

FEATURES

4 Unique Livestock Welfare Program a Commodity for Farmers, Community

6 Making the Connection between Human, Animal Health

8 Blueprints to Pawprints: Dedication of the Hixson-Lied Small Animal Hospital

10 Outstanding Alumni Recognized

IN EVERY ISSUE

3 From the Desk of the Dean

12 News

15 In Memoriam



On the Cover

Christina M. Hixson, lead donor for the Hixson-Lied Small Animal Hospital at Iowa State University greets Lars, a Pembroke Welsh Corgi, during the Ceremonial Ribbon Crossing at the hospital dedication. Story on page 8. Photo: Catherine Logue

FROM THE DESK OF THE DEAN



Dear alumni and friends,

Over the next two issues, you'll notice a new look to *Gentle Doctor* magazine. We've spent a significant amount of time in the past months strategically reviewing the objectives of the magazine, talking with different groups, and identifying ways to bring you more information about the college. I think you'll enjoy the enhancements here, in addition to a few more changes that will come in our next issue. The driving force behind these upgrades is our commitment to keep you connected to the college.

In this issue, there's an article on page 8 about the dedication of the Hixson-Lied Small Animal Hospital. The dedication last September was a special time for those involved in the multi-year construction and renovation project. It gave our college an opportunity to publicly thank those of you who helped bring this project to completion.

In fact, each time I walk through our newly remodeled facilities, it reminds me of the generous gifts from our alumni and friends, and the commitment by the State of Iowa that allows our students to learn in a world-class teaching hospital. This enables our faculty and staff to advance the state of animal care, human health, and food security around the world.

These improvements support the college's leadership position as a provider of quality veterinary care and education for the profession. They also impact everything we do, making it easier for us to recruit and retain the best faculty, staff, and students – who will all excel in this fine new facility. Thanks again to everyone involved at all levels of this project.

Best regards,

A handwritten signature in purple ink that reads "Lisa K. Nolan". The signature is fluid and cursive.

Lisa K. Nolan, DVM, PhD

Dr. Stephen G. Juelsgaard Dean of Veterinary Medicine
Iowa State University



Unique livestock welfare program By Trisha Koriath



A COMMODITY FOR FARMERS, COMMUNITY

Providing education or helping a farmer out of hardship before law enforcement is called upon once was a big goal for Suzanne Millman, PhD, associate professor of animal welfare at Iowa State's College of Veterinary Medicine. But that goal became reality in January, when the state launched Iowa Farm Animal Care (IFAC), the first of its kind in the United States.

Livestock production today is vastly different from its roots. Farmers face a growing list of veterinary recommendations,

environmental and animal welfare responsibilities. And with less than four percent of Iowa's population involved in farming, IFAC offers information to a community that might not understand ever-changing animal care practices, according to Denny Harding, IFAC executive director. IFAC also exists to help farmers who may be unable to ask for help or unaware they need help understanding farm practices.

"IFAC's primary function will be to assist when there are questions or concerns of animal

well-being regarding pigs, cattle, dairy animals, turkey, and chickens," said Mr. Harding.

How it works

Maybe a delivery person notices the cattle don't have feed in the bunk. Perhaps a neighbor down the road sees an animal that appears to be unhealthy. An individual visiting a hog operation for the first time sees pregnant sows in gestation stalls and doesn't understand their purpose.

Anyone can call the hotline (800 252-0577) or fill out an

The Iowa Farm Animal Care coalition held a press conference to announce its new program. From left: Greg Lear, president of the Iowa Pork Producers Council; Randy Wheeler, assistant state veterinarian at the Iowa Department of Agriculture and Land Stewardship at the time of the conference; Tom Colvin, executive director at the Animal Rescue League of Iowa; Dr. Suzanne Millman, associate professor at Iowa State University; and at the podium, Denny Harding, executive director of the IFAC. Photo: Gary Fandel



online Concerned Citizen Report (www.iowafarmanimalcare.org/services/concerned-citizen-report).

The goal is finding information and a solution as soon as possible, according to Mr. Harding.

When a call is placed, each situation will be handled individually, according to Dr. Millman, who heads up the IFAC evaluation team.

IFAC receives a call, gathers details, contacts the farmer, and offers to arrange a site visit with the IFAC evaluation team. The ISU-based team consists of an animal welfare specialist (Dr. Millman or Anna Johnson, PhD, at the College of Agriculture and Life Sciences), and a species-specific veterinarian: James McKean, swine extension veterinarian; Jan Shearer, dairy extension veterinarian; Grant Dewell, beef extension veterinarian; or Darrell Trampel, poultry extension veterinarian.

If the farmer agrees to the voluntary site visit, the team evaluates the specific concern and writes a report for the farmer that includes how it was investigated, findings, recommendations, strengths/weaknesses, primary

recommendations/improvements, and secondary recommendations to improve animal care. Farm properties and names are kept confidential, but data on each case are recorded.

If the farmer chooses not to have a site visit, the coordinator notifies the complainant. The onus then is on the individual to decide whether to pursue the situation by contacting law enforcement officials.

In the event that a concern is due to the caller's lack of knowledge about animal care, the IFAC coordinator provides educational information to the caller. Information about Beef Quality Assurance, Pork Quality Assurance, Transport Quality Assurance certification programs, links to dairy and poultry information, and descriptions and photos of modern farms also are available on the IFAC website.

"These cases are rare. We definitely have them in Iowa. When we talk about large animal cases, you get a few a year," said Dr. Millman. "Some of the cases where we do have neglect, there's usually extenuating

reasons why they're not providing appropriate care at that time. In my experience in Iowa, people care about their animals."

Tried and true program

Although the program is unique in the United States, its concept is based on 20 years of success with "farmer helping farmer" hotlines that Dr. Millman was familiar with in Canada, including Alberta Farm Animal Care and Farm and Food Care Ontario.

In Alberta, for example, more than 200 calls were placed in 2012. About half were classified as information calls in which the dispatcher informed the caller about common livestock practices. Ninety-seven calls involved communication with the producer and/or site visits to offer assistance.

Calls received by IFAC since January have not required an evaluation team visit, but the Iowa State evaluation team helped round up loose cattle after an accident involving an overturned trailer on the highway. IFAC experts are working to raise awareness through partnerships with the Iowa Farm Bureau and the Iowa Pork Producers

Association, a large stakeholder with 30 million hogs raised in the state each year.

An oversight Advisory Committee comprises Iowa Secretary of Agriculture Bill Northey; Animal Rescue League of Iowa Executive Director Tom Colvin; State of Iowa Veterinarian, Dr. David Schmitt; and President of the Iowa Sheriff's Association, Jerry Dunbar.

IFAC is another example of the College of Veterinary Medicine's forefront position in animal welfare with active programs educating the next generation of veterinarians and sharing information with industry, said Dr. Millman.

"This is a service and it's to help people in the community and it's to help producers. In the long run, it would help law enforcement," said Dr. Millman. "We're trying to catch [problems] before they become an animal care emergency and raise the standard of care to customary level." 

Making the connection

between human, animal health

By Trisha Koriath

Seeking similarities to improve human, animal health



UCLA cardiologist Barbara Natterson-Horowitz at the podium during the One Health Lecture sponsored by the College of Veterinary Medicine's One Health Lectureship Series and University Lectures. A special noon-hour lecture was also held at the College of Veterinary Medicine for veterinary students, faculty, and staff. Photo: Bob Elbert

What do algal blooms, anxiety disorders, and West Nile virus all have in common? If you're a veterinarian, you know the answer: all of these issues affect the health of animals and humans. If you're part of the general population or a healthcare provider, you may not have made that connection.

The One Health Commission aims to change that by reaching out to academia, medical and environmental scientists, and the community to build awareness of a comparative approach to health issues affecting all living creatures.

An endowed One Health Lectureship Series was established at the Iowa State University College of Veterinary Medicine in honor of alumnus Dr. Roger Mahr ('71), Interim CEO of the One Health Commission. In April, the One Health Lecture featured cardiologist Barbara Natterson-Horowitz, MD, and Kathryn Bowers who introduced the concept of their book, *Zoobiquity: The Astonishing Connection Between Human and Animal Health*.

Authors Dr. Natterson-Horowitz and Kathryn Bowers address intriguing questions posed during the lectures about the interconnections between human and animal health.

Q What are the common areas of disease between humans and animals?

A What aren't?! Humans are animals, so the illnesses of our bodies are shared practically across the board. Heart disease, diabetes, cancers, problems with organs and organ systems – they're all shared, whether you're a man or a manatee, a woman or a wombat. We were especially intrigued to find many overlaps in what the human side calls "psychiatry," and veterinarians call "behavior." At first, we thought that mental health would show many more differences because of human brain development and culture. Instead, we realized that even psychiatric challenges, such as addiction, self-harm, risk-taking, anxiety, and eating disorders, are common in the animal kingdom – and much more similar to the human versions than we expected. This speaks to underlying mechanisms that are biological in nature and shared across species.

What are the commonalities and differences of the One Health concept and zoobiquity?

One Health has been a seminal and crucial force pulling human and animal doctors together, especially in zoonoses, emerging infectious diseases, animal

sentinels, and animal/human bonds. Its message informed and inspired our research.

Zoobiquity examines linkages extending beyond infectious diseases and zoonoses. One Health has gotten through to many public health and infectious disease physicians, but some rank-and-file physicians don't know about it – or worse, may not think it applies to their practice of medicine. That's because most physicians don't specialize in public health or infectious diseases. Zoobiquity also includes interdisciplinary collaborations across other fields.

Q What has been the reaction of the healthcare community to the zoobiquity concept?

A The idea of comparative medicine has, of course, been around for a long time, but if you asked most healthcare providers, "what are the overlaps between human and animal health?" they would answer: "zoonoses and lab animal medicine." Those are significant overlaps, but it's a limited view. It's missing a whole world of shared cancers, shared heart disease, shared nutritional challenges, and shared behavioral/mental disorders.

Q Why start the dialogue with academia instead of medical and veterinary professions?

A We think there is important knowledge on both sides of the species "divide" – important commonalities, techniques to be shared, and approaches to be

worked out together. Ignoring each other leaves science on the table.

These species-spanning conversations, we hope, will go on at every level, including among clinicians and practitioners and their patients. Academia is important because that's where new ideas are debated and tested, and where experts can go in depth into specific issues. And, of course, academia is where you find students. As we've visited veterinary and medical schools around the United States and internationally, we've been excited and gratified by the numbers of students who seem to "get" zoobiquity right off the bat. 🐾



Dr. Lisa K. Nolan, dean of the College of Veterinary Medicine, presents the Gentle Doctor statue to Kathryn Bowers (left) and Dr. Barbara Natterson-Horowitz after the lecture. Photo: Bob Elbert

For more information

- > Find details about the One Health Commission at www.onehealthcommission.org.
- > Learn about zoobiquity at www.zoobiquity.com.

Blueprints to Pawprints

By Tracy Ann Raef



Professor and Dean Emeritus Dr. John U. Thomson with 2012 IVMA President Bill Williams and President Elect Jodie Pettit after the unveiling of the etching that honors his leadership on the building project. Photo: Catherine Logue

They tap their paws impatiently. Soon, it will be their chance to officially dedicate the new Hixson-Lied Small Animal Hospital. But first they need to wait for the dignitaries to finish.

After two years of construction, the Hixson-Lied Small Animal Hospital at Iowa State University is completed. It is a veterinary hospital that rivals most human hospitals. Built with a focus on patient care and client comfort, the new hospital is a showcase for the advanced care that pet owners have come to expect – advancements that were not even known when the old

hospital was built in 1976.

In welcoming guests to the dedication ceremony on Sept. 12, 2012, Dr. Lisa K. Nolan, dean of the College of Veterinary Medicine, noted that the day marked the end of a long process that began in 2006 to modernize the college's 30-year hospital. In two phases, the Dr. W. Eugene and Linda Lloyd Veterinary Medical Center was created. First, with the completion of the large animal hospital in 2008, and second, with the completion of the small animal hospital.

Dr. Nolan recognized native Iowan Ms. Christina M. Hixson

whose gift of \$3 million through the Lied Trust of Las Vegas “made this day possible and its impact and benefits will keep this hospital at the forefront of quality veterinary medical care and education for years to come.” She also thanked professor and Dean Emeritus Dr. John Thomson and his wife Kay. “Your vision, foresight, and determination to make our college the best it can be have brought us here today,” she said.

She also acknowledged the critical role of the Iowa Veterinary Medical Association in making the hospital a reality, and the

Ceremonial ribbon crossers walked across a ribbon, instead of the traditional ribbon cutting, to officially open the Hixson-Lied Small Animal Hospital. From left: Alejandro Larios ('13) escorted by Chloe, a Weimaraner/Labrador mix; LeAnne Wichman ('15) escorted by Lars, a Pembroke Welsh Corgi; Lauren Larsen ('14) escorted by Señor Lopez, a long-hair Chihuahua; Tony Lisankis ('16) escorted by Rosie, a German Shepherd; Christina Hixson who greeted all as they crossed the ribbon; Jon Tangen ('13) escorted by Dixie, a Lab/Golden Retriever mix; Mrs. Janet Leath and ISU President Steven Leath with Quill, a Labrador Retriever. Photo: Catherine Logue



numerous donors who supported the college's mission to build a showpiece hospital, including Dr. Gene and Linda Lloyd whose lead gift started the Veterinary Medical Center project.

"What you see is the culmination of countless hours of consultation, design, and construction with the careful expenditure of \$45 million in state and donor funding to bring together the finest in technology and structure for diagnosing, treating, and caring for our pets and educating the next generation of veterinarians," Dr. Nolan said.

Speaking next, Iowa State President Steven Leath said of the hospital, "It is a fantastic facility ... for pets and their owners ... for clinicians and faculty ... and especially for our students as they prepare for what is more than a career, but a 'life's calling' in taking care of our companion animals."

He thanked the elected leaders of Iowa who made the investment necessary to make this a state-of-the-art facility, the Board of Regents who strongly

supported the investment, and the many partners, alumni, and friends who have supported the college's transformation.

He offered a special thanks to Ms. Hixson for her incredible support in helping to transform Iowa State, and especially the small animal hospital.

Paul Thomas ('13) spoke during the ceremony about the student experience of learning in the new facility. Dr. Thomas has two older brothers who are graduates of the veterinary college and his younger brother will graduate from veterinary school in 2016.

Dr. Thomas first met Ms. Hixson as an undergraduate when he was selected to receive a Hixson scholarship. When they met, he told Ms. Hixson that he wanted to become a veterinarian. "It's wonderful to be able to see Ms. Hixson again, so she can see I'll graduate with my veterinary degree, and it's a special honor for me to be able to thank Ms. Hixson for her gift to the hospital."

He remarked on how the

"amazing facilities" allow the clinicians to provide a higher standard of care. "Previously, they could teach us a high standard of care and explain new procedures, but now they have the facilities to actually demonstrate them to us every day. Because of this, I'm sure that my class and future classes will graduate with more experience and better training than was ever possible before. We will be better equipped to go out into our communities and put these experiences into practice."

"None of this could have been possible without the generosity of Ms. Hixson," Dr. Thomas said.

As he left the podium, Dr. Nolan stepped forward to begin the ceremonial ribbon crossing that would officially open the hospital.

The wait was over. It was now their turn.

Lined up and long ready, the VIPs crossed over the ribbon placed on the ground. Leading the pack were First Dogs Quill and Dixie with President Steven and Janet Leath, escorted by Jon Tangen ('13). Following them were Chloe, Rosie, Lars, and Señor Lopez who were each escorted by a student from each of the four veterinary classes. Greeting them on the other side of the ribbon was Ms. Hixson. 🐾

Quick Facts

- > Building groundbreaking – **April 13, 2010**
- > Building dedication – **Sept. 12, 2012**
- > Square footage of small animal hospital – **105,000**
- > Estimated cost – **\$45.1 million**

To see photos of the new small animal hospital, go to vetmed.iastate.edu/support/vision-becomes-reality



Outstanding Alumni Recogni

By Tracy Ann Raef

On Friday, Oct. 26, 2012, four alumni of the College of Veterinary Medicine were honored as part of the college's Homecoming activities. Recipients of the Stange Award for Meritorious Service and the William P. Switzer Award in Veterinary Medicine were recognized during special ceremonies held by the college and university.

Stange Award for Meritorious Service

The award is co-sponsored by the Veterinary Medical Alumni Association at ISU and presented annually. The award recognizes distinguished alumni for outstanding professional achievements. It is the highest honor given to alumni of Iowa State's College of Veterinary Medicine. The 2012 recipients were Drs. Bruce Heath ('62), Arthur Lage ('67), and Steven Leary ('71).

William P. 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 2012 recipient was Dr. Roy Schultz ('60).

Dr. Robert Bruce Heath Ft. Collins, Colo.

Stange Award Recipient

An early pioneer in the field of veterinary anesthesiology, Dr. Bruce Heath developed an outstanding reputation as a clinician, teacher, and scholar. During his career, Dr. Heath advanced the knowledge of veterinary anesthesiology in animals, ranging from large and small animals to marine mammals.

Dr. Heath's fieldwork on wild and captive marine mammals in the North Pacific Ocean and in South America has made significant contributions to the conservation of several species. When Steller sea lions were added to the endangered species list in the mid-1990s, it became necessary to handle these large mammals in the field. Dr. Heath developed a field anesthesia capability (equipment and techniques) that gave researchers the ability to handle up to 2,000-pound sea lions over long periods of time. This key contribution led to a rapid and essential expansion of the knowledge of the sea lions when their populations were plummeting. Dr. Heath himself has anesthetized more than 6,000 sea lions in the

Pacific Rim for research and conservation purposes.

Dr. Heath was a founding fellow of the College of Veterinary Anesthesiology. While at The Ohio State University, he built the second-largest animal anesthesia machine to be used in the United States. At Colorado State University, he was the first to evaluate safe positioning of and appropriate padding for large animal patients requiring prolonged anesthesia.

Dr. Arthur Lage Boston, Mass.

Stange Award Recipient

Dr. Arthur Lage has led a distinguished career that has advanced public health, veterinary medicine, and human medicine.

After successfully building one of the largest private specialty practices on the Atlantic Coast, Dr. Lage joined the faculty at Harvard University where today he is director of the Harvard Center for Comparative Medicine. One of his accomplishments at Harvard has been the implementation of the One Medicine approach at the Harvard Medical School's Center for Minimally Invasive Surgery where he served as director for 10 years. At the center, veterinarians,

physicians, and other scientists work together to share their expertise. With this approach, the group has been able to adapt devices and techniques for a variety of surgical applications, especially in the area of pediatric medicine.

Within the field of veterinary medicine, Dr. Lage is an international expert in renal physiology. A board-certified veterinary internist, Dr. Lage is a past president and chairman of the board of regents of the American College of Veterinary Internal Medicine (ACVIM). He was instrumental in establishing the Veterinary Medical Forum, one of the outstanding continuing education programs in North America. In 2008, he received the distinguished service award from the ACVIM.

Dr. Lage is the past chairman of the Animal Welfare Committee for the State of Massachusetts Veterinary Medical Association. He is also a member of the board of directors for the Massachusetts Society for Medical Research and a board member for the New England Regional Center of Excellence for Biodefense and Emerging Infectious Diseases. He also volunteers his veterinary services for the South Shore (Massachusetts) community.

zed

Dr. Steven Leary St. Louis, Mo.

Stange Award Recipient

During his 40-year career, Dr. Steven Leary has been a leader in organizations that support the humane and judicious use of animals in research and promote humane transport of all animals.

Dr. Leary is recognized internationally for his expertise in long-term planning for institutional research animal care and use programs, as well as his forward-thinking yet practical approach to laboratory animal housing facility planning and design. As the assistant vice chancellor for veterinary affairs at Washington University in St. Louis, Dr. Leary directs one of the largest, most species-diverse, complex, and challenging research programs in the country.

A board-certified laboratory animal specialist, Dr. Leary participates in many organizations

and activities that promote animal research and advocate animal welfare. He served as chair of the American Veterinary Medical Association's Animal Welfare Committee, the 2011 Panel on Euthanasia, and is currently chair of the Panel on Humane Slaughter. He worked with the National Association for Biomedical Research and U.S. Congress on the development and passage of a law that places criminal penalties on animal rights extremist activities that target researchers and seek to prevent further life-saving research.

Dr. Leary is an emeritus member of the Association for Assessment and Accreditation of Laboratory Animal Care, Interna-

tional and a past president of the American College of Laboratory Animal Medicine. In 2011, he was recognized by the American Veterinary Medical Association with the Charles River Prize, an award presented to those who have made distinguished contributions to laboratory animal science and who promote educational growth in the field.

Dr. Roy Schultz Avoca, Iowa

Switzer Award Recipient

Throughout his 50-year career, Dr. Roy Schultz has stood out among a very elite cadre of swine veterinarians who have established themselves through education, hard work, and outstanding service to the profession and the industry.

Dr. Schultz is a world-recognized authority on the pathogen *actinobacillus pleuropneumoniae* in growing swine. His groundbreaking discoveries for cultivation and the character-

ization of the organism and his efforts in diagnostic testing improvements have led to the prevention and control of this once-devastating disease.

His commitment to the college and its alumni has been evidenced through his support of educational programs and mentorship of numerous veterinary students and new graduates.

A charter member of the American Association of Swine Veterinarians, Dr. Schultz has served as its president and been the recipient of many of its awards, including the prestigious Heritage Award for lifetime achievements in swine medicine. He was named one of the 50 innovators in pork production by *National Hog Farmer* magazine in 2000 and one of 10 Pork Masters in 2002.

Now retired, Dr. Schultz continues his efforts as a conservationist. He is the co-founder of the Foundation for North American Wild Sheep, a nonprofit conservation organization. 🐾



The 2012 award recipients (from left) Drs. Steven Leary (Stange Award), Arthur Lage (Stange Award), Roy Schultz (Switzer Award), and R. Bruce Heath (Stange Award). Photo: Catherine Logue

The College of Veterinary Medicine will honor the 2013 recipients on Friday, Nov. 8, 2013. The 2013 recipients of the Stange Award for Meritorious Service are Drs. James Carpenter ('60), John Thomson ('67), and Samuel Vainisi ('57). Dr. Paul Armbricht ('71) is the 2013 recipient of the William P. Switzer Award in Veterinary Medicine.

Compounding Services Now Available at LVMC



Licensed veterinarians in Iowa can now request custom compounded medications for their clients from the pharmacy at the Dr. W. Eugene and Linda Lloyd Veterinary Medical Center at Iowa State. Services include nonsterile, oral preparations (solutions, suspensions, creams, capsules), as well as sterile eye solutions and ointments. Clients will need a prescription for each compound. Written, faxed, and telephone prescriptions will be accepted.

The pharmacy will not fill orders for sterile injectables or manufactured medications, or orders for use in food animals.

For more information, please contact:

Steve Martin, PharmD/MBA

Jake Vogel, PharmD/MBA

phone: 515 294-2427 | fax: 515 294-4784

Hospital Artwork Featured on *JAVMA* Cover

One of the murals in the client reception area of the Hixson-Lied Small Animal Hospital at Iowa State University was featured on the cover of the Nov. 15, 2012, *Journal of the American Veterinary Medical Association*. The collection of murals, located in each of the species-specific client reception areas, shows the variety in the animal kingdom. The mural shown on the *JAVMA* cover hangs on the wall by the reception desk.

Artist: Sticks Inc., with the principal artist, Sarah Grant (American, b. 1953).

Title: *What Animals Do for Us: Never letting us out of their sight*, 2011.

Media: Wood-burned and painted wood.

Collection: Commissioned by University Museums, Iowa Art in Buildings Project for the College of Veterinary Medicine, Small Animal Hospital and Clinic. In the Art on Campus Collection, University Museums, Iowa State University.



The cover is reproduced courtesy of the AVMA. Not to be further reproduced without permission.

Russ and Lora Talbot, 2013 recipients of the ISU Foundation's Cardinal and Gold Award. Photo: Jim Heemstra

Long-Time College Supporters Honored by ISU Foundation

The Iowa State University Foundation recently recognized the outstanding contributions of alumni and friends of the university with its most prestigious honors during the annual Distinguished Awards Celebration Friday, April 19.

Lora and Russ Talbot are this year's recipients of the Iowa State University Foundation's Cardinal and Gold Award. The award recognizes individuals or couples who have provided dedicated and long-term service and creative leadership to the Iowa State Foundation and the university through the advancement of philanthropy. The Talbots embody a shared passion and pride for Iowa State University. In 1998, they established the Russell G. and Lora L. Talbot Scholars in Veterinary Medicine, an endowed fund that provides a four-year scholarship to six students each year. They also made a lead gift to the College of Veterinary Medicine's \$1 million Kresge Challenge Grant, as well as additional major gifts to aid in the construction of

the Dr. W. Eugene and Linda Lloyd Veterinary Medical Center and the Hixson-Lied Small Animal Hospital. The Talbots serve as volunteers on a number of boards and committees.

Upon learning that the Talbots would receive an award for their philanthropy, first-year veterinary student Brandon Woods said: "It's a humbling privilege to receive one of the generous scholarships funded by the Talbots. I have enjoyed getting to know them better through events at the college and the emails we exchange. They are always very interested in what I'm doing with club activities, wet labs, and classes. They are great people to whom I'll be forever grateful."



alumni news

From left: Dr. Roberta Dwyer is pictured with University of Kentucky President Eli Capilouto and UK Alumni Association President George Ochs after receiving the Great Teacher Award. Photo: University of Kentucky

UK Alumni Association Honors Dwyer for Excellence in Teaching

Dr. Roberta Dwyer ('85), professor in the University of Kentucky College of Agriculture and Department of Veterinary Science and director of undergraduate studies in the Department of Veterinary Science, was one of six professors recognized for excellence in the classroom. She received the Great Teacher Award during a recognition dinner and during the South Carolina/Kentucky men's basketball game. The Great Teacher Award is the oldest, continuous award that recognizes teaching at UK. Recipients receive a citation, an engraved plaque, and a cash award.

Dr. Dwyer is the co-author of a national program for agricultural emergency operations planning at the local level that has been conducted in 20 states. She also has co-authored an online course on animal agrosecurity and emergency management, and is a trained member of a regional incident management team tasked with responding to disasters.



Alumni, Students Recognized by AASV

During its annual meeting in San Diego, Calif., the American Association of Swine Veterinarians recognized Iowa State veterinary students and alumni.

Howard Dunne Memorial Award

Dr. Jeff Zimmerman received the AASV Howard Dunne Memorial Award, which recognizes an AASV member who has made important contributions and service to the association and the swine industry.

Dr. Zimmerman is a professor of disease ecology in the Department of Veterinary Diagnostic and Production Animal Medicine at Iowa State. He received his DVM ('84), MS ('86), and PhD ('90) from Iowa State. In addition to being a prolific researcher, Dr. Zimmerman is dedicated to mentoring students. He has been a member of the AASV since 1990 and has served on numerous committees. He is also active in the swine industry, participating on several committees of the National Pork Board and National Pork Producers Council.

Meritorious Service Award

Dr. Craig Rowles ('82) was honored with the AASV Meritorious Service

Award. He is a partner and general manager at Elite Pork Partnership, an 8,000-sow, farrow-to-finish swine operation. He completed the Executive Veterinary Program at the University of Illinois in 2009, and also received the Iowa State University College of Veterinary Medicine Science with Practice Award that year.

An active member of the AASV throughout his career, he has represented the association with groups such as the American Veterinary Medical Association, National Pork Board, and National Pork Producers Council.

Young Swine Veterinarian of the Year

Dr. Amber Stricker ('08) was named the AASV's Young Swine Veterinarian of the Year. She is a partner and practicing veterinarian at Suidae Health and Production, a seven-veterinarian, swine-exclusive practice located in

Iowa. She resides in Albert Lea, Minn., where she serves swine clients locally, as well as throughout the Midwest. She received the 2009 Boehringer Ingelheim Porcine Reproductive and Respiratory Syndrome Research Award, and serves as a member on the Minnesota Pork Board.

Student Scholarships

Chris Olsen ('16) received the \$5,000 scholarship for top student presentation during the student seminar competition. His presentation was "Probability of detecting PRRSV infection using pen-based swine oral fluid specimens as a function of within-pen prevalence." Zoetis provided the financial support for the Top Student Presenter Award.

Additional scholarships received by ISU veterinary students were as follows: \$2,500 each to Brian Bishop ('14), Jordan Graham ('14), and Brent

Pepin ('14); \$1,500 each to Michael Berkland ('14) and Caleb Robb ('15); and \$500 to Kevin Dobesh ('14). Those scholarships were provided by Eli Lilly and Company Foundation, on behalf of Elanco Animal Health.

Sixty-five veterinary students representing 14 universities submitted 70 abstracts for consideration. From those submissions, 15 were selected to present at the meeting.

The top 15 abstracts not selected for oral presentation were eligible to compete in the poster competition for scholarships sponsored by Boehringer Ingelheim Vetmedica, Inc. Three Iowa State students received scholarships: Marisa Rotolo ('14) (\$400), Deanne Day ('14) (\$300), and Levi Johnson ('15) (\$200).

Wonderlich Elected National Grand President of AGR Fraternity

Dr. Arlen Wonderlich ('73) was voted the National Grand President of Alpha Gamma Rho Fraternity during the AGR national convention. Alpha Gamma Rho is the national professional/social agricultural fraternity with more than 59,000 members and chapters on 71 campuses in the United States. After graduating from Iowa State's College of Veterinary Medicine in 1973, he practiced mixed animal medicine in Iowa

until 1991 when he joined Land O'Lakes Feed as a swine consultant. It was his interest in preventive medicine that led him to Boehringer Ingelheim Vetmedica, Inc. in 1996 where he has served in various roles. He has served on numerous committees and boards for the Iowa Veterinary Medical Association.

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

Herbert M. Atkinson ('45)
Lemoore, Calif.
December 8, 2012

Lawrence E. Barnes ('46)
Jackson, N.J.
August 7, 2012

Romaine J. Buzzetti ('49)
Madison, Wis.
February 7, 2013

Norbert A. Dahlke ('46)
Oshkosh, Wis.
July 11, 2012

Donald G. DeValois ('44)
Yountville, Calif.
March 25, 2012

Harold E. Hedlund ('45)
Wahoo, Neb.
April 4, 2013

Robert Vaughn Lewis ('45)
Green Valley, Ariz.
January 25, 2013

Peter B. Meerdink ('44)
Austin, Texas
September 12, 2011

Richard E. Mott ('44)
San Diego, Calif.
November 13, 2010

Dale C. Mowbray ('45)
Gainesville, Ga.
July 21, 2012

Kenneth L. Reinertson ('43)
Marshalltown, Iowa
April 26, 2012

Raymond J. Ryan ('42)
Garner, Iowa
May 29, 2012

A.O.H. Setzepfandt ('45)
Bird Island, Minn.
January 7, 2013

Jerome C. Speltz ('41)
Winona, Minn.
October 26, 2012

Jack L. Winslade ('43)
Washington, Ind.
Feb 11, 2012

1950s

Ruben E. Ashbaugh ('54)
Sac City, Iowa
January 10, 2013

Joseph T. Blake ('56)
Provo, Utah
March 31, 2013

Robert R. Dappen ('50)
Story City, Iowa
March 1, 2012

Durwood D. Davis ('59)
Toledo, Iowa
January 2, 2013

Charles S. Dickinson ('54)
Galva, Ill.
January 5, 2013

Duane F. Diemer ('56)
Britt, Iowa
April 2, 2013

James A. Downard ('51)
Michigantown, Ind.
June 5, 2012

Donald A. Dreesen ('57)
Mt. Prospect, Ill.
March 23, 2013

Kenneth O. Fertig ('57)
Sheldon, Iowa
August 8, 2012

Robert K. Gubser ('55)
Panora, Iowa
March 6, 2013

Howard A. Haas ('54)
Huntingburg, Ind.
March 18, 2013

John C. Haromy ('54)
Lake Wales, Fla.
June 8, 2012

Gordon R. Held ('56)
Young Harris, Ga.
October 16, 2012

Sam J. Holman ('51)
Aberdeen, S.D.
November 9, 2012

John F. Krob ('53)
Tipton, Iowa
February 1, 2013

Lawrence L. Lemanski ('53)
Verona, Wis.
November 16, 2012

George W. Meyerholz ('54)
Estero, Fla.
November 30, 2012

Radean S. Miskimins ('52)
Mitchell, S.D.
February 27, 2013

Roger Van Prooien ('58)
Sheboygan Falls, Wis.
June 20, 2012

Ben F. Schlegel ('50)
Fayetteville, Ark.
February 16, 2013

John E. Smith ('54)
Wadena, Iowa
February 9, 2013

Charles A. Thomas ('58)
Thor, Iowa
May 17, 2013

Wallace L. Vermeer ('56)
Orange City, Iowa
March 19, 2013

Frederic J. Wood ('58)
Osceola, Iowa
August 3, 2012

1960s

George H. Atkins ('66)
Springfield, Ill.
January 20, 2012

Terry B. Kislingbury ('67)
Boone, Iowa
June 26, 2012

Robert H. McLain ('64)
Richmond, Ill.
April 8, 2012

Donald J. Tesdall ('62)
Des Moines, Iowa
October 2, 2012

Jon R. Witt ('66)
Osage, Iowa
November 3, 2012

1970s

Terry R. Coonradt ('78)
Canton, Ill.
March 3, 2013

Robert J. McCullough ('77)
Naperville, Ill.
April 17, 2012

Mary C. Opel ('77)
Des Moines, Iowa
April 3, 2012

1980s

Lisa A. Ross Hayden ('86)
Yerington, Nev.
June 25, 2012



From left: Dean Lisa K. Nolan, Governor Terry Branstad, ISU President Steven Leath, Lieutenant Governor Kim Reynolds, 2013 IVMA President Jodie Pettit, and ISU Senior Vice President and Provost Jonathan Wickert. Photo: Bob Elbert

Year of the Veterinarian

On May 20, 2013, in the lobby of Iowa State University's Hixson-Lied Small Animal Hospital, Governor Terry Branstad signed a proclamation declaring 2013 as the Year of the Veterinarian in Iowa, commemorating 150 years of organized veterinary medicine and the founding of the American Veterinary Medical Association. "It's only fitting to have Governor Branstad sign the proclamation on Iowa State's campus — to recognize Iowa's veterinarians for their dedication and contributions to the health and well-being of animals and humans," said Iowa State President Steven Leath.

Prior to introducing Governor Branstad and Lieutenant Governor Kim Reynolds during the ceremony, Dr. Lisa K. Nolan, the Dr. Stephen G. Juelsgaard Dean of Veterinary Medicine at Iowa State said, "The

citizens of Iowa can be proud of our veterinarians and the numerous roles that they serve in society, from the practitioner who takes care of the family pet or the farm's livestock, to the veterinarian who protects the nation's food supply and public health."

Governor Branstad's visit to the ISU College of Veterinary Medicine is a momentous occasion," said Dr. Jodie Pettit, President of the Iowa Veterinary Medical Association. "We are thrilled to have this opportunity to showcase the college's updated clinical and teaching facilities, and thank the state legislature for their support in making those improvements. Their investment made it possible for ISU to continue educating future veterinarians, many of whom remain within the state to perpetuate the legacy of the Gentle Doctor."