

CVM eNews - May 2019

Cornell College of Veterinary Medicine <cornellvet@cornell.edu>

Wed 5/22/2019 2:30 PM

To: Susanne K. Whitaker <skw2@cornell.edu>



Cornell University
College of Veterinary Medicine



eNews

May 2019



Message from the Dean

The academic year is nearly complete, and this weekend we will celebrate the accomplishments of our graduates who are completing D.V.M., Ph.D. and M.P.H. degrees, and later this summer the M.P.S. degree program. We are proud of you and excited to see the impact you will have as you help advance animal and human wellbeing

here and across the world. I look forward to welcoming your family and friends to the college to celebrate with you.

June is fast approaching, and with it our preparations for [Reunion 2019](#). All faculty, staff and students are invited to participate in festivities and help us welcome our alumni back to the college.

Thanks for all you have done to contribute to another successful academic year and I wish you a healthy, productive summer.

Lorin D. Warnick, D.V.M., Ph.D. '94
Austin O. Hooey Dean of Veterinary Medicine

Latest News



[College-designed AR app sparks new level of learning for veterinary students](#)



[Appetite for adventure: Elvina Yau, D.V.M. '20](#)



[Grant will help pet owners defray the cost of cancer treatments](#)

May Trivia

Look out for the answer to this month's trivia question in June's eNews!

How was Kirksey Curd (D.V.M. 1912) a pioneer at Cornell?

He was our first African-American D.V.M. graduate

Select

He discovered disease transmission by arthropod vectors

Select

He established our bovine mastitis research program

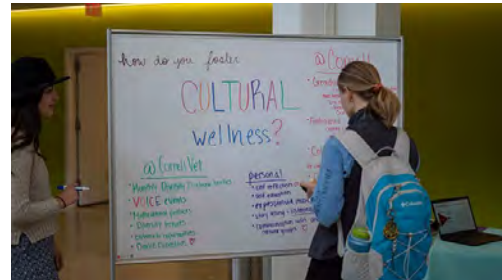
Select

April's trivia question: In 1908, CVM created the first _____ in the United States.

Answer: in 1908, CVM created the first **ambulatory clinic** in the United States. 40% of you got it correct! The clinic was established by Dr. Walter Williams, professor of veterinary surgery. Faculty and students went out by horse-drawn vehicles to farms in the surrounding area to serve patients who could not be transported to the college for treatment.

Community Notes

Hooding and commencement are this weekend! [View the schedule of events](#) and share your graduation experiences on social media using the hashtag #CornellVet.



We had a great turnout to the college's first annual **Wellbeing Fair**. Thank you to all who attended!



Participants in the **CVM basketball game** held a mini round robin tournament with two student teams and one faculty team. The second- and fourth-year student team beat the first- and third-years in the finals with a score of 16-9!

[May's Staff Council Spotlight is on Quality Milk Production Services!](#)

Pride Veterinary Medicine Community invites you to march in **WorldPride 2019** on Sunday, June 30 in New York City. WorldPride celebrates progress made by lesbian, gay, bisexual and transgender equality through international events and activities. [Tickets are free but you must RSVP here.](#) Cornell alumni are planning a float for the march as well as [a Cornell party at Stonewall that Saturday, June 29.](#)

Did you miss the **Town Hall** last month? [You can view the recorded proceedings here.](#)

[Hellos, goodbyes and HR update](#)

CVM in the News



[Veterinary Practice News: Cornell team develops horse anatomy app for students](#)

The augmented reality app, developed by ESS, overlays a digital image of a horse limb onto surroundings via an iPad.



[The New York Times: 5 questions all cat or dog owners should ask their vets](#)

Dr. Leni Kaplan offers suggestions for owners coming to their veterinarians with a list of questions.

More News

More Events

Have Ideas to Share?

Let us know what you want to see in the Community Notes portion of eNews. Contribute events and articles which might be of interest to your colleagues and the CVM community at large.

Send in your submission by 6/14/19 to cornellvet@cornell.edu. Make sure to put eNews in the subject line so that your item can be considered for the next issue.



Cornell University | Cornell University, College of Veterinary Medicine, Ithaca, NY 14853

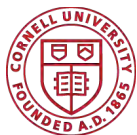
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College-designed AR app sparks new level of learning for veterinary students

🐾 Wednesday, May 8, 2019 - 4:27pm



A first-year veterinary student experiments with the Equine X-Ray Positioning Simulator.

Cornell veterinary students can now get a leg up in learning equine anatomy, thanks to a custom-designed app created at the college. Students of VTMED 6101 (Anatomy of the Horse) were the first to practice taking radiographs of a horse's carpus – equivalent to the human wrist – with the Equine X-Ray Positioning Simulator this spring. Developed by a team in CVM's Educational Support Services (ESS), the augmented reality app superimposes a digital image of a horse limb onto the surroundings seen through an iPad.

"The students were so excited and seemed to really enjoy the technology," said Allison Miller '03, D.V.M. '07, lecturer in the Department of Biomedical Sciences and the Department of Clinical Sciences, who teaches the eight-week equine anatomy distribution course.

The app was funded by an internal Educational Technology Innovation Grant and is part of the larger equine carpus modules project Miller created with the support of ESS to help D.V.M. students study parts of the equine musculoskeletal system --a subject students often find challenging.

“We try really hard not to teach anatomy as memorization,” Miller said. Instead, in a “flipped classroom” approach, she first had students complete out-of-class modules, such as dragging and dropping bone labels onto parts of a horse’s body in a series of online interactive exercises. “The idea is to better prepare them for more meaningful and in-depth classroom discussions,” she explained.

In class, students applied their new knowledge of equine anatomy to two real-life case scenarios. “The app came in at this point, as it allowed them to practice their radiographic positioning for the views that they would take as part of one of the case workups,” Miller said.

AR in the atrium



CVM students practice using an augmented reality app developed by a team in CVM’s Educational Support Services (ESS).

In the open space of the CVM atrium in front of the lecture hall, the twenty students each used an iPad to project a 3D model of full-size equine thoracic limbs onto the floor. They could walk around the simulation,

slide back the skin to reveal the underlying bone structure, position a light beam on the image, and capture a series of required radiographic views, which Miller later graded.

“Students can hear a lecture on how to take certain oblique radiographic views, but actually positioning yourself to take them might prove more challenging,” Miller said. Working with the app, she hopes, will give them the opportunity to practice and gain mastery and confidence without the need for innumerable live animals or the risks associated – for both practitioners and patients – with repeated exposure to x-ray beams. Thereby the augmented reality app bridges

pre-clinical and clinical content and shows students early in the curriculum why the anatomy they are studying will be important in the field.

Tech teamwork

Getting to this point, however, took months of experimental work. “This was a fantastic project that brought together our full ESS team,” said lead instructional designer and project manager Andrea Beukema. After considering an online, computer-based 3D simulation, the team decided to try to create an augmented reality app to make the radiograph exercise more physical and realistic.

At the heart of the app is a 3D model of the equine carpus and the underlying skeleton built by medical illustrator and animator Allie Buck. “Normally, veterinarians have to crouch down to radiograph the distal equine limbs, so I made my model life-size, hoping that students would naturally feel the need to kneel or crouch down to take their radiographs,” Buck said. “And they did.”

Julie Powell, ESS courseware programmer, then wrote the module with the Unity gaming software – a completely new challenge, despite using it to create online interactive games for other courses. “There is a steep learning curve for developing augmented reality applications; because this is such a new technology, there is little documentation or code sharing available on the internet,” Powell said. “It took me several months just to be able to display the equine carpus on the floor in front of the iPad.”

A new teaching tool



Aliyyah Noel, D.V.M. '22, a student in "Anatomy of the Horse," tests out the augmented reality app on an iPad.

In the end, the team's gamble paid off. “The app was amazing,” said Tyler Olson, D.V.M. '22, a student in the class who had previous experience with augmented reality devices outside of the educational context. “I found it to be pretty self-explanatory and user-friendly.” This sentiment was shared by most of his classmates, who in course evaluations overwhelmingly responded that they found the app and out-of-class exercises to be helpful in learning the material.

“I had never used any augmented reality device, so I was blown away by how realistic it was,” said Stephanie Bandoski, D.V.M. '22. “It was a lot of fun taking x-rays with instant gratification, since you knew immediately if you were angled at the right position. I'm very thankful Dr. Miller and the ESS team put in the effort to make this happen.”

Considering such positive feedback, the augmented reality app will likely become a fixture in Miller's teaching. In fact, “I would like to integrate more of these type of experiences into the pre-clinical curriculum,” she said.

“I would have loved to have had this app when I was a student, first learning about positioning for equine oblique radiographs and learning the anatomy,” Miller said. “I'm so jealous of the technology the veterinary students have available to them now to enhance their learning. While nothing can fully prepare you for an emergency where you have primary case responsibility and emotions are running high, I think we are doing our absolute best to prepare our students while they are here.”

-By Olivia Hall

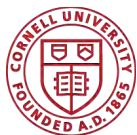
A different version of this story also [appears in the Cornell Chronicle](#).

Cornell University College of Veterinary Medicine

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Cornell University ©2016



Appetite for adventure: Elvina Yau, D.V.M. '20

🐾 Wednesday, May 8, 2019 - 2:35pm

The online moniker for Elvina Yau, D.V.M. '20, captures much about her. Known as Elvina the Explorer to followers of her [blog](#) and [Instagram account](#), the third-year veterinary student professes a “cheesy love for alliteration” and a personal philosophy that values curiosity and an adventurous outlook. “I’ve always fancied the idea of being someone who sets off to discover, traverse and investigate, whether in the context of scientific research, travel or personal soul-searching,” she said.

True to this spirit, the native of Long Island, New York, has followed her passion for animals and their health to far-flung places across the globe, from Australia to Africa and Asia. It has also landed her at Cornell’s College of Veterinary Medicine, where her current pursuit of a D.V.M. degree recently received a boost from three prestigious scholarships: the [Merck Animal Health Scholarship](#), the [Zoetis/AAVMC Veterinary Student Scholarship](#) and the [Simmons Educational Fund Business Aptitude Award](#).

“I was surprised, humbled and deeply grateful upon winning these scholarships,” said Yau, one of three sisters whose parents immigrated from China. “As a first-generation student, I’m especially driven to honor the educational privileges made possible by familial sacrifices. My acceptance to the College of Veterinary Medicine was monumental for my family.”

Yau’s path to Cornell began on her parents’ living room couch, where she used to watch National Geographic and Animal Planet with her father every night. Now she regularly finds herself in the same settings that first inspired her love for animals and wanderlust.

Whether researching owl monkeys in Argentina during college at the University of Pennsylvania on her first-



A cheetah photographed by Yau during her Expanding Horizons project in Namibia.

ever international trip, studying zoology and kangaroos at the University of Melbourne during a semester abroad in Australia, or using Expanding Horizons funding to learn more about Asian elephant welfare in Chiang Mai, Thailand and cheetah nutrition in Otjiwarongo, Namibia – Yau embraces the physical, cultural and mental challenges of traveling and working abroad.

“In Argentina, we marched for miles in the Gran Chaco forest through knee-high swamps and muddy sludge to locate monkeys,” she recalled. “Despite incurring injuries and illness, communicating complex terms in a second language, living in a

campsite where natural predators lurked and not showering for days, it was a sheer joy to traipse through the forest and sleep under the stars to the sounds of crooning birds, frogs and other mysteriously wonderful wildlife.”

Yau’s experiences have found a complement in coursework on One Health, moving her onto a path toward a career in conservation medicine. Along the way, she has been honing longstanding interests in photography and writing, for example through an internship with CVM Marketing and Communications department at CVM, freelance journalism for non-profit organizations and the environmental news platform Mongabay, and her blog.

“Ultimately, becoming a veterinary photojournalist establishes my niche in society,” Yau said. “I’ll be lending a healing hand, compelling image and resonant voice to our beloved cohabitants of the animal kingdom, who in turn sustain my curiosity and personal fulfillment.”

By Olivia Hall



Cornell University College of Veterinary Medicine

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Grant will help pet owners defray the cost of cancer treatments

🐾 Tuesday, April 30, 2019 - 9:09am



Since partnering with Cornell in 2010 to combat pet cancer, the Petco Foundation and Blue Buffalo have provided \$500,000 to Cornell for treatment and research, assisting 136 families thus far.

As part of a long-standing partnership with the Cornell University College of Veterinary Medicine, the Petco Foundation and Blue Buffalo have renewed a grant that subsidizes the cost of cancer treatments for dogs and cats.

The two-year, \$150,000 grant is part of the “Petco Foundation & Blue Buffalo Cancer Treatment Support Fund,” available at the Cornell University Hospital for Animals to owners who otherwise could not afford the cost of treating pets diagnosed with cancer. Since partnering with Cornell in 2010 to combat pet cancer, the Petco Foundation and Blue Buffalo have provided \$500,000 to Cornell for treatment and research, assisting 136 families thus far.

“Many pets greatly benefit from radiation and chemotherapy after a cancer diagnosis, but affording treatment can be difficult for some owners,” said Dr. Meg Thompson, director of the Cornell University Hospital for Animals. “We are grateful to the Petco Foundation and Blue Buffalo for a grant that alleviates a large portion of this stress during an already challenging time for clients.”

“Pet cancer touches more and more families each year, which is why we, along with Blue Buffalo, are committed to helping pet owners afford treatment for their beloved pets,” said Susanne Kogut, president of the Petco Foundation. “We’re encouraged by the strides experts in the veterinary oncology field are making and we are committed to supporting their efforts to find lifesaving pet cancer treatments so our pets live longer lives by our sides.”

“Our partnerships with the Cornell University College of Veterinary Medicine, along with the Petco Foundation embodies our philosophy of giving back and supporting leading efforts to help find a cure for this terrible disease affecting dogs and cats,” said David Petrie, vice president of Blue Buffalo.

More information about patient assistance at the Cornell University Hospital for Animals [is available online](#).

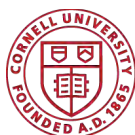


About the Petco Foundation

At the Petco Foundation, we believe that every animal deserves to live its best life. Since 1999, we’ve invested more than \$250 million in lifesaving animal welfare work to make that happen. With our more than 4,000 animal welfare partners, we inspire and empower communities to make a difference by investing in adoption and medical care programs, spay and neuter services, pet cancer research, service and therapy animals, and numerous other lifesaving initiatives. Through our Think Adoption First program, we partner with Petco stores and animal welfare organizations across the country to increase pet adoptions. So far, we’ve helped more than six million pets find their new loving families, and we’re just getting started. Visit petcofoundation.org to learn more about how you can get involved.

About Blue Buffalo Company

Blue Buffalo, based in Wilton, CT, is the nation's leading natural pet food company, providing natural foods and treats for dogs and cats under its BLUE Life Protection Formula, BLUE Wilderness, BLUE Basics, BLUE Freedom and BLUE Natural Veterinary Diet lines. Paying tribute to its founding mission, Blue Buffalo is a leading sponsor of critical research studies of pet cancer, including causes, treatments and the role of nutrition, at leading veterinary medical schools and clinics across the United States. For more information about Blue Buffalo, visit the Company’s website at www.BlueBuffalo.com.



Cornell University

College of Veterinary Medicine

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Commencement

Class of 2019 Commencement Week Information

Time	Description of Events	Location
	Cap and Gown distribution all week 5/20 thru 5/24 (must complete all surveys before picking up)	Office of Student and Academic Services
	Monday, May 20, 2019	
6:30pm	Senior Celebration (By invitation only) 6:30-7:30pm -Cash Bar w/hot and cold appetizers 7:30-8:00pm Award Ceremony and dinner with carving stations 8:00-10:30pm DJ and dancing	Statler Hotel Ballroom
	Friday, May 24, 2019	
8:30am	Hooding Rehearsal -Mandatory for the Class of 2019 Breakfast then instructions from Dr. Edmondson and Dr. Sweet on Hooding Ceremony	TBD
	Hood Distribution - Immediately following Rehearsal, all surveys must be completed to pick up	
	Saturday, May 25, 2019	
12:30-1:30pm	Convocation - https://commencement.cornell.edu/ Gates open at 9am, no tickets necessary, first come-first served For more information on convocation click here	Schoellkopf Stadium
1:45pm	DVM's arrive dressed in cap and gown, meet in basement of Bailey Hall for Hooding Ceremony Doors open to Bailey Hall	Bailey Hall
2:30pm	Hooding Ceremony Event begins (Tickets are not required, you may invite as many family and friends as you wish The ceremony will be live streamed. A link will be sent to the class of 2019	
4pm	Hooding Reception	Bailey Plaza
	Sunday, May 26, 2019	
8am	Commencement Gates open for guest seating for University event	Schoellkopf Stadium
9:30am	All DVM graduates assemble on Arts Quad for Academic Procession	Arts Quad
11am -12pm (noon)	Ceremony begins . This event is simulcast on local channel 16 and webcast at www.cornell.edu	Schoellkopf Stadium
12pm-5pm	Cap & Gown Return	

	For more information on University Commencement click here	Vet Medical Center entrance On Campus Rd-drop off boxes in entrance area
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Commencement: For special handicap accessible parking and seating on Sunday go to the University Commencement website for special permits and passes! <http://commencement.cornell.edu/may/plan/access/>

*In the event of severe weather on Sunday, the University may follow the [Cornell University Severe Weather Policy/Plan](#). The DVM graduate only will proceed to Barton Hall for the ceremony. All family, friends and guests will go to the viewing area assigned for the College of Veterinary Medicine. A list of viewing areas will be compiled and listed on the Commencement website.



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Staff Council Spotlight on Quality Milk Production Services

The CVM Staff Council is excited to spotlight the *Quality Milk Production Services (QMPS)* team in the May 2019 edition of CVM eNews. Quality Milk Production Services has been part of the College of Veterinary Medicine since 1946, and part of the Animal Health Diagnostic Center since 1986. Formerly known as the New York State Mastitis Control Program, Quality Milk Production Services is world renowned for the unique services it provides dairies throughout the United States and beyond. We had a chance to sit down with members of QMPS to learn a little more about the amazing services they provide to the dairy industry.

Staff Council: What does Quality Milk Production Services do?

QMPS: QMPS serves the dairy industry of New York State by promoting the production of high quality milk through the control of mastitis, and the avoidance of antibiotic residues in milk through field and laboratory diagnostic evaluations and recommendations.



Staff Council: What other services does your group offer?

QMPS: QMPS offers a wide variety of services, notably on-farm evaluations of management and equipment, and whole herd milk cultures. Additionally, we offer bulk tank monitoring, a laboratory proficiency testing program, farm surveys, parlor efficiency evaluations, language services, and a host of consultative services. Our mission is to meet the needs of producers, veterinarians, and the dairy industry through on-farm service, diagnostics, education, and research. We are a science based organization utilizing the most effective methods and technology to help producers improve dairy product quality and safety. Our work contributes to consumer confidence in the dairy industry. We accomplish our goals through an environment that encourages teamwork and continuing education.

Staff Council: Could you tell us more about your team?

QMPS: Our team is comprised of 35 members, with extensive dairy knowledge, spread across four laboratory sites. Having labs located in Central (Ithaca), Eastern (Cobleskill), Northern (Canton), and Western (Warsaw) New York provides us the ability to service dairies located throughout the state. Our team is made up of professors, senior extension associates, senior research associates, extension associates, research associates, extension aides, administrative assistants, and technicians. Each member plays an important role in the program.

Staff Council: What types of research does your team perform?

QMPS: We perform a wide range of research, typically epidemiological studies aimed at furthering the dairy industry's understanding of mastitis. Our goal is to improve milk quality on the farm by offering contract services to product development companies, ultimately resulting in more effective and diverse products for use by producers and veterinarians. In addition to contract services to companies, we also provide these services to federally funded programs, programs funded by the dairy industry, and nongovernmental organizations, to name a few. Our team does everything from trial design, to conducting the research, to statistical analysis, to reporting and authoring peer-reviewed publications.

Staff Council: Part of your mission includes education, could you tell us more about this?

QMPS: Education is a large part of our program. Our faculty members are part of the DVM curriculum and teach courses throughout the length of the degree. We also provide training for PhD students through our program. Additionally, we offer continuing education courses for veterinarians and industry partners.

Staff Council: It sounds like you are doing amazing things for the dairy industry! What are some of the most interesting things you have learned about cows from working with QMPS?

QMPS: We are learning new things every day.

- "In a pen of hundreds of cows, the jersey will be the first one to notice you."
- "Cows do not like changes to their routine."
- "A cow can see almost 360 degrees. A near-panoramic view which lets them watch for predators from all angles. However, they don't see well straight in front of them so they will typically turn their head to look at you."
- "We should leave a little more milk in the udder at the end of milking."
- "Cows are actually very sweet and curious."
- "Baby cows are called calves, not baby cows."



Staff Council: I assume you like ice cream, so what are your favorite flavors?

QMPS: We do like ice cream.

- "The flavors that Ben & Jerry's make."
- "I love all ice cream!"
- "I love chocolate ice cream."
- "Cherry Garcia."
- "Basic chocolate swirl....yummm."

- "Black cherry."
- "Panda Paws, obviously."
- "My favorite is definitely classic strawberry."

Staff Council: Here is a silly question, what is your spirit animal?

QMPS: Surprisingly, not everyone that works for QMPS has a cow as their spirit animal.

- "Definitely a koala."
- "Tiger for sure."
- "Definitely a meerkat, because Hakuna Matata."
- "A monkey."
- "Cow."
- "A combination of Scrat (the squirrel) from Ice Age and Dug (the dog) from UP."

Staff Council: What do you love most about your position with QMPS?

QMPS: We all appreciate something a little different.

- "Direct interaction with the dairy industry, veterinarians, and farmers leading to tangible, real-world impact."
- "It is interesting, even after many years working with the dairy industry. I enjoy going to the farms and getting to know the producers and managers; I enjoy helping them reach their goals."
- "I get to work with a great team to help dairy farmers improve udder health and milk quality."
- "I love the variety each day brings."
- "I love the flexibility and variety, it is far from just lab work. I love the challenge of research."
- "Being able to work with an amazing group of people that care deeply about the cows."
- "I get to do A LOT of different things. I really enjoy working in the lab, but I also like being able to get out of the lab during the courier route, and meet a lot of great people in our dairy community."

Staff Council: Could you tell the College community something they do not know about QMPS.

QMPS: QMPS is multifaceted.

- "Our daily in-person, phone, and email interactions with farmers, herd's people, milkers, and veterinarians makes us unique. Without these interactions to help improve the dairy industry we are just a testing lab. And seeing the calves, lambs, and goat kids just makes our day."
- "Our team works seven days per week to provide farms with culture results."
- "The work being performed by QMPS is positively impacting the cows, consumers, and environment."

Staff Council: Thank you, Quality Milk Production Services, for being our CVM Staff Council's May 2019 Spotlight! To learn more about the Quality Milk Production Services, or the Animal Health Diagnostic Center, please visit their webpages listed below.

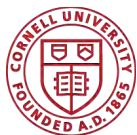


Animal Health Diagnostic Center: <https://www.vet.cornell.edu/animal-health-diagnostic-center>

Quality Milk Production Services: <https://www.vet.cornell.edu/animal-health-diagnostic-center/programs/quality-milk-production>

Do you have ideas or suggestions for an upcoming Spotlight? Email us at cvmstaffcouncil@cornell.edu!

Look for our June Spotlight with the Accounting Service Center!



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May 2019: Hellos, goodbyes and HR update

Help us welcome new employees who joined the CVM community in April and bid a fond farewell to those who have retired.

New Hires

- **Krystal Boyce**, Lab Processing Assistant II-Shipping/Media Prep, Animal Health Diagnostic Center
- **Mitzi Clark**, Assistant Clinical Professor, Department of Clinical Sciences
- **Susan Branch**, Administrative Assistant III, Department of Clinical Sciences
- **Maureen Fanning**, Client Service Rep-Cornell Ruffian Equine Specialists, Cornell University Hospital for Animals
- **Thomas John Fayton**, Instructor, Department of Microbiology and Immunology
- **Sarah Enid Nickerson**, Program Assistant I, Department of Population Medicine and Diagnostic Sciences
- **Carolyn Chow**, Talent Acquisition and Workplace Climate Program Lead, Office of Human Resources
- **Cassandra Quinn**, Administrative Assistant III, Cornell University Hospital for Animals

Retirements

- **Amy Glaser**, Senior Extension Associate-AHDC Molecular Diagnostics, Department of Population Medicine and Diagnostic Sciences
- **Inda Mahler**, AHDC Diagnostic Tech I-Virology, Animal Health Diagnostic Center

Human Resources Update

Do you know a Cornell employee ROCKSTAR?

Make sure they get the recognition they deserve—nominate them for one of the **President's Awards for Employee Excellence!** Beginning May 15, nominations will be accepted for four individual and one team award categories to recognize the achievements of staff and faculty at Cornell. Any employee can nominate another or a team, or, with specific documentation, can self-nominate.

This year's categories:

- **The Game Changer Award:** Recognizes an employee who developed, implemented or tried a new approach, system or idea.
- **The Mission-Possible Award:** Recognizes a staff member whose work demonstrates excellence in supporting the university's core mission areas of learning, discovery and engagement.
- **The One Cornell Award:** For a team, department or group of employees that implements a project or solves a problem that positively impacts Cornell and the greater community. There is no size limit for group nominations. Please be aware that due to time considerations we may not be able to name each individual in the group at the awards ceremony.
- **The Culture of Belonging Award:** Recognizes an employee who goes beyond expectations to create and support an open, inclusive, welcoming and equitable workplace environment. This person speaks up as an ally when witnessing unfair treatment and puts diversity and inclusion principles into practice in their everyday work.
- **The Thoughtful Leader Award:** Recognizes an employee who brings out the best in others and mentors or coaches colleagues with exceptional skill.

Additionally, a special Trustee Award – announced by Mary Opperman, vice president and chief human resources officer, at this year's Jennie T. Farley Office Professionals Celebration April 24 – will be given to an outstanding nominee from across the categories. The awardee will be chosen by Mary Opperman and Robert S. Harrison '76, chairman of the Cornell University Board of Trustees.

For more information, see the [President's Awards for Employee Excellence](#) website or – beginning May 15 – [log in to the nomination form](#) directly.

Required NY State and NYC Harassment Prevention Training

Cornell is committed to providing and maintaining a safe and inclusive environment for all students, faculty and staff. We make this commitment because it is an essential part of creating a successful and equitable living, learning and working environment. Each member of our community benefits when our classrooms and workplaces are respectful and when the atmosphere is collegial and welcoming.

New York State and New York City require employers to provide annual training to their employees on how to address sexual harassment in the workplace. Cornell's training is available on our internal learning management system, CULearn, and is entitled "[Maintaining a Harassment Free Environment](#)." We are asking all of our employees to participate in this important training by October 9, 2019.

Cornell has many resources for employees on this topic. These resources include our program for all new employees, "[Respect@Cornell: Addressing Sexual Assault and Sexual Harassment](#)" (available to all employees on CULearn). The [Title IX website](#) and the [SHARE website](#) also provide additional information and resources for our employees.

Thank you for your engagement and attention on this very important issue. If you have any questions, contact any of the resources listed below. Please don't leave your questions on this essential topic unanswered.

Current Nonacademic Open Positions

The list below is dynamic and updated regularly. For additional information, please visit the Cornell Careers Page at <https://hr.cornell.edu/jobs>.

- Director of Finance and Enterprise Performance- Cornell University Hospital for Animals
- LVT- Dermatology, Cornell University Hospital for Animals
- LVT- Sports Med & Rehab Services- (1 year term position), Cornell University Hospital for Animals
- LVT- CAH Surgery, Cornell University Hospital for Animals
- Technician III (Cummings Lab)- Biomedical Sciences
- Diagnostic Technologist- Animal Health Diagnostic Center
- Dairy Field Technician, Animal Health Diagnostic Center
- Laboratory Operations Assistant II, Animal Health Diagnostic Center
- Program/Extension Aide II, Animal Health Diagnostic Center
- Medical Technologist Assistant, Endocrinology, Animal Health Diagnostic Center
- Histotechnician, Animal Health Diagnostic Center
- Teaching Support Specialist- CVM MPH & International Programs
- Assistant Director of Operations & Special Projects, CVM MPH & International Programs
- Animal Technician/Handler, Clinical Sciences
- Grants & Contract Assistant, Population Medicine & Diagnostic Sciences
- Technician III, Kurpios Lab, Molecular Medicine
- Laboratory Manager, Kurpios Lab, Molecular Medicine
- Assistant Director & HR Business Partner- CVM Office of Human Resources

Academic Open Positions

For a listing of open academic positions, please visit: <https://apps.hr.cornell.edu/recruiting/facultycareer.cfm>.

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Cornell team develops horse anatomy app for students

The app was created as a learning alternative to memorization

May 9, 2019

An app created by a team from Cornell University's College of Veterinary Medicine (CVM) is helping students learn and understand the anatomy of a horse.

According to the *Cornell Chronicle*, the Equine X-Ray Positioning Simulator is an augmented reality app that overlays a digital image of a horse limb onto surroundings seen through an iPad. The app was first used in the spring during CVM's eight-week Anatomy of the Horse course.

Allison Miller, DVM, lecturer in the department of biomedical sciences and the department of clinical sciences, helped create the app to allow students to study parts of the equine musculoskeletal system. "We try really hard not to teach anatomy as memorization," Dr. Miller told the news source.

According to the same article, Miller had students complete exercises such as dragging and dropping bone labels onto parts of a horse's body.

"Students can hear a lecture on how to take certain oblique radiographic views, but actually positioning yourself to take them might prove more challenging," Miller told the *Cornell Chronicle*. "While nothing can fully prepare you for an emergency where you have primary case responsibility and emotions are running high, I think we are doing our absolute best to prepare our students while they are here."



A Cornell veterinary student uses an iPad to project a 3D model of a horse limb onto the floor.

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5 Questions All Cat or Dog Owners Should Ask Their Vets

Bring this list of questions to ask your vet at your next appointment.

By Kaitlyn Wells

Ms. Wells is a staff writer at Wirecutter, a product recommendation site owned by The New York Times Company.

April 29, 2019

Whether you're a lifelong pet owner or a first-time adopter, a trip to a rowdy and crowded vet's office can be a frazzling experience. I was once so distracted by my dog Sutton's incessant licking of her lips, an indicator of stress, that I forgot all about my mental checklist of questions until after the appointment ended.

If your attention is easily diverted by your pet's antics or you get nervous around doctors, make a plan. To ensure history doesn't repeat itself, I now save my questions, along with my pet's medical history and dietary notes or troubling symptoms, to my phone ahead of every visit.

Dr. Leni Kaplan, a clinician and lecturer with Cornell's Small Animal Community Practice, said in an email interview that owners shouldn't feel embarrassed by coming in with a list of questions. "Veterinarians have pets, too, and have often faced the exact challenges our clients face," she said. "The more questions we can answer, the more successful owners and veterinarians will be in delivering the best care possible." Here's what both novice and experienced pet owners should always ask their vet at their next wellness exam.

What should I be feeding my pet?

Browsing the scores of pet food options on a store's shelves — each one enticing you with images of real ingredients and happy-go-lucky pets, and labeled with marketing buzzwords such as "handcrafted" or "grain-free" — can be overwhelming. Your vet can steer you toward the food that's ideal for your pet's age, breed, size and activity level.

“Veterinarians can and should offer advice on feeding, not the high school kid at the food store,” said Dr. Karen Louis, a veterinarian and owner of Metro East Vet in Belleville, Illinois. “Some pet food companies have hired marketing teams that are positively brilliant at confusing pet owners.”

How’s my pet’s weight?

My dog Sutton’s four-legged sister is a fluffy Maine-coon mix named Tanzie. For a time I attributed Tanzie’s robust appearance to her thick coat — until the day a friend called her “fat.” Even though I couldn’t see the chonk, my vet later confirmed my cat was indeed overweight.

“It can be difficult to assess a pet’s weight if they are fluffy and even harder to notice changes in weight when we see our pets every day,” said Dr. Karen Fine, a veterinarian with Central Animal Hospital in Leominster, Massachusetts.

No kidding. A 2018 clinical survey by the Association for Pet Obesity Prevention reported that 55.8 percent of dogs and 59.5 percent of cats are overweight or obese. Among all pet owners surveyed, 68 percent said they wanted their vet to recommend a routine or maintenance diet for their pet.

Dr. Fine added that weight gain can put pets at risk for diabetes and heart disease (not to mention shorten their lifespans, according to a study in the *Journal of Veterinary Internal Medicine*). Being underweight, in contrast, may point to a parasitic infection or chronic illness. So ask your vet about what the changes in your pet’s weight mean and, if necessary, the best way to get things back on track.

Time to Put Fluffy and Fido on a Diet? Feb. 4, 2019



How much exercise do they need?

Exercise helps people bond with their pets, aids in the pets' weight loss and curbs behavioral issues such as furniture scratching or trash rummaging. Although all pets need daily exercise, professionals agree the amount varies by a pet's age, breed and medical history.

Puppies that get short bursts of energy throughout the day, known as "the zoomies," need several daily play sessions or short walks to tucker them out, which is safer than one long session on their growing bodies. Samantha Aline Pierre, a licensed veterinary technician with Blue Pearl Veterinary Partners, said that "large breed dogs, living in the city, should be walked two to three times a day" in addition to engaging in regular play. But sedentary adult dogs such as Chihuahuas and Great Danes may need less physical and mental stimulation. And short-nosed dogs such as bulldogs have respiratory issues that make exercise difficult.

Most indoor cats need about 30 minutes of play a day, divided into two sessions. Pierre favors cat-sized hamster wheels, although any exercise tool will do. Fishing-pole toys with feathers, crinkle balls and puzzle feeders should do the trick if your cat isn't trained to leash-walk. (Wirecutter, the product review site owned by The New York Times Company, has recommendations for dog-walking harnesses, leashes and cat-enrichment toys.)

A veterinarian can offer an exercise regimen appropriate for your pet, as well as warning signs of overexertion so you know when it's time for a cool-down. They may also refer you to an accredited animal behaviorist or trainer for further insights into your pet's ideal activity level and how to manage behavioral issues.

How do their teeth and gums look?

Pets are adept at hiding their pain, so some owners may overlook dental care until symptoms become unavoidable. Stinky breath, rotting teeth or loss of appetite can mean periodontal disease, or worse, an infection in the heart, known as endocarditis. Your pet's doctor will check for early signs of infection at an annual wellness exam and propose a revised treatment plan.

"Similar to people, dogs and cats develop periodontal disease if their teeth are not brushed daily and oral health is not maintained," Dr. Kaplan said.

Can you explain my bill?

Pet owners trust professionals to guide them on what's needed to keep pets happy and healthy. Yet the recommendations aren't always affordable. Last year the American Pet Products Association reported that the average routine vet visit cost \$182 for cats and \$257 for dogs — and that surgical visits cost almost double.

The best veterinary clinics are up front about the costs of treatments they recommend as well as the associated benefits and risks. If the quoted fees turn your face pale, tell your vet about your budget so you can agree on a cost-effective treatment plan that won't compromise your pet's well-being. If you have pet insurance that you'd like to use to offset some of the costs, keep in mind you'll need a detailed receipt to submit to your plan for reimbursement — only a few insurers link up with clinics directly to share billing and payment info. (Wirecutter recommends Trupanion's plan for most cats and dogs.)

“Veterinarians are trained to offer the best, but not every owner can afford the ‘Cadillac treatment,’” Dr. Louis said. “If something doesn't make sense on the estimate, ask. Many times the ‘Honda Civic treatment’ works fine.”

More Pet Insurance Policies Are Being Sold. But Are They Worth the Cost? Jan. 4, 2019



Questions go both ways

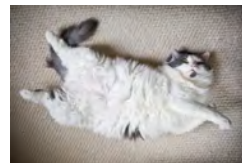
Before you get to your questions, expect your vet to ask about your pet's diet, behavioral changes and prescriptions, such as anxiety meds or pest preventives. To ensure you don't forget anything, jot down the food and medication names, feeding frequencies and dosages.

Documenting your pet's routine and any questions you have ahead of time ensures that you won't get rattled by your pet's nervous behavior at the clinic. “Since our pets can't talk, it's up to us to give the vet as much information as possible,” said Kim Crawford, the president of Friends with Four Paws, an Oklahoma-based animal rescue group. “You are the voice for your pet; don't settle. Your pet's health and well-being are in your hands.”

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A version of this article appears at Wirecutter.com.

Our Fat Pets Aug. 2, 2018



A version of this article appears in print on May 9, 2019, on Page A3 of the New York edition with the headline: Here to Help; 5 Questions All Cat or Dog Owners Should Ask Their Vets