Fig. 4.2  Amblyomma vetmedicanalis
Dear Guest,

It is with great pleasure that our veterinary students, staff, faculty and I welcome you and your family to the 2016 Oklahoma State University Center for Veterinary Health Sciences Open House. As dean of the veterinary center, I am proud of the quality of education, research and service we provide Oklahomans as well as others across the nation. We hope you enjoy your time here today as you walk through McElroy Hall and the Veterinary Medical Hospital, participate in activities, and see the various demonstrations planned throughout the day.

Sincerely,
Dr. Jean Sander
Dean, Center for Veterinary Health Sciences
Open House Participants

- American Association of Veterinary Parasitology
- American Association of Small Ruminant Practitioners
- Anesthesiology Committee
- Association of Shelter Veterinarians
- Big Dogs Huge Paws
- Caffe Bella
- Canine Practitioners Club
- Chophouse Taqueria
- Christian Veterinary Fellowship
- Circle A Draft Horses
- Class of 2017
- Class of 2018
- Class of 2019
- Department of Integrative Biology
- Dirty Curty Cart
- Dogs of Lincoln
- Entomology Department
- Equine Treadmill
- Grey Snow Eagle House
- Game Day Iron Works
- Hill’s Pet Nutrition
- Holistic Club (AHVMA)
- Internal Medicine Emergency & Critical Care Club (IMECCS)
- Internal Medicine Hospital Committee
- Latte Vivace
- Merial
- Mobile Diary Classroom
- National Center for Veterinary Parasitology (NCVP)
- Neurology Booth
- Nilimas Snack Service
- Oklahoma Animal Disease Diagnostic Laboratory (OADDL)
- Oklahoma Pork Council
- OKC Disc Dogs
- Oklahoma Large Animal First Response
- Oklahoma State University’s Bullet & Pistol Pete
- Oklahoma State University
- American Association of Bovine Practitioners
- Oklahoma State University Cattlewomen Association
- Oklahoma State University Pre-Veterinary Club
- Oklahoma State University Oklahoma City Veterinary Technology School
- Oklahoma Thoroughbred Retirement Program
- Operation Catnip
- Ophthalmology
- Omega Tau Sigma
- Oxbow
- Pacemaker Posse Reunion
- Pagoda Pizza
- Payne County Sheriff K-9
- Payne County Sheriff Mounted Police
- Pete’s Pet Posse
- Purina
- Radiology Hospital Committee
- Royal Canin
- Sit, Stay, Go
- Society For Theriogenology
- Sooner Golden Retriever Rescue
- Stillwater Animal Welfare
- Stillwater Humane Society
- Stillwater Kennel Club
- Student Chapter of the American Association of Equine Practitioners
- Student Veterinary Surgery Association
- Thoroughbred Athletes, Inc.
- Tiny Paws
- Veterinary Diagnostic Imaging
- Zoo, Exotics, & Wildlife Club
Demonstrations & Events

Pacemaker Posse Reunion
This year we are pleased to welcome the Pacemaker Posse as they come together with our very own Dr. Baumwart to tell the stories of his many successful pacemaker placements. Dr. Baumwart and the Posse will be giving a presentation at 11:30 am in the auditorium of McElroy Hall to show off the pacemaker and discuss the conditions of the patients before and after the pacemaker. Please stop by the presentation to learn more!

Circle A Draft Horses
For the second year in a row, Circle A Draft Horses will be providing carriage rides for Open House. Be sure to stop by and take a ride with Ray, and don’t forget to say “Thank you” to the beautiful horses Cora Grace and Gina for all of their hard work! The carriage will be available from 9:00 am to 12:00 pm, 12:30 pm to 1:30 pm, and 2:00 pm to 4:00 pm located on the west side of the Paddock.

Payne County Sheriff’s Office
Payne County officer Rockford Brown and his K-9 partner, Rudy, will be doing demonstrations on the role canines play in the police department. Demonstrations include showing the dog a specific person’s scent in order to find him/her and detecting narcotics. Demonstrations will be at 10:00 am, 11:30 pm, 1:00pm and 3:30pm in the Paddock outside.

Grey Snow Eagle House
The Grey Snow Eagle House is a rescue, research, rehabilitation and educational facility located in Perkins, Oklahoma. They also house eagles that are non-releasable due to their injuries. Between 2006 and 2015, they have successfully rehabilitated and released 13 eagles back into the wild. Today they will introduce you to a Bald Eagle, Barred Owl, and Peregrine Falcon. Attend one of the four presentations at 1:00 pm, 1:30 pm, 2:00 pm, and 2:30 pm in the hospital to learn more about these amazing birds.

Sit, Stay, Go!
Sit, Stay, Go! is a training program offered by one of our very own students. There are classes available from beginning obedience to agility, flyball, and therapy certification. Today they will be providing agility demonstrations at 10:30 am, 12:00 pm, and 1:30 pm in the Paddock. Agility tests both an owner’s and dog’s training and obedience, so stop by to see the amazing displays!

Class of 2018/2019 Drawing
The Classes of 2018 & 2019 are hosting a drawing to raise money. The goal of this drawing is to build funds that will be used to help offset the financial strains of veterinary school on students and to purchase needed materials. Each lot item will be displayed at their booth where you can purchase a ticket for $1.00 each. Ticket sales will begin at 9am and end at 2:30pm in McElroy Hall.
Equine Treadmill
Researchers at OSU use the equine treadmill to better understand the physiology of the equine athlete. The treadmill has infinitely variable speeds from 0 to 60 mph and can incline from 0 to 10 percent. With independent climate control systems and large volume fans to ensure appropriate thermoregulation during exercise, the facility is a turn-key asset for research, teaching, and clinical activities involving exercising horses. Stop by to see some of our research horses in action on the treadmill! Demonstrations are every hour in the Equine Treadmill. Seating is limited so pick up your free ticket at the registration table.

Veterinary School Admissions 101
Interested in becoming a veterinarian? Come join the conversation with Anna Teague, Admissions Coordinator for the OSU CVHS, where she will discuss the various programs available for prospective students. Presentations will begin at 10:00am and 2:00pm in the McElroy Hall Auditorium.

Dogs on Display - Come see the different breeds of dogs our veterinary students own and witness their talents and tricks! Plus you will have the chance to see the types of dogs available for adoption through the many animal shelters here at Open House. This event will be held at 11:00am in the Paddock located in the parking lot.

Stillwater Kennel Club of Oklahoma—Dog Breeds 101
Last year, they introduced you to Duck Herding. This year, they will introduce you to some of the different AKC recognized dog breeds. The club will have 3 presentations at 9:30 am, 12:30 pm, and 2:30 pm in the Auditorium of McElroy Hall for you to meet the breeds. Learn more about each breed and how to properly care for them, and discover canine training events that you can become involved in to strengthen the bond between human and animal and promote good dog ownership. To get even more information, stop by their booth in between presentations!

Oklahoma City Disc Dogs
Come see the high flying, fast flipping, frisbee catching fun from the OKC Disc Dogs and their handlers! These canine athletes train hard with their owners to put on a good performance for the crowd and prepare to compete. Today provides an opportunity for you to watch them show off their best tricks at 9:30 am, 12:30 pm, and 2:30 pm on the grassy knoll outside.

Zoo, Exotics, & Wildlife (ZEW) Club Silent Auction
Help support ZEW as they auction off thousands of dollars worth of donated items. The auction will run from 9:00 am to 2:00 pm in McElroy Hall, so stop by to see the club and check out the available items!
<table>
<thead>
<tr>
<th>Time</th>
<th>McElroy Hall (Auditorium)</th>
<th>Teaching Hospital</th>
<th>Outside (between McElroy and hospital)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 - 9:30 am</td>
<td>ZEW Club Silent Auction Starts</td>
<td></td>
<td>Pictures with Bullet</td>
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<tr>
<td></td>
<td>Class of 2020 Q &amp; A Session</td>
<td></td>
<td>Mobile Diary Classroom</td>
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<tr>
<td>9:30 – 10:00 am</td>
<td>Dog Breeds 101</td>
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<td>Pictures with Bullet</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OKC Disc Dogs</td>
</tr>
<tr>
<td>10:00–10:30 am</td>
<td>Vet School Admissions 101</td>
<td></td>
<td>Payne County K-9 Demo</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Equine Treadmill Demo</td>
</tr>
<tr>
<td>10:30–11:00 am</td>
<td>Physical Therapy Water Treadmill Demo</td>
<td></td>
<td>Pictures with Bullet</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Sit, Stay, Gol Demo</td>
</tr>
<tr>
<td>11:00–11:30 am</td>
<td>Enjoy the Sun! Avoid the Ticks!</td>
<td></td>
<td>Dogs on Display</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Equine Treadmill</td>
</tr>
<tr>
<td>11:30–12:00 pm</td>
<td>Pacemakers for Pooches: A New Leash On Life</td>
<td></td>
<td>Payne County K-9 Demo</td>
</tr>
<tr>
<td>12:00–12:30 pm</td>
<td>Physical Therapy Water Treadmill Demo</td>
<td></td>
<td>Sit, Stay, Gol Demo</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Equine Treadmill</td>
</tr>
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</tr>
</tbody>
</table>
Boren Veterinary Medical Hospital Map

Boren Veterinary Medical Hospital Key

1. Grey Snow Eagle House
2. Eye See you
3. It’s What’s on the Inside That Counts
4. Physical Therapy Water Treadmill Demonstration
5. Neurology
6. The Donor Life
7. ZEW Club Booth
8. Teddy Bear Surgery
9. Anesthesiology
10. OSU-OKC Veterinary Technology School
11. OSU Entomology Department: Insect Adventure
12. Department of Integrative Biology
13. CT Scanner/Diagnostic Imaging
14. OSU Pre-Veterinary Club
15. OSU Collegiate Cattlewomen
16. OADDL
17. Saving Shelter Lives
18. Thoroughbred Athletes, Inc.
19. Integrative Veterinary Medicine
20. Horsin’ Around Town
21. Palpation Practice Booth
22. Ruminination Station
23. Totes McGoats
24. Weigh Yourself / Scales
25. Oklahoma Thoroughbred Retirement Program
26. Oklahoma Large Animal First Response
27. Equine Treadmill
28. Pictures With Bullet / Pistol Pete
29. Circle A Draft Horses
30. Payne County Sheriff K-9
31. Sit, Stay, Go.

IT = Information Table
32. Mobile Diary Classroom  
33. Dunk Tank  
34. Anatomy... The Inside Story  
35. OKC Disc Dogs  
36. Dogs On Display  
37. NCVP  
38. Pragmatic Parasitology  
39. A Day at the Races  
40. Pete’s Pet Posse  
41. Food Trucks  
42. Registration/Information Table  
43. Fundraising  
44. Shelter Row  
45. Stillwater Kennel Club of Oklahoma  
46. Game Day Iron Works  
47. Face Painting  
48. ZEW Club Silent Auction  
49. Class of 2018/2019 Raffle  
50. Hill’s Tasty Treats  
51. Purina  
52. Royal Canin  
53. Merial  
54. Oxbow  
55. Operation Catnip  
56. Tiny Paws Rescue  
57. OTS Raffle
**Veterinary School Admissions**

**Requirements**
- VMCAS Application
- Processing fee through the OSU-CVHS website
- GRE General Test
- 64 Hours of required Pre-Vet Courses (see chart to the right)
- 3 Letters of recommendation - at least one from a veterinarian

**All Applicants**
- Apply through [www.aavmc.org](http://www.aavmc.org)
- Send application fee, evaluations, and GRE scores to VMCAS
- Send all official transcripts to VMCAS
- GRE scores to VMCAS
- Send application fee, evaluations, and transcript to VMCAS
- Apply through the OSU-CVHS Application and 2:00 pm to discuss the different programs available to prospective DVM

**Deadlines**
- VMCAS, Supplemental, GRE scores, and recommendation letter deadline - September 15th
- Pre-Vet courses completion deadline - June 1

**Required Pre-Veterinary Courses**

<table>
<thead>
<tr>
<th>Required Course(s)</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>English Composition I &amp; II</td>
<td>6</td>
</tr>
<tr>
<td>English Elective</td>
<td>3</td>
</tr>
<tr>
<td>Inorganic Chemistry &amp; Lab</td>
<td>8</td>
</tr>
<tr>
<td>Organic Chemistry &amp; Lab</td>
<td>5-8</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Physics I &amp; II</td>
<td>8</td>
</tr>
<tr>
<td>Animal Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>Biological Sciences</td>
<td>8</td>
</tr>
<tr>
<td>Microbiology &amp; Lab</td>
<td>4-5</td>
</tr>
<tr>
<td>Genetics</td>
<td>3</td>
</tr>
<tr>
<td>Humanities/Social Science</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>64</strong></td>
</tr>
</tbody>
</table>

High School Students: Ask about the Early Admission Program and what it can do for you!

For more information, visit our website: [www.cvhs.okstate.edu](http://www.cvhs.okstate.edu), email dvm@okstate.edu, or join Anna Teague in the McElroy Hall Auditorium at 10:00 am and 2:00 pm to discuss the different programs available to prospective DVM.

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**Graduate School Admissions**

The Center for Veterinary Health Sciences’ Veterinary Biomedical Sciences (VBSC) graduate program offers MS, PhD students paths to careers in animal and human health through research in focus areas of:

- Clinical Sciences
- Infectious Diseases/Parasitology
- Physiology
- Stem cell biology
- Toxicology/Pharmacology

Sixty faculty participate as teachers and mentors for 30 to 40 students in the program, which is recognized for excellence in training students in biomedical sciences by the National Research Council study of doctoral programs. The VBSC program offers students learning opportunities and research training tailored to their interests. VBSC students hold bachelors or master’s degrees in biological science or DVM or equivalent veterinary degrees and come from all over the world to study at Oklahoma State University.

We offer several graduate programs: MS, PhD, Dual DVM/MS, Dual DVM/PhD, Residency/MS, Residency PhD and an Interdisciplinary Toxicology Certificate.

**Program Admission Requirements**

- Earned BS or higher degree in sciences
- Graduate Records Exam (GRE) 75 percentile on quantitative preferred
- 3.0 GPA or 75% of the maximal GPA preferred
- Statement of purpose
- Three letters of reference

**Graduate College Admission Requirements**

**Domestic and Permanent Residents**

- Must complete an application for admission
- Non-refundable application fee of $75
- One original transcript from each college or university attended

**International**

- Must complete an application for admission
- Non-refundable application fee of $75
- One original transcript from each college or university attended
- A TOEFL or IELTS score
- A financial affidavit for those with F1 or J1 visas

**Contact Information**

Michelle Kuehn
VBSC Graduate Program Support Specialist
108 McElroy Hall
405-744-3251 or michelle.kuehn@okstate.edu
The Dogs of Lincoln Program is a program where veterinary students work with the humane society of Stillwater and Lincoln Academy to pair high risk youth (at the alternative high school in Stillwater) with shelter dogs. The students keep the dogs at the school with them for 3 weeks and train them under the guidance of veterinary students.

Currently the students involved in this program are Sarah Hazell, Taylor Rolland, Erin Farrell, Ashley Chandler, Sam Ketcher, and Olivia Shoup. We are always looking for more student involvement! If you would like more information regarding this program please e-mail Sarah Hazell at shazell@okstate.edu. This is our third semester with the program. We pull 6 dogs from the shelter at a time, one for each classroom in the alternative high school. We have graduated 18 dogs with the program so far, all have been adopted!

Every year, thousands of children are admitted into hospitals across the country, and every year the Josh and Friends project supplies thousands of Josh Kits to sick children. A hospital can be a terrifying time for both the children and their families; Josh and Friends looks to bring some comfort to these children with a special stuffed dog and an “I’ll Be OK” storybook. This stuffed dog, “Josh”, can be taken into surgery or kept with sick children who otherwise wouldn’t be able to have a stuffed animal because Josh is designed to be hypoallergenic and easily sanitized.

The Josh and Friends Project partners with the AVMA and SAVMA nationally to provide funding for kits and many school SCAVMA chapters participate in the Josh project. As part of our commitment to our community, all Oklahoma State SCAVMA members are friends of Josh and help to raise money to buy kits for local hospitals. Once a year, Josh and Friends committee members travel to the selected hospital and spend time meeting with the children and handing out kits. In recent years, kits have been provided to The Children’s Hospital in Tulsa and OU Children’s Hospital.
One of our veterinary students, Rachael Scott, had the opportunity to volunteer in South Africa this past July. She volunteered for three weeks through the African Conservation Experience. During her time there, Rachael worked very closely with a wildlife veterinarian who specializes in conservation medicine.

Rachael assisted with cases at the Hoedspruit Endangered Species Center, Moholoholo Rehabilitation Center, and several privately owned game reserves.

During Rachael’s time there, they were able to successfully relocate four wild bull elephants. They also partnered with the game reserves along the Greater Kruger region to microchip and track a total of 15 wild white rhinoceros for conservation purposes. Rachael was also able to assist in a variety of treatments on lions at Moholoholo Rehabilitation Center. In addition, Rachael also aided in the diagnostic screening of Cape Buffalo for tuberculosis.

Hello, my name is Mackenzie Jochim and I am a 3rd year veterinary student at OSU. In July 2015, I was able to go to Grand Cayman and participate in a two-week long program called MARVET. MARVET is specifically geared towards veterinary medicine with marine animals and implementing our training into environmental conservation. I was able to take part in so many amazing and unique experiences, from working with sea turtles and dolphins, to doing fish and coral surveys while snorkeling! Our group also had the distinctive privilege of visiting the Blue Iguana conservation facilities, where we were able to learn about a species that has fewer than 1,000 individuals left in existence. Ever since I returned from my trip I have made sure to spread the word about this opportunity to my peers. I feel it was a great gateway experience to expanding what I have learned in veterinary school and applying it to species conservation and niche specialties within our profession.
Operation Catnip Stillwater (OCS) is a community based project with a mission to reduce the growth of the community cat population by Trap-Neuter-Return. This results in a lower number of cats presenting to local shelters and reduces the need for euthanasia.

OCS serves as training grounds for veterinarians and veterinary students for high quality, high volume sterilization techniques. OCS strives to increase community awareness of the value of spay/neuter and provide opportunities for volunteerism and involvement in bettering the lives of community cats.

A community cat is any stray, feral, or free-roaming cat living in the community. Our goal is to spay/neuter 1,000 community cats in 2016 and we need your help! Each clinic requires at least 80 volunteers to run efficiently and smoothly! No experience is necessary to volunteer at the clinics. Other volunteer opportunities include assisting at our Trap Depot where traps are loaned out and helping trap and transport cats to each clinic. Every volunteer is essential to our success.

OCS holds seven no cost, high volume spay/neuter clinics per year. Cats are sterilized, vaccinated, ear tipped, receive antibiotics and parasite prevention. Our next clinic date is April 10th. We will accept community cats brought to the clinic from anywhere in Oklahoma! For more information visit our website (operationcatnipstillwater.org) Be sure to like us on Facebook!

If you are interested in volunteering and/or signing-up community cats for a clinic contact us at: operationcatnipstillwater@gmail.com. We hope to see you at our next clinic!

The Boren Veterinary Medical Hospital

We are committed to providing the most up to date and state of the art patient care. It is our mission to serve the client with the utmost compassion and concern for their pet or animal’s problem, and to also serve as a source of support, outreach, and assistance to the referring veterinarian.

Some of the many services offered
Small Animal/Equine/Food Animal Surgery
Large and Small Animal Internal Medicine
Avian, Exotic and Zoo Medicine Services
Emergency/Critical Care Service
Equine Breeding Program
Rehabilitation Services
Neurology
Cardiology
Oncology

Routine Appointments
Monday through Friday  8:00 am - 5:00 pm
Phone: (405) 744-7000

Emergency Care
Available 24/7
Phone: (405) 744-7000

For more information visit us at:
http://cvhs.okstate.edu/osu-veterinary-medical-hospital
Lela Durci is a member of the class of 2017, 27 years old, and a native of Shreveport, Louisiana. When asked how long she has been doing art, she gives the common answer of “since I could hold a crayon”. Regardless of how common the answer is among artists, it is never the less true! She got her start drawing dinosaurs, dragons, and Pokémon. She still loves drawing these things, ideally a little better than she did as a 7 year old.

Aside from illustration and ink drawing, Lela also enjoys sculpture, ceramics, sewing, jewelry-making, crafting, and cosplay.

As for her veterinary medicine interests, she loves exotics medicine (especially fish and aquatics) pathology, wildlife, conservation medicine, necropsy, and public health. Lela hopes to keep drawing and improving her art while becoming the best veterinarian she can be. She has put her talents to good use here at the Oklahoma State University Center for Veterinary Health Sciences. She has drawn the cover art for the Open House booklet for the past three years, including 2016, and designed the asclepius collage on display in the reception area of the small animal teaching hospital.
Thank you for participating in the 2016 OSU-CVHS Open House!
We hope to see you