

Reply all | ▾ Delete Junk | ▾ ...

CVM eNews - January 2019

C Cornell College of Veterinary Medicine <cornellvet@cornell.edu>
Tue 1/15, 3:45 PM
Susanne K. Whitaker ▾

MHA ▾ Reply all | ▾

Inbox

Unsubscribe



Cornell University
College of Veterinary Medicine



eNews

January 2019



Message from the Dean

Happy new year to all. I hope that you had some time for rest over the break and that it left you with a sense of renewed purpose for 2019. I am excited for what our college has planned this coming year.

Soon we will be hosting the third annual [Animal Health Hackathon](#) at eHub in Collegetown from Jan. 25-27. This event, and our partnership with Entrepreneurship at Cornell, provides an opportunity for students from Cornell and beyond to put their creativity and teamwork to the test. Their innovative approaches to veterinary healthcare give us a glimpse into the future. In a related initiative, we are making progress on the business and entrepreneurship goals from the college's strategic plan and will be discussing specific plans in academic department meetings over the next six weeks.

[The Westminster Kennel Club Dog Show](#) follows the hackathon by just a few weeks. Not only will we be providing the official veterinary care for the animal participants, our clinicians will also be answering attendee questions, sharing their insights in informational

working to make the first year of this partnership successful.

We are appreciative of SUNY and university support to begin two important facilities projects this year; the first of these will be renovation of the west end of the ground floor of Schurman Hall and the second is a major project to consolidate and modernize Equine Park facilities. I thank all those involved with the planning and implementation of these projects and the research teams who have moved to temporary space during the renovation. Watch for further notices from our Facilities team for details on these projects.

Wishing you a productive start to the new semester,

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

Latest News



[Culture of inclusion yields diverse student cohorts](#)



[CVM course spurs project aiding Javan rhino conservation effort](#)



[Regenerative laser therapy proves beneficial for equine athletes at CRES](#)

January Trivia

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

The first issue of "The Cornell Veterinarian" published in 1911. When did it cease publication?

1994

Select

2004

Select

It is still an active publication

Select

Answer: Multicategorical Research Facility. 51% of you answered correctly! The facility was known as the "Multicat" for short.

Community Notes

Share your views and ideas on how we can strengthen our culture of diversity

Many Voices, One College

A monthly diversity and inclusion dialogue series

You are invited to hear
Dr. Meg Thompson,
Associate Dean of
Hospital Operations &
Corporate Relations,
Hospital Director, share
her life story. "I get botox."



Tuesday, January 29th

Noon to 1pm in the green room (S2-223) adjacent to the Café
Food will be provided

Join us for January's Many Voices, Once College event on Jan. 29 at 12 p.m. in the Green Room (S2-223). Dr. Meg Thompson will share her life story. Food will be provided.

[The third annual Animal Health Hackathon is next week - learn more or register online](#)

[Hellos, goodbyes and HR update](#)



Thank you to the Staff Council for another successful Cookies & Cocoa event!

CVM in the News



The College of Veterinary Medicine is on the road to Westminster! Christopher Frye, D.V.M. '11, Dr. Susan Hackner and other experts from both Ithaca and Cornell University Veterinary Specialists filmed informational shorts on topics like sports medicine, oncology and general wellness for the upcoming Westminster Kennel Club Dog Show.

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 2/15/19 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

[Unsubscribe skW2@cornell.edu](mailto:Unsubscribe_skW2@cornell.edu)

[Update Profile](#) | [About our service provider](#)

Sent by cornellvet@cornell.edu in collaboration with



Try it free today

Getting too much email from Cornell College of Veterinary Medicine <cornellvet@cornell.edu>? [You can unsubscribe](#)



Cornell University College of Veterinary Medicine

[CVM](#) > [News](#) >

Culture of inclusion yields diverse student cohorts

🐾 Tuesday, December 18, 2018 - 3:44pm



Toni Thibeaux, program coordinator for Cornell's MPH program

Academia has a well-known diversity problem and the field of public health is no exception. But at Cornell, the new Master of Public Health program has successfully recruited diverse cohorts for its first two classes. Toni Thibeaux, the program coordinator, credits their success to a strong culture of inclusion across the program. She recently presented their diversity and inclusion strategies at the 2018 annual meeting of the Association of Schools and Programs for Public Health.

Instead of setting targets for diversity recruitment, Thibeaux has taken a different approach. She and her colleagues have developed a family atmosphere within their small program, where all students are responsible for each other's success. This sense of belonging among the students has attracted a diverse applicant pool that allows the admissions committee to select qualified students whose career goals align with the program's mission, without considering minority status. "For two years straight we've been able to manage without targeting certain populations," said Thibeaux. "We feel really good about that."



Building relationships between people with different backgrounds is a vital part of the MPH program.

In the first two cohorts, 19 percent of the members are first-generation students and 33 percent belong to an underrepresented minority group, which includes people of color, as well as graduate students who are single parents or who have a disability.

Building relationships between people with different backgrounds is a vital part of the program. “That’s public health,” said Thibeaux. “We’re always trying to go into communities and find an intervention that works. But if you’re an outsider looking in, how do you get that community to accept you and your ideas?”

As an African American and a first-generation student, Thibeaux understands that no one wants to be a statistic. She is proud that the MPH program is setting standards to create an environment that enables all students to achieve. “Across academia, we could all take a few notes on that.”

By Patricia Waldron



CVM course spurs project aiding Javan rhino conservation effort

🐾 Friday, December 14, 2018 - 9:26am



A male Javan rhinoceros is pictured at Ujung Kulon National Park in Indonesia. Photo by David Hermanjaya/World Wildlife Fund.

Rhinoceroses are instantly recognizable by their rumped gray skin, immense snouts and iconic horns, but not so much their voices.

That could change thanks to the efforts of Montana Stone '19, who is working to document the vocalizations of Javan rhinos through a collaboration with the Lab of Ornithology's Bioacoustics Research Program and Indonesia's Ujung Kulon National Park.

Stone's project began in summer 2017, when she visited West Java as part of the Conservation with Communities for One Health course. Funded through Engaged Cornell, the One Health course sends multidisciplinary teams of undergraduate and Doctor of Veterinary Medicine students to Indonesia, Uganda and the Republic of the Congo to collaborate with groups like the Jane Goodall Institute in Africa and the Alliance of Integrated Forest Conservation in Indonesia.

Working with course leader Robin Radcliffe, senior lecturer in wildlife and conservation medicine, Stone began analyzing the sounds of rhinos captured on archival video recordings from Ujung Kulon and the World Wildlife Fund

(WWF) over the last decade. While the park uses camera traps to monitor the size of the critically endangered rhino population, no one had focused on the vocalizations before.

Stone, who studies evolution, said these vocalizations are unique.

“For instance, the vocalizations of the Sumatran rhino are thought to be more closely related to the extinct woolly rhino,” she said. “They vocalize almost constantly, and it’s comparable to the sounds of humpback whales. But Indian and African rhinos vocalize mostly through grunts.

“By doing that first analysis,” Stone said, “we were able to determine that Javan rhinos vocalize more similarly to the Indian rhinos. So we can learn a little bit about the evolutionary history of this mode of communication, which is pretty cool.”



Montana Stone '19, center, is pictured with rhinoceros field researcher Dr. Kurnia Khairani, left, and U Mamat Rahmat, a researcher from Bogor Agricultural University. They are holding a Swift audio recorder, created by the Lab of Ornithology's Bioacoustics Research Program. Photo provided.

This summer, Stone returned to Indonesia for two months as a teaching assistant for the One Health course. With financial support from the [Atkinson Center for a Sustainable Future](#), she was able to bring along 25 Swift boxes – small, lightweight, acoustic recorders created by the Bioacoustics Research Program to capture the sounds of wildlife (often elephants) in their natural habitat. Montana trained Ujung Kulon’s rhino health and protection units, and WWF employees on how to set up and deploy the Swift boxes throughout the park.

The technology is paired with camera traps to render a complete audio-visual record of the rhinos, which are notoriously difficult to see in the dense forest. Park rangers can sometimes go years without spotting one.

The project comes at a crucial moment for the Javan rhinos. There are currently only 68 remaining – without any in captivity – and Ujung Kulon sits atop a fault line near an active volcano. The Indonesian government has approved an ambitious plan to relocate some of the rhinos to safer terrain. Stone and Radcliffe are hopeful their research may aid in the animals’ transport.

“If you play the calming tones of the mother – in the case of the Javan rhino, it would be the nonaggressive grunt, which is repetitive and occurs at a regular interval – it might lower the stress level of the animal during transportation,” Stone said.

The recordings will also allow conservationists to better monitor the Javan rhino population and gain insights into their group dynamics and structure, and could help in identifying good candidates for translocation.

While Stone didn’t see any Javan rhinos in the wild during her trip, she did have another noteworthy encounter: She met Indonesian President Joko Widodo, at a coffee shop. “This was huge for one of our students, to meet the president of Indonesia, no matter what the circumstances,” Radcliffe said.

Stone is currently facing the most nail-biting part of the project: waiting for two external hard drives containing 16 terabytes of acoustical data to be shipped back to Ithaca so she can begin analyzing the audio with the Lab of Ornithology’s Raven software, which turns audio signals into spectrograms that can be examined more quickly and efficiently.

Even with the software accelerating the process, the task is daunting. Stone must review information from 23 cameras, each recording 23 hours and 55 minutes every day for two months. Stone expects to spend four to six weeks sifting through the findings.

“Sounds like her Christmas is gone,” Radcliffe said with a laugh.

Meanwhile, the Swift boxes have been donated to the WWF to aid in their rhino conservation efforts, with an extra pair of the recorders given to a team who recently trapped a [Sumatran rhino](#) that had been eluding conservationists in Borneo for months.

“This is one of the rarest rhinos in the world,” Radcliffe said. “There’s only a handful on Borneo. Even though Montana is focused on the Javan rhino, it might have implications for the Sumatran rhino as well.”

Of course, all this attention to the vocalizations of rhinos shouldn’t detract from the species’ exterior qualities. During their trip, Radcliffe and the students visited a Sumatran rhino sanctuary in Way Kambas.

“We were able to see one of the male rhinos,” Stone said. “It’s amazing. Every time you look at one, you see something different. They’re just beautiful, beautiful animals.”

By David Nutt

A version of this story originally appeared in the [Cornell Chronicle](#).



Regenerative laser therapy proves beneficial for equine athletes at Cornell Ruffian Equine Specialists

🐾 Friday, January 4, 2019 - 11:14am



John Pigott, D.V.M. '09, a veterinary surgeon with Cornell Ruffian Equine Specialists, has already treated roughly 30 equine athletes with a Class IV Regenerative Laser Therapy (RLT) laser purchased this summer. “There is good evidence that the laser has a beneficial effect on decreasing inflammation, speeding wound healing and improving the quality of repair in tendon and ligament injuries,” says Pigott. “We wanted to be able to offer this additional therapy to our patients as a non-invasive way to provide relief and better treat the injuries these athletes sustain.”

Part of a classification of very powerful “cold lasers” (those not used for cutting or destroying tissue), the Class IV laser is used with adjunctive therapies as part of a multimodal approach. For example, regenerative laser therapy may be used in combination with stem cells, platelet-rich plasma or shock-wave therapy.

Pigott says they begin RLT as soon as possible after diagnosis, such as after receiving magnetic resonance imaging (MRI) results. RLT has a potent anti-inflammatory effect that aids in pain relief and stimulates drainage from the lymphatic system. Cornell Ruffian Equine Specialists has found it beneficial to incorporate RLT into treatment for a variety of acute and chronic injuries such as tendon/ligament damage, laminitis and external wounds. “We also use it to decrease inflammation in the tissue around fractures,” he adds. “It brings edema down and stimulates cells so there’s more energy available for healing.”

For chronic conditions such as osteoarthritis, sore backs, necks and sacroiliac discomfort, RLT can improve range of motion and reduce stiffness. Sedation isn’t necessary during treatment and, because it’s on-site in the hospital, doctors can customize the treatment protocol to deliver the most targeted therapy possible. This could be administered as often as three or four times a day, depending on the condition being treated.

The laser was purchased in part with funds from a client who believed in the potential of the laser to aid in healing; the horse was then treated with laser therapy daily. Pigott says, “For that horse, the laser’s results in wound healing and decreasing inflammation associated with laminitis were amazing.”

Pigott cautiously points out since it’s typically part of a multi-modal treatment approach in Cornell Ruffian Equine Specialists, it is difficult to quantify the impact from laser as a sole modality in their clinical setting. However, a recent equine case-controlled laser study at another university demonstrated very promising results.

“Further case-controlled research involving this therapy, to better define the depth of penetration and histologic effect, is still needed,” he says. “But my clinical impression has been very positive.”

By Cynthia L. McVey

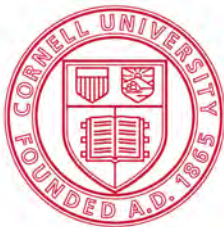
[ABOUT](#) [SCHEDULE](#) [SPONSORS](#) [CHALLENGES](#) [CONTACT](#)



JANUARY 25-27, 2019
409 COLLEGE AVE ITHACA NY

[SEE THE TEAMS](#)

PARTNERS



Cornell University
College of Veterinary Medicine

ENTREPRENEURSHIP
AT CORNELL

[**SPONSORS**](#)

WHAT IS A HACKATHON

A hackathon celebrates the use of minimal resources and maximum brain power to create outside-the-box solutions ("hacks") in a constrained time frame. This interdisciplinary event brings together students from across degrees, majors, and schools at Cornell, as well as other universities! On Friday evening, teams comprised of veterinary, business, engineering, and design students, form and begin to create solutions to needs in veterinary health care. On Saturday, mentors provide feedback and guidance to teams. On Sunday, the hackathon culminates in a project showcase to an audience of peers, mentors and representatives. A panel of judges select winners and award **\$8,000** to winning teams.

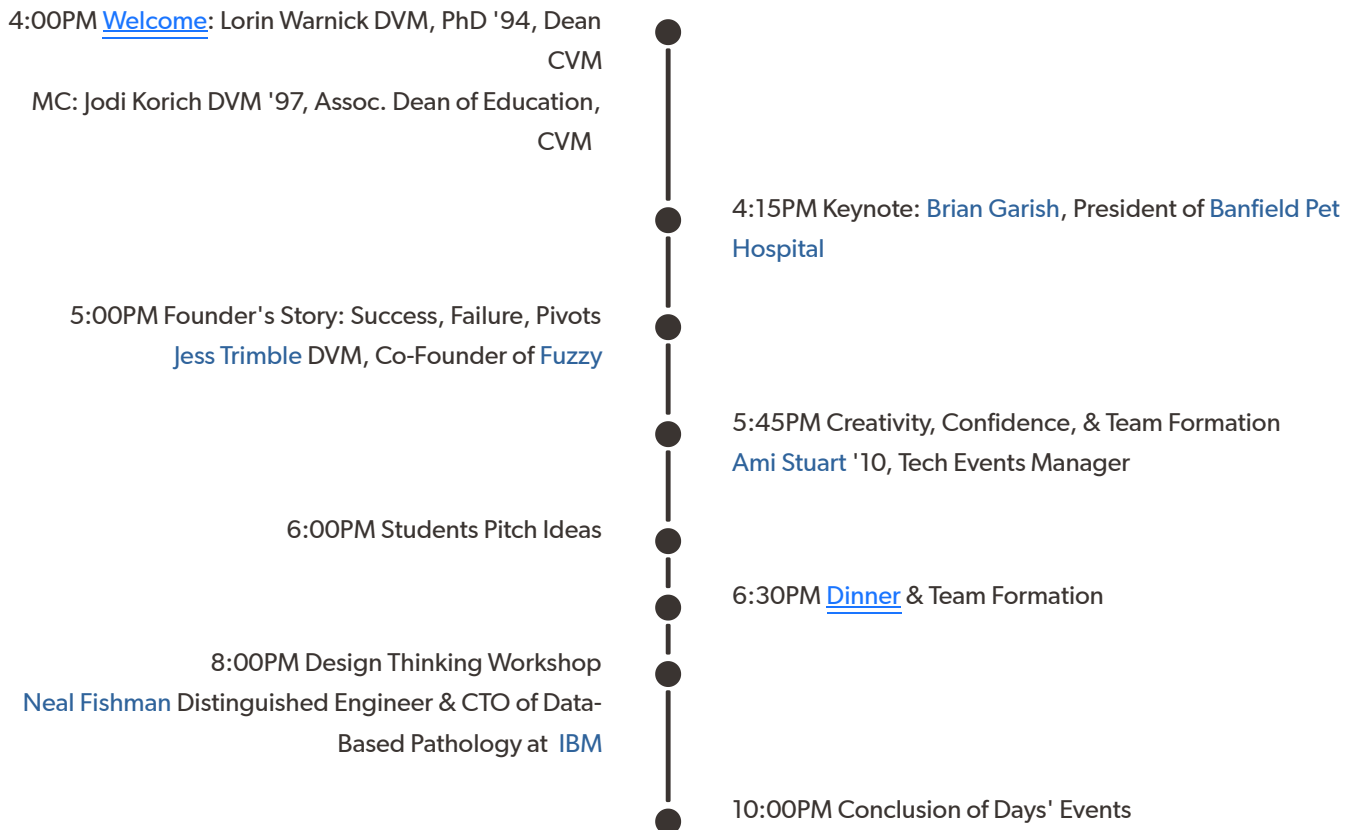
Students benefits from participation:

- Professional development: Build valuable competencies applicable in academic, corporate, and clinical careers, including idea generation, project management, communications and beyond
- Cross-discipline interaction: Work closely with students from other universities and Cornell colleges
- Industry leaders: Mentoring, networking and exposure with experts from leading tech and veterinary health companies and practices
- Academic: Earn academic credit for Hackathon participation and complementary work (via optional enrollment in hackathon affiliated course)
- Recognition: Accolades and monetary awards for winning teams

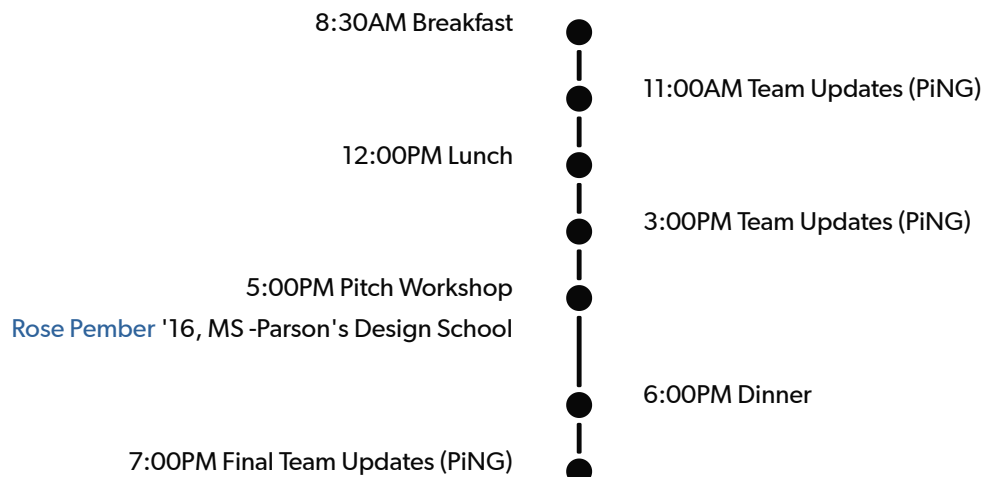
For additional information, please see the [FAQ](#)

SCHEDULE

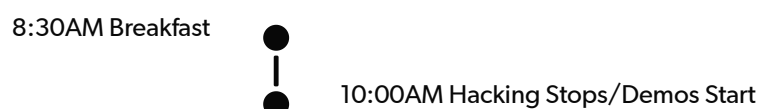
FRIDAY

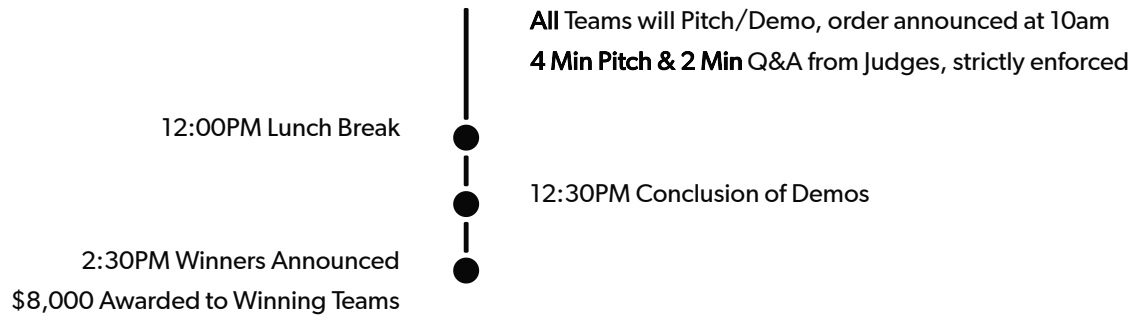


SATURDAY



SUNDAY





CHALLENGES

The scope of the hackathon includes the health of a broad range of animals including: food production; sports; wildlife; and companion/pets.

Below are a variety of animal health challenges students can choose from or you may choose to work on an idea of your own.

For more details for each challenge, go [here](#)

Farm Worker Education

Many dairy farm workers lack formal agricultural education. A significant proportion of workers cannot read or speak English and have limited literacy in their native language. On-the-job training from fellow employees results in inadequate knowledge and procedural drift of milking procedures. This problem results in improper milking routines that negatively impact cow health, including increased incidence of mastitis and use of antibiotics, and farm profitability.

[More Info](#)

Pharma Inventory

Veterinary hospitals receive shipments of pharmaceuticals on a routine basis. Inventory management is a labor-intensive task. Hospital support staff must manage the inventory by recording serial numbers and drug expiration dates, as well as monitoring for missing or stolen items. [More Info](#)

Animal Poaching

Illegal poaching of animals such as elephants and rhinoceros has resulted in significant reductions in populations levels. Some of the world's most iconic megafauna are on the brink of extinction and many other species have reached population levels that are incompatible with sustaining healthy gene pools. Poaching threatens the last of our wild tigers that number around 3,890. Wildlife crime is a big business, with wildlife and animal parts being trafficked by international criminal networks for large sums of money. According to the World Wildlife Organization, Rhino poaching in South Africa is estimated to have increased by 7,700% between 2007 and 2013. To date, anti-poaching laws and conservation programs have been ineffective in stopping wildlife crime. [More Info](#)

Cone Of Shame

An Elizabethan collar (E-collar) is a device placed around an animal's neck to prevent harmful licking and chewing. Veterinarians frequently fit dogs and cats with an E-collar post-operatively to prevent the animal from inflicting damage to a healing surgical site. Many pet owners object to the use of E-collars

Race Horse Leg Fracture

Thoroughbred and Quarterhorse racehorses are susceptible to catastrophic, fatal fractures of leg bones. Horses training or racing with pre-existing, undiagnosed subchondral bone sclerosis are at increased risk for these bone fractures. Early diagnosis of subchondral bone disease is critical for the

IV Inconvenience

Intravenous fluids are commonly administered to dogs as part of many therapeutic treatment plans. An intravenous catheter is placed in the patient's vein and the fluids are connected to the catheter via an IV fluid line. During hospitalization, the fluids are frequently disconnected in order to walk the dog (e.g. for

since pets often struggle to remove the collars, have difficulty eating and drinking while wearing the collar, and have a difficult time navigating through the house. Failure of pet owners to comply with the use of an E-collar can quickly result in serious complications including damage to healing wounds and surgical sites. [More Info](#)

prevention of arthritis and bone fractures. There is a need for an inexpensive, widely available, and accurate method to quantify subchondral bone sclerosis of the proximal sesamoid bones and distal third metacarpal/metatarsal bones in order to detect at-risk horses and intervene early to prevent injuries. [More Info](#)

outdoor urination). Disconnecting the fluids requires significant time and effort by nursing staff as the IV fluid line must be disconnected, capped, bandaged, and the catheter flushed with heparin to prevent clotting and then reconnected. This procedure may be repeated many times a day on hospitalized patients, adding to the workload of nursing staff. [More Info](#)

Treatment Compliance

Client satisfaction and compliance with treatment recommendations is highly correlated with the ability of veterinarians to establish strong rapport with their clients. Rapport building requires the application of effective communication skills and adequate contact time between the veterinarian and their clients. A typical veterinary appointment lasts only 20-30 minutes. During this time, a history must be obtained from the client, a physical examination is performed on the patient, diagnostic tests and treatment plans may be undertaken, and findings must be recorded in the medical record. Estimates may also need to be generated and medications are often prepared and dispensed. The fast pace of the medical encounter and short duration of client contact time makes it challenging for veterinarians to nurture strong rapport and generate trust among their clients. There is a need for veterinary hospital workflow efficiencies that will allow veterinarians to increase their client contact time. [More Info](#)

Endemic Disease Reporting

Poverty and malnourishment remain a major problem in Africa and much of Asia. The first step to escaping the poverty trap is improved agricultural systems, and the health of large and small ruminants is essential. Human and animal health are inextricably linked. By improving the health of cattle, sheep, and goats we can greatly improve the health of people in Africa and Asia through improved nutrition and income. Foot and Mouth Disease remains endemic in these areas and the impact of an outbreak is devastating, not only affecting income but also the basic food sources. In order to understand the disease and to develop plans for eradication it is essential to know where outbreaks occur. Foot and Mouth Disease is a viral disease affecting ruminants and pigs. Morbidity is high with severe ulceration of the mouth and feet. FMD is a reportable disease, any outbreaks should be reported but current reporting is sporadic. How can we encourage and improve reporting so that immediate advice on relevant biosecurity might be provided, disease spread and risks of epidemic extension can be predicted and communication strategies and prevention measures advocated, such as targeted vaccination campaigns. [More Info](#)

Vaccine Accessibility

Governments – in endemic regions require large volumes of vaccine for immediate/routine use as part of mass vaccination regimes. These countries may struggle to access the right vaccines yet need them. They sometimes buy low quality vaccines which do not adequately protect their animals. Private Veterinary vaccine distributors in such countries may be excluded from purchasing vaccine because of the complexity of registration of the vaccine on the local market. Further, private distributors of vaccine may see their business model collapse if Government suddenly decide to provide vaccines for free in emergencies.

Multiple factors contribute to the lack of accessibility including; limited number of manufacturers, cost & complexity of registering vaccine, gov policies, low quality vaccines, lack of awareness/risks, public/private sector politics, high costs of recurrent vaccine campaigns, and unpredictable needs/demands for vaccines in case of an epidemic. [More Info](#)

Rabies Eradication

Rabies is a zoonotic disease still claiming the lives of an estimated 59,000 people every year. 99% of all human cases are due to bites from infected dogs and occur predominantly in Africa and Asia. Mass vaccination in the reservoir species, dogs, has been proven to be the most effective and economic way to

eliminate this vaccine preventable disease. In order to achieve successful elimination of the virus within a resident canine population, vaccination coverage of 70% is recommended. In many rabies-endemic countries owned dogs are allowed to roam freely, and are not accustomed to receiving veterinary care nor walking on leashes. This can lead to low attendance during vaccination campaigns and presents challenges to achieving the recommended 70% coverage. Teams often travel on-foot through the community to identify vaccinated and unvaccinated dogs. If this ratio does not exceed 70%, additional vaccination efforts must be conducted in the community. This presents several issues for the vaccination program: Identification of vaccinated dogs, access to unvaccinated dogs, inability to evaluate efforts & campaign success, and extreme sensitivity to costs. [More Info](#)

VR & AR For Vet Med

Human healthcare has benefited from virtual, augmented and mixed reality technologies in a wide variety of ways. Virtual reality (VR), Augmented Reality (AR), and Mixed Reality (MR) are the new frontier of innovation in education and the classroom. VR/AR/MR can serve as an exciting tool to create immersive experiences that enhance learning and introduce students with new digital experiences. Although, still in the early stages of development, the possibilities of VR in education are endless.

Augmented reality (AR) adds digital elements to a live view often by using the camera on a smartphone. Virtual reality (VR) implies a complete immersion experience that shuts out the physical world.

How might we use VR/AR/MR to create first-hand learning experiences that improve learning outcomes for vet student? Pet owners? Clinicians?

[More Info & Resources](#) available upon request

Natural Disasters: Help Animals

Artificial Intelligence, along with machine learning and deep learning, have been disrupting a number of industries from online advertising to automobiles. In medical fields, AI has been used most popularly to automate the examination and diagnosis of radiology samples by using machine learning to train software to detect abnormalities such as cancerous tissues in the lungs.

This challenge proposes that students develop technology to benefit the field of veterinary medicine by utilizing artificial intelligence and its related subjects. This could be a solution that better the conditions, outcomes for pets and domesticated animals during natural disasters (forest fires, hurricanes, tornadoes, etc). Often in these crises situations, pets and owners are separated and it impacts both the health and wellness of the pets and owners - especially for those pets that require special attention or receive medication.

Artificial Intelligence is the ability for software to make decisions without a developer explicitly giving instructions to do so. The recent explosion in the amount of data collected have made the fields of Machine Learning and Deep Learning popular and been used to develop state of the art for solutions for problems such as image classification and natural language understanding by training software to recognize patterns among a very large number of examples.. API's, such as the ones available on IBM Cloud, allow these powerful technologies to be consumed by applications with little to no domain knowledge and training time.

MENTORS

The following people are on sight through out the weekend to provide assistance to teams.

There will be knowledge gaps, that is to be expected, these folks are here to help. Use them. Reach out with questions.

[Alasdair King](#) BVMS Director - Intergovernmental Vet Health -Merck Animal Health
[Ami Stuart](#) ILR '10 Tech Events Manager- Entrepreneurship at Cornell
[Amy Snyder](#) DVM, MBA Clinical Asst Professor, Business & GP- NC State CVM
Andrea Beukema Instructional Designer- Cornell CVM
[Andy Eschner](#) DVM Northeast Regional Director, Veterinary Professional Services- Boehringer Ingelheim Animal Health
[Anita White](#) Assoc Director, Innovations- Radio Systems/PetSafe
Ashley Harris DVM, DABVP Director of Vet Quality- Banfield Pet Hospital
Ben O'Kelley DVM, DACVECC Chief Medical Officer - Pet Partners
Brett Tillou DVM '04 Professor Emeritus -Cornell CVM
Brian Trumpatori DVM, DACVS Head of Surgery-VSH PetPartners
Cathy Benson VP Talent & Learning -Mars Vet Health
[Christine Jenkins](#) DVM, DACVIM CMO, VP Vet Med Srvcs & Outcomes Research -Zoetis
[Craig Riecke](#) MS Software Engineer VMIT- Cornell CVM
Devin Whalen Partnership Development Leader- Encore Vet Group
Donna Manderino DVM Director- Park Ridge Animal Hospital
Dr Jodi Korich DVM '97 Assoc Dean for Education - Cornell CVM
[Elisa Crisci](#) DVM, PhD Asst Professor, Virology- NC State CVM
Fred Lohr MRCVS Global Operations Manager - Mission Rabies
Gavin Persons IT Architect- Pet Partners
[Gerlinde Van de Walle](#) DVM, PHD Professor-Equine Health -Cornell Baker Institute
Gillian Perkins DVM Medical Director - ENFAH- Cornell CVM
[Heather Berst](#) MA, VMD Sr Mgr, Academic Affairs - Zoetis
[Heidi Reesink](#) VMD, PHD, DACVS-LA Asst Professor- Lg Animal Surgery -Cornell CVM
Ira Gordon DVM, DACVR Medical Director -Oncology Ethos Vet Health
Jacky May DVM Reaserch and Development - Boehringer Ingelheim Animal Health

Jennifer Goldstein MPA '98 Market Intelligence- Merck Animal Health
[Jesse Blanton](#) DrPH Epidemiologist- Center for Disease Control
JoAnna Vanderhoef Business Systems Analyst- Banfield Pet Hospital
[John Atkinson](#) BSC, BVMS, MRCVS, ACIM Assoc. Director, Intergovernmental Veterinary Health- MSD Animal Health
[John Babish](#) MS '74, PHD '76 Professor Emeritus - Cornell CVM
Katelyn Carney DVM, DACVIM Vet Ed Consultant - Cornell CVM
Kathryn McGonigle MPH, DVM, DACVIM Clinical Asst Professor- Sm Animal Internal Medicine- Upenn School of Vet Med
Keith Richter DVM, MSEL, DACVIM Chief Applied Sciences Officer -Ethos Vet Health
[Ken Rotondo](#) DVM '75, MBA Founder, President -Mind Genomics
Kenan Peters Bark Box
Kevin Finn DVM Medical Outreach University Liaison- IDEXX
Korana Stipetic DVM Animal Health Diagnostic- Center Associate Cornell CVM
[Laura Olavessen](#) DVM Director of Medical Outreach- IDEXX
Luke Gamble CEO WVS- Mission Rabies
Mani Lejeune PHD, DipACVM Animal Health Diagnostic Center Associate- Cornell CVM
[Marc Kraus](#) DVM, DACVIM, DECVIM Professor of Clinical Cardiology -Upenn School of Vet Med
[Mark Olcott](#) DVM '95, MBA CEO & Co-Founder- VitusVet
Maryse Osborne-Doser DVM Professional Services Veterinarian- IDEXX
Maya Scott-Garrard PHD, DVM Senior Veterinary Scientist II- Boehringer Ingelheim Animal Health
Meg Thompson DVM, DACVR Director, CU Hospital for Animals- Cornell CVM
Megan Dickhans MS "Lecturer, Dept of Ag & Applied Econ- Virginia Tech
Michael Joseph Vice President of IT- Ethos Vet Health
[Michele Barrett](#) DVM '09 Veterinarian, Dairy Technical Services -Zoetis
Nathanael Oster VMD Senior Professional Services Veterinarian -Boehringer Ingelheim Animal Health

[Nick Acosta](#) AI Specialist- IBM
Nick Nelson DVM, DABVP, MBA- Pet Partners President Pet Partners
Olivia Dudo Associate Specialist, IT Vision- Banfield Pet Hospital
[Patrick Carney](#) DVM '06, PHD, DACVIM Assistant Professor- Cornell CVM
Paul Dutcher Manager- Student Programs & Campus Outreach- Banfield Pet Hospital
Paul Cashman MS
Paula Ospina DVM, PHD Animal Health Diagnostic Center Associate- Cornell CVM
Rae Hutchins DVM, DACVIM VP Operations- Pet Partners
Robert Karpman MD, MBA Director of Business Minor for Healthcare Professionals- Cornell Dyson
Ron Seccia Director of IT- Cornell CVM
[Rose Pember](#) '15, MS Instructor- Parson's Design School
[Sandra Tucker](#) Expert Lab Leader for Data Science- IBM
[Sarah Cutler](#) Tew PHD Medical Outreach Senior Manager- IDEXX
[Scott Ross](#) MILR '13 Asst Director- App Dev & Integration -Cornell CVM
Simon Roe BVSc, PHD, DipACVS Professor- Orthopedic Surgery NC State CVM
Steph Neuvirth Chief People Officer - SVP, People and Organization- Banfield Pet Hospital
Stephanie Thompson-Holland DMV Medical Outreach University Liaison- IDEXX
[Steve Ireland](#) Director of Marketing- Pet Partners
Susan Apgar- Zoetis
[Sylvester Price](#) DVM '84, PHD Director of Therapeutic Evaluations- Boehringer Ingelheim Animal Health
T.R. Srikanth Interim Chief Information- Banfield Pet Hospital
[Ted Sprinkle](#) DVM '69 CEO -Encore Vet Group
Tina Sung VMD Senior Professional Services Veterinarian -Boehringer Ingelheim Animal Health
Tracy Sears General Manager- Encore Vet Group
Tushar MEng '14 Developer -VMTurbo
Vangie Williams Commercial Marketing- IDEXX

Jeremy Feinstein BS '14 MEng '15, Software Engineer-
FlatIron Health
Janice Brown Director of P&O Pet Partners

JUDGES

JODI KORICH DVM '97
ASSOC DEAN OF EDUCATION
CORNELL COLLEGE OF VETERINARY MEDICINE

TRACEY SEARS
GENERAL MANAGER
ENCORE VET GROUP

HAKIM WEATHERSPOON, PHD
FACULTY
CORNELL COMPUTER SCIENCE

ANDY ESCHNER '86, DVM '90
NE REGIONAL DIRECTOR
BI ANIMAL HEALTH

**DR BRIAN TRUMPATORI '01, DVM,
DACVS**
HEAD OF SURGERY AT VSH

SARA CUTLER TEW, PHD
SR MANAGER, MEDICAL OUTREACH, IDEXX

JUDGING CRITERIA

All teams will pitch, and be judged on the following criteria

Complete matrix and scoring [available here](#).

Relevance to Veterinary Medicine

Scale of Impact

Novelty

Commercial Viability

Financial Feasibility

Marketing Potential

Innovation

\$2,000 per winning team in the following categories:

Best Vet Med Healthcare Solution

Best Market Ready Solution

Most Innovative Solution

People's Choice Award (selected by the audience)

Complete judging matrix [here](#). Teams must be present to win.

TEAMS

FIRST PLACE: VetMed Healthcare Solution

Team: Stay On Track

Early detection and data collection for revolutionizing horse care

Holland Dulcet-Vet DVM '21

Ian Gregg-CALS BS Bio '21

Jack Nichols-BA College Scholar '22

Porter Hall-CALS PhD Biophysics '22

Sarah Morrissey-Vet DVM '20

Tom Myers-JCB-Dyson BS AEM '20

FIRST PLACE: Market Ready Solution

Team: FarmSpeak

Solution that empowers non-English speaking farm workers.

Ansh Sehgal-Cornell Tech MBA '19

Inderpal Khanuja- JCB-Johnson MBA Finance '19

Ivanka Juran- Binghamton University BS BME, Bio '20

Krysta Scimeca- Vet DVM '20

Nina Kozak- Vet DVM '21

Trey Cook-NC State College of VetMed DVM '21

FIRST PLACE: MOST INNOVATIVE & PEOPLE'S CHOICE WINNER

Team: Lean Preen Machine

A portable, low-cost device utilizing sonification to clean oiled animals for both disaster and consumer use

Elvina Yau-Vet DVM '20

Jacob Rigos-Engineering BS BEE '19

Matthew Boulanger-UPenn School of VetMedi VMD '22

Michael Zhang-JCB-Johnson MBA Business '20

MJ Sun-Vet DVM '19

Vivian Bui-UPenn School of VetMed VMD '21

Team: Erabicators

An innovative device to deliver rabies vaccinations to poorly accessible dog populations

Cheyenne Lee-Vet DVM '22

Diana Mistry-JCB-Johnson MBA '20

Frez Noel-ILR BS '21

Marie Kruth-Engineering MEng BME '19

Rachana Rao-ILR MS '20

Team: Guardian

Collar that monitors for signs of pain in postoperative dogs and alerts vet staff when patient needs attention

HongHong Tang-JCB-Johnson MBA '19

Jacqueline Glyman-Engineering BS ORIE '20

Sean Stapleton-Vet DVM '20

Thao Ly Bui Tran-JCB-Hotel MHA Hospitality Mgmt '19

Yanick Couture-Vet DVM '20

Team: VetMinder

Ensuring treatment compliance through automated reminder system backed by behavioral science.

Abdellah Bouhamidi-JCB-Johnson MBA '19

Abigail Hooker-Vet DVM '21

Elanna Spiegel-Vet DVM '21

Elson Parayil Kuriakose-ILR MS '19

Solitaire Goldfield-Virginia Tech DVM '20

Team: VetSave

VetSave provides a way for low-cost clinics to access
“unusable” unexpired medication and supplies

Aditi Agarwal -Engineering BS ECE '22

Akshay Shetty -JCB-Johnson MBA '19

Annalita Grover-CALS BS Animal Science '19

Genesis Lopez Bonilla-Vet DVM DVM '22

Shiang-Wan Chin-Engineering MEng Systems Eng '20

Talia Coppens- Vet DVM '20

Team: Happy Hugs

A smart tech compression vest that addresses canine
anxiety

Caroline Schlaeppli Fisher -NC State College of VetMed DVM '21

Clifford (Alex) Lee-A&S BA CS & Math '22

Edna Seymour-Vet DVM '21

Frances Chen-Vet DVM '20

Shivani Parmar-HumEc MHA '20

Siddhesh Amarnath-JCB-Johnson MBA '19

Team: Smarter Not Harder

IVPro is a portable fluid delivery system for veterinarians
and technicians that optimizes workflow, enhances the
delivery of quality care, and transforms the lives of pets.

Amy Zhang-Vet DVM '22

Daniel Lee-ILR MS Industrial and Labor Relations '20

Team: Retractableles

Redesigning the cone of shame- aka e-collar worn by
animals post op

Aion Ashby-Engineering BS CS '22

Gustavo Anaya-Engineering MEng BME '19

Maxine Nzegwu- Engineering BS '22

Jason Chen-A&S BA Biology '22
Nicole Phang-JCB-Johnson MBA '19
Rhiannon Desideri-Vet DVM '20
Viktoria Catalan-CALS BS Chem Bio '22

Nnenna Dara-Engineering BS BME '22
Rebecca Jones-NC State College of Vet Med DVM '21
Yuyi He

Team: MediGoggles

MediGoggle is a drug delivery system which aerosolizes liquid eye drop medicine into the eye goggles.

Jai Karnik-Engineering MEng MatSE '19
Jon Lou-Vet DVM '19
Reagan Jung-Engineering MEng BME '19
Sun Chung-AAP MS Regional Science '19

Team: MooVR

A virtual reality suite to train non-english speaking dairy farm workers

Jacob Donich-Croll-JCB-Johnson MBA '19
Julia Radzio- Engineering BS MechE '21
María Martes-Vet DVM '20
Mary Nasr- Vet DVM '20
Stéphanie-Anne Dulièpre-Vet DVM '20
Theresa Cho-CALS BS IS '21

Team: BumbleBot

-Ahad Ishfaq-Engineering BS ChemE '21
Sarah Sabbagh-A&S BA CS '21
Stephanie Matson-Engineering BS MatSci Engineering '20
Stephanie Shum-A&S BA CS '20

Team: Pawsitive

An convenient platform and interactive app that provides training and skills to shape desired behavioral in their pets

Anita Yau-Vet DVM '21
Christina Chen-JCB-Johnson MBA Finance '19
Danling Ye-Vet DVM '21
David Wang-BA Econ '20
Shashank Manchanda-JCB-Johnson MBA '19

Team: Purr

A station to collect data crucial to detect some of the common cause of death in cats - kidney failure, diabetes, and hyperthyroidism.

Angela Han-ILR MS HR&O '20
Bo Su-ILR MS '20
Sophia Liu-ILR MS '20
Yiyang Fang-ILR MBA'20

Team: VetCheck

Clear your calendar - It's going down! Splash Blocks kicks off on April 21st, and you're invited to take part in the festivities. Splash HQ (122 W 26th St) is our meeting spot for a night of fun and excitement. Come one, come all, bring a guest, and hang loose. This is going to be epic!

Adam Nofal-JCB-Johnson MBA '19
Dan Levitt-JCB-Johnson MBA '19
Danny Sack-Vet DVM '20
McKenna Snidow-Virginia Tech DVM '20
Sam Harrington-JCB-Johnson MBA '19
Samantha Platt-JCB-Johnson MBA '19

Team: Pet Mate

A smart band designed for pets with connection to all smart devices at home.

Dana Lin-JCB-Johnson MBA '19

Feng Zhou-JCB-Johnson MBA '19

Jinyfu Zhang- Hotel BA Business 19

Louis (Zihan) Wang-JCB-Johnson MBA '19

CHECK OUT OUR VIDEOS!

Cornell Animal Health Hackathon 20...



Cornell Animal Health Hackathon 20...



**A complete list of hackathons planned for this academic year: eship.cornell.edu/hackathons
Tech Events Manager-Ami Stuart-can be reached by clicking the 'contact organizer' link below on the right.**

Powered by Splash



CONTACT THE ORGANIZER



Cornell University

College of Veterinary Medicine

CVM >

January 2019: Hellos, goodbyes and HR update

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

New Hires

- **Megan Elizabeth Harmon**, AHDC Diagnostic Tech I-Virology, Animal Health Diagnostic Center
- **Brett Warren**, AHDC Diagnostic Tech I-Virology, Animal Health Diagnostic Center

Retirements

- **Rodney Reynolds Dietert**, Professor, Department of Microbiology and Immunology
- **Andrea Walsh**, AHDC Technician III-QMPS, Animal Health Diagnostic Center

Human Resources Update

Feb. 17: Save-the Date: Winter Employee Celebration

Saturday, February 17, 2019

Ramin Room/Bartels Hall, 3:00 to 5:30 p.m.

Cornell's annual [Winter Employee Celebration](#) is for staff, faculty, retirees and their families. Enjoy a Community Dinner featuring chicken parmesan and vegetarian baked ziti. Vegan and gluten-free options available.

Tickets: Contact CVM – Office of Human Resources for tickets

Events: Your ticket includes dinner and a variety of athletic events:

- Women's Ice Hockey
- Men's Basketball
- Track & Field

Parking: Free parking at Hoy Garage with Cornell University ID.

Volunteers Needed: All volunteers scheduled for set up, serving or clean-up will receive an Employee Celebration t-shirt and complimentary meal/game ticket for the day's events. Please contact empcelebration@cornell.edu to volunteer for this event.



W-2s – Ready!

The W-2 process has been completed, and your online 2018 W-2 is available in Workday! If you elected to receive a paper W-2 in the mail, the file has been sent to the vendor for processing, and your 2018 W-2 will be mailed, during the week of Jan. 14, to the address that you provided in Workday. If you are expecting but do not receive your paper copy in the mail by Jan. 31, please contact the payroll office at (607) 255-8828, or by email at hrrpayrollsupport@cornell.edu.

All students and employees may access their W-2s in Workday. If you wish to do so, please follow the steps below.

- Select the "Pay" icon
- Under My Documents, select "Tax Documents"
- In the line "Tax Year 2018," select "View/Print"

With this feature, you can print your 2018 W-2 to file with your tax forms. If, at any time, you need an additional copy reprinted, follow these same steps.

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>. Contact Toral Patel at 607-253-3718 or tdp38@cornell.edu.

- Licensed Veterinary Technician- Anesthesia
- Veterinary Assistant- Night position (located in Long Island)
- Veterinary Practice Manager – CUHA Primary Care
- Diagnostic Technologist I - Molecular Diagnostics
- Administrative Assistant (Baker Institute for Animal Health)
- Senior Administrative Assistant
- Diagnostic Technician - Endocrinology

Academic Open Positions

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

For information on the topics above, please contact the CVM Office of Human Resources at 607-253-4111.
