



gentle
Doctor

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The Road
Less Traveled



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Photo: Residence and replication of virulent *Brucella canis* (green) within lysosomes (red), 72 hours after infecting mouse macrophages (blue nuclei). Story page 6

Dear Alumni and Friends,

It's an exciting summer with the rumble of construction activity inside and outside the building, and activities in two areas that may seriously impact our profession.

Student Indebtedness: Introduction of the federal Veterinary Medicine Loan Repayment Program (VMLRP) has created renewed interest in student debt. In 1999, I helped start this legislation with Senator Charles "Chip" Pickering, U.S. Representative from Mississippi. While VMLRP funding isn't as large as what we had in mind, it is a step toward reducing a major financial disincentive that is a factor in keeping top students from entering the profession and succeeding as graduates. The federal government has established new Income Based Repayment (IBR) and Loan Forgiveness for Public Service Employees programs, as well. Similar state and AVMA student loan repayment programs are also in place.

Loan repayments are a piece of the puzzle. Strong financial management abilities are critical to student and practice success, and our unique entrepreneurship program is providing examples of different financial strategies students can utilize in managing their professional careers. We are attempting to manage the cost of a veterinary medical education through continuous improvement efforts. This is tough, considering the escalating costs of providing the technology and hands-on experiences students need, and growing societal demands for more advanced diagnostics, treatment and disease prevention.

Academic and professional veterinary medicine need to identify ways to add value to the degree, such as specialty training in embryo transfer and excellent surgical training. We must also work to place veterinarians in new and responsible roles in areas like animal identification, antimicrobial management, and animal welfare.

Our student indebtedness is fairly constant and compares favorably with other colleges of veterinary medicine. In the meantime, your student scholarships continue to be extremely valuable!

Veterinary Practice Acts: I encourage everyone to keep informed with what is happening in your states regarding veterinary practice act legislation. This issue has the potential to change the face of veterinary practice, and threaten animal health and food supply safety. Work with your state veterinary medical associations to make your concerns and voices heard, and to help ensure that sound veterinary medical oversight continues to protect animal and public health. Legislation like that recently passed in Oklahoma, much like the efforts of numerous activist groups, has tended to be emotionally based and short-sighted rather than science- and fact-based consideration of maintaining a favorable position in highly competitive global markets. All aspects of the issue need to be carefully explored. Be involved.

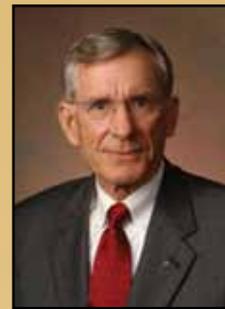
Small Animal Hospital Expansion and Renovation: On a very positive note, demolition and site work are well underway on the new small animal hospital. This \$45.1 million project will more than double the size of our current hospital and make the Dr. W. Eugene and Linda Lloyd Veterinary Medical Center one of the leading facilities in the country for quality teaching, learning and service. More than 120 opportunities exist for named spaces that can recognize alumni, friends and colleagues who have made lasting contributions to the college, profession and to you. You can watch our exciting progress on our webcams. Click the "Hospital Expands" button on the college website home page at www.vetmed.iastate.edu.

We very much appreciate your continued interest and all you do to help the profession, our students and the college. Thank you!

Best regards,



John U. Thomson, Dr. Stephen G. Juelsgaard
Dean of Veterinary Medicine



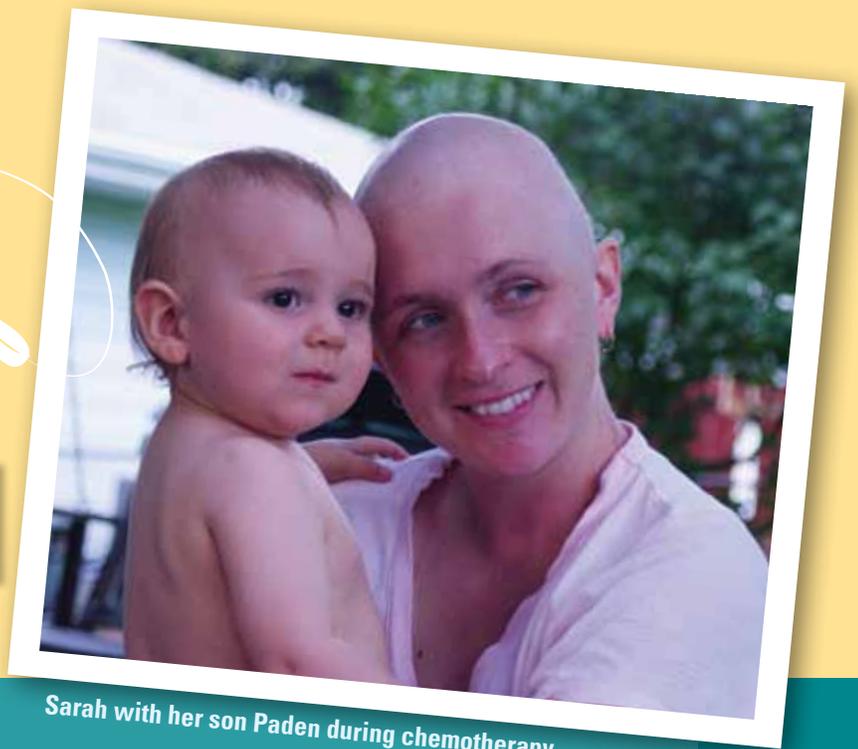
Photo/Bob Elbert

DEAN'S LETTER

ISU CVM Student Debt Ranking

Year	2005	2006	2007	2008	2009
Rank	21	16	12	12	16

The Road Less Traveled



Sarah with her son Paden during chemotherapy

Most life-changing events never announce themselves with a drum roll; they just happen.

Sarah Myers was a second-year veterinary student, wife and mother of a one-year-old boy, when her mother was diagnosed with endometrial cancer. Sarah left school for a semester to spend time with her mother and share the role of care-giver with her father.

During that time Sarah saw her mother's strength as she battled cancer. "When my mom saw me, she would always say, 'There's my inspiration,' and I'd think she's so crazy," Sarah said. "My mom was a very strong woman and a motivator. She was my best friend."

Sarah spent the remainder of that fall semester growing closer to her mother, driving two hours every weekend to visit and care for her. "It was difficult to leave my mom but I would telephone her whenever I could and always after each exam I had. She'd always ask if I did my best, and say that's all I can do."

Sarah's mother continued to be her source of inspiration and motivation. But neither knew how quickly their roles would change.

"I wasn't feeling well and thought I was pregnant again," Sarah said. Tests showed a mass on Sarah's ovary. It was possible the mass was an ectopic pregnancy, but Sarah started researching ovarian masses and tumors. "My mom's own battle with cancer kept going through my mind." After further testing and surgical removal, the mass was not an ectopic pregnancy, as initially thought, but a tumor. It was a yolk sac and embryonal cell mixed tumor, a type of germ-cell tumor. The cancer is highly metastatic and rare, but treatable. "When the initial ultrasound was performed, the tumor was the size of a walnut. Ten days later when the surgeons removed the would-be ectopic pregnancy, it was the size of a tennis ball," Sarah said.

Sarah chose to have chemotherapy at the University of Iowa to be close to her mom. Sarah would need four cycles of chemo. "During every cycle I brought our son to Iowa City with me, and my mom and husband would take turns caring for me and him; he was only 11

“When my mom saw me, she would always say *There's my inspiration...*”

months.” By Sarah’s fourth cycle of chemo, her mom was also in the hospital for pain management. “We couldn’t get a room together so we were on separate floors. But we would sit together, and do puzzles.”

The first round of chemo was tough: a triple cocktail of bleomycin, etoposide and cisplatin every day for five days. On the fifth day after her hospital discharge, Sarah was sick. “I remember having a lot of pain everywhere. I was crying and wanted to go to the emergency room. My mom said; ‘Sarah, you have to be stronger than this. You’re not going to make it if you aren’t stronger.’ I remember her putting her hands on my shoulders and saying; ‘Sarah, you need to put on your big-girl panties for this one.’ ”

As Sarah’s therapy continued, she lost her hair. “I didn’t feel different with cancer. But I did feel a little different without my hair. I wore a pink baseball cap to class.”

Furthermore, during Sarah’s initial cancer staging, radiographs were taken to view the ovarian tumor. Doctors noticed something unusual but needed to take additional scans with a wider view. Scans showed two tumors on her thyroid, unrelated to her ovarian cancer and large enough to deviate her trachea. Sarah had surgery on the first day of school in fall 2009. The tumor had spread to her lymph nodes, and a second surgery was performed to remove the nodes. Sarah returned to school only to complete iodine-radiation for the thyroid cancer over Thanksgiving break.

Inheriting her strong will from her mother, Sarah chose to put one foot in front of the other. “Not continuing on with my life wasn’t an option. Guess I could have rolled up into a ball on the floor, but that wouldn’t be me.”

Sarah would need all her strength and faith. Once again, cancer wasn’t done with her. After Sarah had been back in school for a month, her mother lost her battle with cancer. It was devastating. “The toughest thing I’ve had to deal with is my mom’s death. I was so glad that I spent time with her and she got to know her grandson. But her death was also

a blessing, there was no cure to be found, and she was in so much pain. The last two weeks of her life are horrible to remember.”

As Sarah finished her second year, she reflected on how cancer has changed her. “I used to be impatient and competitive. I’m much more patient now. And there will always be someone who makes better grades or does a better job than me. In many ways my cancer seems so simplistic. When I was undergoing treatment at UI, I’d see children who will never leave the hospital, they were so sick. I appreciate the small things in life, like my little guy banging on the crib first thing in the morning.”

Sarah enters her third year of veterinary school this fall. Her mother’s goal was to see Sarah graduate. She won’t, but Sarah knows she’ll be there when she walks across the stage. And as Sarah faces obstacles in life, she knows

what her mother’s advice would be: “Sarah, put on your big-girl panties.” ✍

Sarah lives in Maxwell, Iowa, with her husband Jake and their son Paden. Jake is a graduate of ISU and works for Iowa Select Farms. Sarah plans to practice mixed animal medicine after graduation.

“I appreciate the small things in life, like my little guy banging on the crib first thing in the morning.”



Today, Sarah and Paden enjoy some time outdoors



Stealth Invader

Photo/Tracy Ann Raef

B*Brucella* species is the perfect pathogen. It quietly invades the cell, traveling with the cell wherever it goes. *Brucella* grows slowly in the cell. It doesn't produce toxins and doesn't elicit an immune response from the cell. And it can go undetected for years.

Brucella bacterium is a highly contagious pathogen that has an uncanny ability to survive and thrive in the mucous membranes. It causes brucellosis in animals and undulant fever in humans. It can be transmitted from animals to humans. There are six types of *Brucella*, three of which (*B. abortus*, *B. suis* and *B. melitensis*) are pathogenic to humans.

Bryan Bellaire, an assistant professor in the Department of Veterinary Microbiology and Preventive Medicine at ISU's College of Veterinary Medicine, first studied *Brucella* when he was in a post-doctoral training program at Louisiana State University. Ten years later, Dr. Bellaire continues to study the cellular microbiology and bacterial pathogenesis of *Brucella* spp. in pigs, cattle, dogs and humans.

A native of the southwest, Dr. Bellaire has a laid-back demeanor that belies the intensity and focus he has for this highly infectious pathogen. "*Brucella* is an amazing bacterium," Dr. Bellaire said. "*Brucella* relies on low-level exposure for infection and a small number of bacteria can cause infection. It's an equal-opportunity pathogen with an ability to infect animals and humans with intact immune systems."

For Dr. Bellaire, the decision to come to Iowa State was an easy one. "Iowa is an agriculture state and the university and veterinary college have experts in livestock and companion animal disease. The opportunities to collaborate and learn are tremendous."

Being able to work with food animal and companion animal veterinarians is another plus for Dr. Bellaire. "Food animal veterinarians are a vulnerable population for brucellosis, especially since there is no human vaccine for it," says Dr. Bellaire.

"They are often called to figure out why an animal has an aborted fetus. Veterinarians are exposed to the aerosol generated when the air around the aborted material is stirred up. *Brucella* bacteria can be inhaled or land on a skin abrasion where just a small amount of bacteria can cause infection." Dr. Bellaire advises veterinarians to wear a mask when vaccinating livestock animals and on the farm when infectious material may be present.

The owner of two dogs, a Maltese and Japanese Chin, Dr. Bellaire is interested in discovering a way to effectively treat *Brucella canis* which causes brucellosis in dogs. One of Dr. Bellaire's current research projects is the development of a novel antimicrobial delivery system that would target intracellular pathogens, specifically for *Brucella canis*. "The *Brucella* bacterium lives inside the dog's cells, making it difficult to reach the bacteria with antibiotics," Dr. Bellaire said. "We're looking at patho-mimetic particles to deliver the antibiotics. The patho-mimetic particles mimic the *Brucella* bacteria and will go wherever the *B. canis* bacteria are, targeting the entire *Brucella* infection."

“Iowa is an agriculture state and the university and veterinary college has experts”

Once the project is funded, Dr. Bellaire will be working with Dr. Lin Kauffman, a small-animal clinician in the Lloyd Veterinary Medical Center. "We'll be working with dogs that have been diagnosed with *B. canis* that were exposed to the disease naturally, not experimentally infected," Dr. Bellaire said. "Bringing scientific knowledge from the research bench and applying it to the clinical setting is exciting." 📌

Juelsgaard Endows Dean's Chair at the College

An endowed dean's chair has been established in Iowa State University's College of Veterinary Medicine, thanks to a \$3 million commitment from Dr. Stephen G. Juelsgaard of Woodside, Calif.

The endowed fund will provide perpetual funding for college priorities and will be administered by the dean of the College of Veterinary Medicine. A national search is currently underway to fill this position. Dr. John Thomson, current dean of the College of Veterinary Medicine, has announced he is retiring as dean effective Jan. 1, 2011.

"As leaders of our academic colleges, deans hold one of the most important positions in our university," said Iowa State University President Gregory L. Geoffroy. "Steve Juelsgaard's tremendous support of the College of Veterinary Medicine is greatly appreciated and will provide the college and its dean with valuable resources to help the college excel and achieve its goals."

Endowed leadership positions allow administrators to leverage human and financial resources. Endowment earnings provide flexible funds that can be directed to support urgent or emerging priorities. Earnings from the Juelsgaard endowment will ensure support is available to assist the dean in successfully fulfilling the mission and vision of the college to better serve the global health of animals, humans and the environment.

"The endowed fund will be a great asset for the new dean and those who follow," said Thomson. "This kind of support will also help attract top candidates for this position to Iowa State."



A native of Audubon, Iowa, Dr. Juelsgaard is the former executive vice president, general counsel and secretary for Genentech in South San Francisco. He received his DVM (1972) and MS (1975) from Iowa State. Dr. Juelsgaard earned a law degree from Stanford University in 1982.

"I've been very fortunate throughout my life and believe strongly in supporting those institutions like Iowa State that provided me with the education and experiences that have helped me get to where I am today," Dr. Juelsgaard said. "Supporting the dean's chair in the College of Veterinary Medicine is especially important to me because the dean provides the leadership and direction for the college, which I hope this financial support will enhance now and for years to come."

The gift is part of Campaign Iowa State: With Pride and Purpose, the university's \$800 million fundraising effort. More than \$755 million in gifts and future commitments for facilities and student, faculty and programmatic support have been made to Campaign Iowa State. The Juelsgaard Dean of Veterinary Medicine is the third endowed dean's chair created at Iowa State during the campaign. 

Small Animal Hospital Expansion & Renovation Project is in Progress!

An informal groundbreaking ceremony on April 13 marked the start of the Lloyd Veterinary Medical Center Small Animal Hospital expansion and renovation project. Two shifts of "groundbreakers" tossed the first shovels of ground.

Contractors began site work on April 14 with demolition of the parking lot near the old large animal barns for utility installation and reconfiguration of the parking area. This part of the project is expected to be completed by November.



Naming Opportunities in the New Small Animal Hospital

The College of Veterinary Medicine's Small Animal Hospital expansion and renovation program has a total budget of \$45.1 million, which includes a private gift goal of \$5.3 million. Your contributions toward that goal will enable the college to move steadily toward completion of this new and exciting change in the Lloyd Veterinary Medical Center. More than 125

opportunities are available to name spaces, either for yourself or in recognition of others who have made and are making an impact on you, the college and the profession of veterinary medicine. The gift amount can be pledged for up to three to five years and use multiple asset options to maximize charitable gift deductions. Available spaces include:

Small Animal Hospital	\$2,650,000	Canine Waiting (2)	\$5,000 each
Large Animal Hospital	\$2,650,000	Feline Waiting (2)	\$5,000 each
Office Addition	\$250,000	Exotics Waiting	\$5,000
Administrative Office Suite	\$100,000	Kids Corner	\$5,000
Conference Room	\$25,000	Vending	\$5,000
Medical Records	\$20,000	Long Term Waiting	\$5,000
Offices		Grieving Room (2)	Named
Director's Office	\$10,000	Food Room	\$15,000
Chair's Office	\$10,000	Exam Rooms Suite	\$75,000
Faculty Offices (25)	\$10,000 each	Cardio Exam (2)	\$7,500 each
Business Office	\$10,000	General Exam (7)	\$4,500 each
Clinical Pathology Suite	\$100,000	Neuro Exam	\$7,500
ClinPath Lab	\$60,000	Ophthalmology Exam (2)	\$7,500 each
Classroom	\$25,000	Exotic Exam	\$4,500
Rounds Rooms		Treatment Suite	\$250,000
Radiology	\$10,000	Treatment Room	\$30,000
Anesthesia	\$10,000	Treatment Room	\$50,000
Surgery	\$10,000	Exotic Ward	\$7,500
Treatment (3)	\$10,000 each	Exotic Treatment	\$7,500
Cardiology	\$10,000	Therio Procedure	\$15,000
Dermatology	\$10,000	Feline Ward	\$10,000
Oncology	\$10,000	Feline Ward	\$15,000
Ophthalmology	\$10,000	Break Room	\$10,000
Pharmacy	\$100,000	Canine Ward (2)	\$20,000 each
Prescription Dispensing	\$35,000	Canine Day Ward	\$10,000
Small Animal Imaging Suite	\$150,000	Dermatology Suite	Pending \$50,000
Phillips X-Ray	\$25,000	Procedure	\$20,000
CT	\$25,000	Oncology Suite	\$50,000
Innovet 1 X-Ray	\$25,000	Oncology Procedures	\$20,000
Innovet 2 X-Ray	\$25,000	Ophthalmology Suite	\$50,000
Surgeries Complex	\$400,000	Therigenology Suite	\$35,000
Induction/Prep	\$40,000	Ward	\$10,000
Recovery Room	\$15,000	Whelp Room	\$5,000
Recovery Ward	\$20,000	Canine Rehabilitation	\$75,000
Critical Care Unit	\$85,000	Kennels/Runs	\$15,000
Cardio Procedure	\$15,000	Gym	\$45,000
General Surgery	\$20,000	Field Services Building	\$250,000
Minor Procedures	\$20,000	Equine Suite	\$50,000
Laser Surgery	\$20,000	Food Animal Suite	\$100,000
Dental Suite	\$20,000	Food Animal Lab	\$30,000
Surgery Suite A (3)	(1) Named \$25,000 each	Equine Performance	
Surgery Suite B (2)	\$20,000 each	Evaluation Facility	\$250,000
Reception – Waiting Suite	\$100,000	Interested? Contact Jeff Spielman, Executive Director of Development, or Blake Davis, Director of Development, at (515) 294-8562 or email spielman@iastate.edu or blaked@iastate.edu at (515) 294-4675.	
Reception Suite	\$50,000		
Business Office	\$10,000		
Consulting	\$15,000		
Waiting Suite	\$50,000		



Photo/Tracy Ann Raef

Jordan Davis (far left) and Eileen Murray (far right) pet George, a cancer patient at the VMC and first to relax on one of the beds they made for the Girl Scout Bronze Award. Joining them are (from left) Kira Davis, Kate Murray, Mike Ridgway, and Lara Murray.

Girl Scouts Sew Pet Beds For Cancer Patients

It's not often that pedestrian traffic in the hallway of Iowa State University's Lloyd Veterinary Medical Center (VMC) stops. But it did when Girl Scouts from Troop 150 rolled two carts stacked with 24 pet beds through the main hallway. The pet beds were made by Jordan Davis (age 12) and Eileen Murray (age 9), two of the Junior Girl Scouts, for the cancer patients at the VMC.

Presenting the pet beds to Dr. Leslie Fox, veterinary oncologist, and Mike Ridgway, oncology technician, was the final step of their months-long journey to earn their Girl Scout Bronze Award, the highest honor a Junior Girl Scout can earn. The award requires that the Scouts complete a project that makes a positive impact on the community.

"The two settled on this particular project because of their love of animals and a desire to help them," said Melissa Murray, Troop 150 Scout leader. Jordan recently lost her beloved dog Midnight to cancer, and the girls decided the project was a fitting tribute to Midnight. And, it would help make the lives of other animals more comfortable as they battle cancer.

"I was so impressed with the kindness of the Girl Scouts," said Dr. Fox. "Our patients with cancer are older and often have chronic diseases such as arthritis. The beds are soft and beautiful. They will provide much-needed comfort for our patients while they are going through cancer therapy."

“ In my four years working in the oncology unit, this is the most touching gesture I have ever seen. ”

George Clooney, a 12-year-old Labrador retriever and cancer patient, was the first recipient of a pet bed. As the girls gathered around George, laughing and petting him, he barked and gave his "Paw of Approval" that the bed was indeed a comfortable place to rest.

The pet beds were created with polar fleece and flannel that the Scouts received from requests for donated materials. The girls

created several smaller beds with appropriate fleece patterns for cats; and larger beds for dogs, some with paw-patterned material and others with red fire hydrants. Each pet bed has a sewn label on it that says: "This pet bed was made by Eileen and Jordan of Junior Troop 150. It was a Girl Scout project for the Bronze Award. We hope this will make your pet more comfortable!"

The pet beds will be offered to owners whose beloved companions are struggling with cancer and need a soft, comfortable place to rest.

Before the scouts left, oncology technician Mike Ridgway said: "In my four years working in the oncology unit, this is the most touching gesture I have ever seen."

"When George Clooney went home from the hospital later that day, his owners were very touched that the Girl Scouts thought about his comfort and gave him the bed to lie on at home," Dr. Fox said. ☑



Congratulations Graduates

The College of Veterinary Medicine at Iowa State University graduated 121 new Doctors of Veterinary Medicine at the college's commencement ceremony at C.Y. Stephens Auditorium in Ames on May 8. During the ceremony, Associate Dean Eldon K. Uhlenhopp welcomed guests. The 2010 commencement speaker was Dean John U. Thomson. In his address to the class, Dean Thomson offered the following advice: 1) realize that you are good enough; 2) find your passion; 3) seek good mentors; 4) put in deliberate practice to refine your skills; and 5) when you get the chance, dance, because there is no greater vocational satisfaction than preparing yourself and then stepping up to accept the greater challenge.

After the commencement address ISU President Gregory L. Geoffroy conferred the degrees on the class. The ceremonial hooding and awarding of diplomas was led by Dean John Thomson. Dr. Dan Whitney, president of the Iowa Veterinary Medical Association, administered the Veterinarian's Oath to the graduates. The recitation of the oath is a time-honored practice to remind the newly conferred veterinarians of their obligations. The oath expresses essential values of professionalism for the practice of the art and science of veterinary medicine.

To date, the college has graduated over 6,400 veterinarians.

Photos/Jolesch Photography



Photo/Tracy Ann Raef

COLLEGE & ALUMNI NEWS

Front row (left to right); Abbey Canon, Melissa Hensch, Kate Dion, Cassandra Roe and Jenna Cherry; Back row (left to right) Paul Thomas, Trevor Schwartz, Shamus Brown and Brent Carmichael

ISU Veterinary Students Receive Scholarships; Top Presenter Award

Nine veterinary students from Iowa State University competed in the Student Seminar held during the American Association of Swine Veterinarians annual meeting in March. A total of 15 students competed in the seminar. The students chosen to present were selected from 44 students representing 11 universities who submitted abstracts for consideration.

For the second year in a row, Brent Carmichael ('11) received the \$5,000 scholarship for top student presentation. His presentation was titled "The impact of pooling piglet serum samples on PRRSv PCR performance in sow herds being monitored for time-to-negative interval." It is the first time that a student has won the coveted Top Student Presenter Award twice.

Two ISU veterinary student presenters received \$2,500 scholarships for their presentations: Shamus Brown ('13) and Melissa Hensch ('10).

Four ISU veterinary student presenters received \$1,500 scholarships: Kate Dion ('11), Cassandra Roe ('12), Trevor Schwartz ('13) and Paul Thomas ('13).

ISU student presenters receiving \$500 scholarships were: Abbey Canon ('11) and Jenna Cherry ('12).

Judges representing private practice, academia and industry selected the recipients on the basis of communications skills in the writing of the abstract and the presentation of the case report, and on applicability of the research to swine medicine.

Class of 2014 Profile*

One hundred and forty-nine students from 25 states will begin classes at the college this fall. These students were chosen from a pool of 1057 applicants.

- 107 of the 149 are women
- Average age: 23.8 (range: 21 to 46 years)
- Average cumulative GPA: 3.55
- Average science GPA: 3.34
- Degrees: 137 have bachelor's, 2 have master's, 2 have PhDs and 8 have no degrees

States of residence:

Arizona	3	Nebraska	26
California	1	New Hampshire	1
Colorado	2	New Jersey	1
Connecticut	7	New York	5
Georgia	1	North Dakota	3
Illinois	3	Ohio	3
Iowa	63	Oregon	1
Kansas	1	Pennsylvania	2
Maine	1	South Dakota	8
Maryland	1	Texas	1
Massachusetts	1	Virginia	1
Michigan	4	Wisconsin	4
Minnesota	5		

*As of June 2010

Alumnus Recognized with Highest Honor by California Peers

The Southern California Veterinary Medical Association (SCVMA) held its Annual Celebration and Installation of Officers on Saturday, January 16, 2010, in Long Beach, Calif.

During the evening's celebration, Dr. Robert Rooks received the association's highest honor, the Don Mahan Award. Named after the first SCVMA executive director, it recognizes the contributions of an individual to organized veterinary medicine, the community and the animals.

"We all remember Dr. Rooks' big, red Suburban and his Mobile Animal Surgical Hospital (MASH) unit as it traveled around the region,"

said Drs. Chuck Acton and John Hamil as they presented the award. "This award reflects the decades of service that Dr. Rooks has provided to his association and to his colleagues in the Los Angeles and Orange County areas."

SCVMA President Larry Kosmin commented, "Rob made some huge sacrifices for the profession and was always recruiting new members for the association as he drove around visiting practices. This is a long overdue honor for him."

“Rob made some huge sacrifices for the profession and was always recruiting new members....”

Dr. Rooks is a 1978 graduate of Iowa State University College of Veterinary Medicine. He is a diplomate of the American Board of Veterinary Practitioners and the American College of Veterinary Surgeons. In 1996 he received the Charles E. Bild Practitioner of the Year Award from the American Animal Hospital Association. He opened All-Care Animal Referral Center (ACARC) of Fountain Valley, Calif., in 1987 as one of

the first specialty referral practices in the area. ACARC has been recognized for its cutting-edge diagnostics and treatment options as it cared for pets from around the world. It was one of the first practices to offer kidney transplants, arthroscopic surgeries, and on-site MRIs. Today, Dr. Rooks and his staff at ACARC continue to provide world-class care for some of the most challenging medical and surgical cases.

AASV Honors Two ISU Alums at Annual Meeting

The American Association of Swine Veterinarians recognized two ISU alums during its annual meeting in Omaha, Neb. The awards were presented during a reception on March 8.

Young Swine Veterinarian of the Year

Dr. Michelle Jens Sprague, Audubon, Iowa, was honored with the 2010 Young Swine Veterinarian of the Year Award, given annually to an AASV member five or fewer years post-graduation who has demonstrated the ideals of exemplary service and proficiency early in his or her career.

Dr. Sprague is a partner and director of sow health at the Audubon-Manning Veterinary Clinic in Audubon, Iowa, where she delivers high-quality herd health and production care to swine producers in Iowa and the region.

Active in AASV since 2002 as a student member, Dr. Sprague serves as a member of the Pig Welfare Committee. She is also working with the AASV Production Animal Disease Risk

Assessment Program. In 2008, she presented at the AASV annual meeting, delivering a practice tip on GPS mapping of swine sites. In 2007, she chaired a pre-conference seminar and spoke at the annual meeting.

"Dr. Sprague has been an outstanding committee member who contributes frequently to the issues under discussion," said Dr. Lisa Tokach, colleague and fellow committee member. "She has demonstrated the ideals of exemplary service and proficiency early in her career."



Photo/Tracy Ann Raef

continued on next page

“I am honored to receive this award,” Dr. Sprague said. “The AASV is a wonderful organization comprised of phenomenal people. It is a privilege to work with and serve the membership of this association, my colleagues at AMVC and the swine industry in general.”

Dr. Sprague is an active member of the Iowa Veterinary Medical Association and the American Veterinary Medical Association. She is a 2005 graduate of Iowa State University’s College of Veterinary Medicine.

Swine Industry Veterinarian of the Year

Dr. Reid Philips received the 2010 Technical Services/Allied Industry Veterinarian of the Year Award.

Established in 2008, the award recognizes swine industry veterinarians who have demonstrated an unusual degree of proficiency and effectiveness in delivery of veterinary service to their companies and their clients, as well as given tirelessly in service to the AASV and the swine industry.

Dr. Philips is the Technical Manager for Porcine Reproductive and Respiratory Syndrome (PRRS) for Boehringer Ingelheim Vetmedica, Inc. In his position, Dr. Philips provides training and technical oversight on PRRS to new technical and sales team members. He also directs the PRRS research grants awards, which he implemented six years ago. Committed to solving PRRS in the field, Dr. Philips is always available for consultation to help customers. Dr. Philips also coordinates BIVI’s veterinary liaison team of seven AASV industry leaders and colleagues from Canada and Mexico, hosting biweekly conference calls and biannual technical meetings. Dr. Philips joined the technical team at BIVI in 1997 when BIVI acquired NOBL Laboratories where he worked since 1994.

Following graduation in 1981 from Iowa State University’s College of Veterinary Medicine, Dr. Philips practiced at the Audubon Veterinary Clinic in Audubon, Iowa. In 1985 he moved to Columbus, Neb., where he practiced until 1994 when he took a position as Technical Service Veterinarian with NOBL Labs in Sioux Center, Iowa.

Carlson Honored with Distinguished Service Award

Dr. Jim Carlson of the Springfield-Dayton, Ohio, area, known for his appearances on the weekly “Pet Doctor” segment on WDTN-TV2, was recognized with the 2009 prestigious Distinguished Service Award. The award, presented by the Ohio Animal Health Foundation, recognizes one individual’s positive influence on animal health and welfare within their community and their impact on the entire veterinary profession.

Dr. Carlson spearheaded many community initiatives and fundraisers supporting the role of the human-animal bond. He organized annual pet portrait events that raised money for Clark County animal shelters to purchase microchip scanners, and for fire stations to acquire life-saving pet oxygen masks. He also provided complimentary veterinary care for Ohio’s arson dog, Alex. For the past four years, Dr. Carlson has been a recognized face at Springfield school events, including Safety City, where he speaks about the importance of dog bite prevention and safety.

“Dr. Carlson exemplifies the Foundation’s objective of improving the future of animal health and promoting the human-animal bond,” said Dr. John Shuler. “His involvement with the community over the past decade has not only enhanced the lives

of countless animals, but has also shown people the importance of animal welfare. He has gained the respect of the community and his colleagues, and is more than deserving of this award.”

As part of the award, the Foundation has donated \$1,000 to Dr. Carlson’s choice charity, Best Friends Pet-Assisted Therapy of Springfield, where three of his pets are working members.

Dr. Carlson, who is from Gowrie, Iowa, and a 1998 graduate of Iowa State’s College of Veterinary Medicine, is the former owner of the Springfield Animal Hospital. He now works at North Main Animal Clinic in Dayton, Ohio.



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

Carl E. Venzke ('36)

Readlyn, Iowa, died August 12, 2009

1940s

Melvin R. Beemer ('41)

Corning, Iowa, died April 5, 2010

Russell L. Whitford ('43)

Pendleton, Ore., January 6, 2010

Wallace J. Butson ('44)

Wells, Minn., died March 4, 2009

Arthur Ruebel ('44)

Ft. Dodge, Iowa, died December 9, 2009

John L. Innes ('45)

Asheville, N.C., died May 6, 2010

Philip G. Eldredge ('45)

Caldwell, Idaho, died February 27, 2010

Harry L. Quick ('45)

Naples, Fla., died October 7, 2009

Anton J. Eckstein ('46)

New Ulm, Minn., died April 13, 2009

Jack Moyer ('47)

Junction City, Ore., died January 29, 2010

John L. Neely ('49)

Scottsdale, Ariz., died August 3, 2009

1950s

Leo J. Cahalan ('50)

Logansport, Ind., died July 24, 2009

J. J. Cecil ('50)

Spirit Lake, Iowa, died March 23, 2010

Rollin J. Cowles, III ('50)

Burlington, Iowa, died January 22, 2010

John B. Watkins ('51)

Minot, N. D., died May 31, 2009

Frank W. Young ('51)

Sumner, Iowa, died April 7, 2010

Earl E. Schobert ('52)

Tampa, Fla., died June 8, 2009

John A. Babcock ('52)

Lady Lake, Fla., died May 11, 2009

Meredith H. Moore ('53)

Clear Lake, Wis., died May 17, 2009

Delmar D. Diercks ('56)

Mason City, Iowa, died August 31, 2009

Truman K. Mostrom ('56)

Grandin, N.D., died October 28, 2009

Cecil D. Behunin ('57)

Los Altos, Calif., died January 8, 2010

Marlyn K. Jacobsen ('57)

Zionsville, Ind., died August 11, 2009

Raymond L. Morter ('57)

Lafayette, Ind., died November 19, 2009

Frederick L. Peacock ('58)

Key Largo, Fla., died June 28, 2009

1960s

Edward C. Mather ('60)

East Lansing, Mich., died January 27, 2010

John C. Peckham ('61)

Raleigh, N.C., died February 2, 2010

Jerry J. Booth ('64)

Urbandale, Iowa, died November 17, 2009

Henry M. Bonnes ('66)

Farragut, Iowa, died April 4, 2009

1970s

Paul D. Mitchell ('72)

Omaha, Neb., died May 21, 2010

John A. Caltabiano ('79)

Centerbrook, Conn., died November 6, 2009



Photo/Tracy Ann Raef

ON THE COVER

Sarah Myers ('12) is featured in The Road Less Traveled on page 4.

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Large Animal Clinic.....	(515) 294-1500
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gentle Doctor

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Thank You!

Contributions to the Companion Animal Fund exceeded \$100,000 in 2009. We are most appreciative to the numerous individuals who have contributed. The Companion Animal Fund was initiated in 1983 and has continued to grow over the past 27 years. Donations help support the Department of Veterinary Clinical Sciences and Lloyd Veterinary Medical Center to obtain state-of-the-art equipment, improve facilities, and perform clinical research to better serve you, your clients and your patients.

One of the most difficult aspects of veterinary practice is consoling a client who has just lost a beloved pet. The Companion Animal Fund is an opportunity for you to express care and concern by making a memorial donation in the pet's name. Your client will receive a personal letter acknowledging your memorial gift. We receive numerous letters from clients stating how much your memorial gift has meant to them. Just knowing that someone truly cares helps clients through the grieving process. For more information regarding the Companion Animal Fund, please contact Sandy Popelka, Department of Veterinary Clinical Sciences, Iowa State University, 1600 S. 16th St., Room 1717, Ames, IA 50011-1250. Phone: 515-294-2531; fax: 515-294-8476; e-mail: spopelka@iastate.edu. Or visit our website at: <http://vetmed.iastate.edu/vmc/funding-opportunities/companion-animal-fund>.