

RESEARCH & GRADUATE NEWS



NEWS & EVENTS

ISSUE 11 | JANUARY 2022

WELCOME 2022!

CONGRATULATIONS TO OUR MOST RECENT GRADUATES

Nicole Atherley, PhD by Research

Sharmin Melville Edwin,
MSc in One Health

Erik Peterson, MSc by Research

Randall Walker, DVM-MSc
by Research

Alex Mau, MSc by Research
with Distinction



FAREWELL, ROSSIES

WE SAY FAREWELL TO OUR
ROSSIES WHO ARE MOVING ON.



Our MSc by Research-DVM student, **MAYRA TRUJILLO**, who is heading to her clinical year at Cornell University.



We would also like to extend our gratitude to **DR. HILARI FRENCH**, former Center 2 Director, as she moves along in her new role as Head of Clinical Sciences. Wishing you all the best with your next adventures!



We welcome **DR. KERRY ROLPH** as the new Center 2 Director!

STUDENT SPOTLIGHT

LET'S CELEBRATE THE
ACHIEVEMENTS OF...



DR. NICOLE ATHERLEY who was recently awarded her PhD by Research. If you missed Nicole's public viva, you can watch it again [here](#). Congratulations Dr. Atherley!



UPCOMING JOURNAL CLUB DATES

Journal club is a platform available through Canvas (RUSVM Journal Club) to present and share our research proposals, recent peer review publications, as well as ongoing research projects and collaborations with our faculty and student community. The sessions also provide our graduate students the opportunity to present their work with assistance from their faculty advisors.

DATES FOR JOURNAL CLUB THIS TERM:

- January 27
- February 17
- March 24
- March 31

Interested in signing up for a session? Please use our [online Journal Club calendar](#) to sign up for your desired sessions. Email postgrad@rossvet.edu.kn with questions.



STUDENT CONFERENCE PRESENTATIONS

Vences, M., Merritt, D., **Machado, M.**, Rawlins, J., Canales, R., **Hervé-Claude, L.P., Dzikiti, L.**, Sanchez-Okucki, R., **Bergfelt, D.R.** 2021. Cortisol, lactate, and ammonia plasma concentrations associated with performance-based physical activities in bottlenose dolphins (*Tursiops truncatus*). Society of Marine Mammalogy (SMM) 4th Biennial Conference, West Palm Beach, Florida, USA, December 13-17.

Bergfelt, D.R., Canales, R., Vences, M., Smallcomb, M., Sanchez-Okucki, R. 2021. Circulating Concentrations of Cortisol in Cows and Calves during Weaning in Bottlenose Dolphins (*Tursiops truncatus*). Society of Marine Mammalogy (SMM) 4th Biennial Conference, West Palm Beach, Florida, USA, December 13-17.

Gainor K. (PhD by Research) **Becker A., Ghosh S.** Virus Genomics and Evolution 2021 (Welcome Genome Campus, UK), 13-15 September 2021 (**oral/virtual**).

Rivera-Perez C., (PhD by Research) Dennis M., Orcera-Iglesias J., Cabrias-Contreras L., Rivera-Guzman A., **Mignucci-Giannoni A.** Vermineous pneumonia as a cause of death in an Antillean manatee from Puerto Rico. 24th Biennial conference on the Biology of Marine Mammals, West Palm Beach, FL. December 2021 (**poster/virtual**).

Valentyne H., **Fairs J., Rawlins G., Mau A.** (MSc by Research) **Fenton H.** Nasal round cell sarcoma with bilateral swelling and nasal discharge in a mixed breed dog. American College of Veterinary Pathology annual meeting October 30-November 2, 2021 (**oral/virtual**).

Sykes, C., **Fenton, H., Bolfa, P., Fairs, J.**, deRosayo, R., Smith, N., Mau, A. (MSc by Research) Filigenzi, M., Poppenga, R., Accidental Insecticide Intoxication in Two dogs. American Association of Veterinary Laboratory Diagnosticians annual meeting October 23-28, 2021 (**oral/virtual**).

STUDENT PUBLICATIONS

Arega, S. M. P. (PhD by Research), **Knobel, D. L., Toka, F. N., & Conan, A.** (2021). Non-specific effects of veterinary vaccines: a systematic review. Vaccine.

Cavanaugh, S. M., Cavanaugh, R. P., Gilbert, G. E., (DVM) Leavitt, E. L., Ketzis, J. K., & Vieira, A. B. (2021). Short-term amino acid, clinicopathologic, and echocardiographic findings in healthy dogs fed a commercial plant-based diet. PLoS One, 16(10), e0258044. doi:10.1371/journal.pone.0258044

Gainor, K. (PhD by Research) Bowen, A., **Bolfa, P., Peda, A.,** Malik, Y. S. & **Ghosh, S.** (2021). Molecular investigation of Canine Parvovirus-2 (CPV-2) outbreak in Nevis Island: Analysis

of the nearly complete genomes of CPV-2 strains from the Caribbean region. Viruses, 13(6), 1083. Retrieved from <https://www.mdpi.com/1999-4915/13/6/1083>

Gainor, K. (PhD by Research) **Becker, A. A. M. J.,** Malik, Y. S., & **Ghosh, S.** (2021). Detection and Complete Genome Analysis of Circoviruses and Cycloviruses in the Small Indian Mongoose (*Urva auropunctata*): Identification of Novel Species. Viruses, 13(9), 1700. Retrieved from <https://www.mdpi.com/1999-4915/13/9/1700>



ROSSIES IN RESEARCH

This past semester, over 100 Rossies have been active as research assistants and volunteers, helping with various projects carried out across our four research centers.

Research Assistants: 13

Research Volunteers: 96

Interested in getting involved with research? Learn more about our [Student Research Opportunities](#) or email research@rossu.edu.kn with questions.

RESEARCH WEEK 2021



What an amazing November it was for the research team and research development. This year's theme, One Health: Food for Thought addressed the global challenge to feed, house, and provide a healthy life for the growing human population while preserving the environment and resources. We kicked off Research Day on Wednesday, November 3—the sixth annual International One Health Day. Events consisted of 3-Minute Thesis (3MT) presentations and poster and infographic presentations.

Help us congratulate the winners of this year's competition.

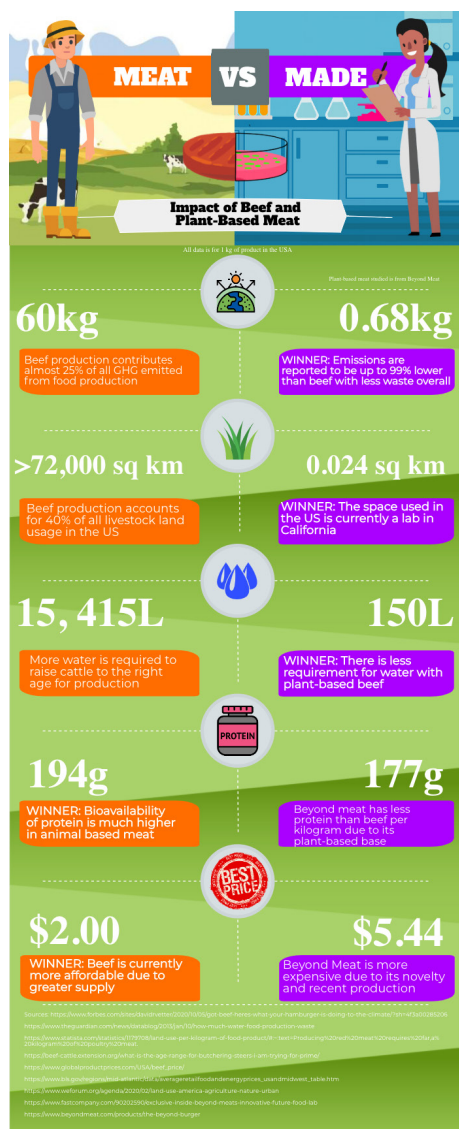
RESEARCH POSTER WINNERS

1st place—**Maurice Matthew**, PhD candidate

2nd place—**Janejila Yodvilai**, DVM candidate

3rd place & People's Choice—**Sabrina Bailey**, DVM candidate





1st place–**Yash Patel**

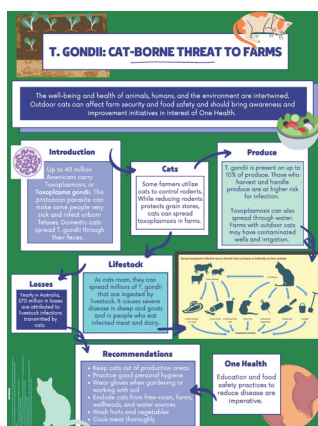
INFOGRAPHIC WINNERS

1st place–**Yash Patel**, DVM/ MSc in One Health candidate

2nd place–**Jennifer Schoonmaker**, MSc in One Health candidate

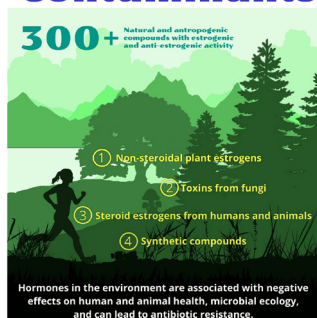
3rd place–**Hailey Dodge**, MSc in One Health candidate

People's Choice–**Ailbhe King**, MSc by Research candidate

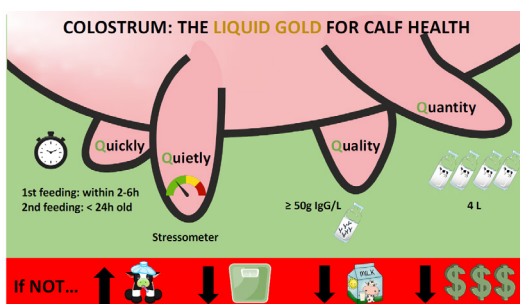


2nd place–**Jennifer Schoonmaker**

Sources of Estrogenic Environmental Contaminants



3rd place–**Hailey Dodge**



People's Choice–**Ailbhe King**

3MT COMPETITION WINNERS

Do you think you can explain your whole research project in just three minutes in front of an audience? Intimidating, right? Although challenging, many students find it to be a fun exercise to bring awareness of their research on a whole different level. We had 11 presenters during this year's 3MT competition.

Congratulations to our winners and thank you to all for participating to make Research Week 2021 a lively and informative event!

1st place–**Daniel Guevara**, DVM Candidate 2023

2nd place–**Brittany Berger**, MSc by Research

People's Choice–**Alexis Hall**, DVM Candidate 2023

If you missed it – check out the recordings from [Research Day](#) and [Evening One Health Symposium 2021](#).