

BIOS

Our life's work
is to find out how
life works

DEPARTMENT OF VETERINARY BIOSCIENCES

September 2018

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Dr. Yasuko Rikihisa Wins Prestigious International Veterinary Award

Dr. Yasuko Rikihisa, University Distinguished Professor, won the coveted International Award category at the International Canine Health Awards, on Tuesday May 22nd at the Kennel Club in London. She was awarded £40,000 (approximately \$53,000) towards her future work. Dr. Rikihisa was recognized for her ground breaking work on a number of tick-borne diseases that infect dogs, other companion animals and humans. The international award is part of one of the largest and most distinguished veterinary awards in the world, the International Canine Health Awards (awarded by the Kennel Club Charitable Trust). Dr. Rikihisa has been a pioneer and prolific contributor to our understanding of Rickettsial diseases which are transmitted by ticks and affect dogs, other companion and wild animals and humans. Rustin Moore, DVM, PhD, Dean of The Ohio State University College of Veterinary Medicine, said: "Professor Rikihisa is a role model of research excellence and tenacity in understanding and solving unmet needs in canine health and research, as well as commercializing her research to benefit animals. The College is pleased and excited to see her recognized for her influential and impactful work and contributions."



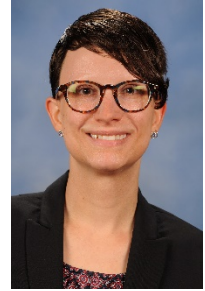
New Faculty Hires



Dr. Amit Sharma has joined the College of Veterinary Medicine as Assistant Professor-Tenure in the Department of Veterinary Biosciences. Dr. Sharma completed a PhD in Molecular Retrovirology in the Department of Veterinary Biosciences in 2012. After two stints as a postdoctoral fellow, most recently in the laboratory of Dr. Julie Overbaugh at the Fred Hutchinson Cancer Research Center, Seattle, WA, he again joins the department. His laboratory is located in VMAB and is funded through an NIH K99/R00 Pathway to Independence Award. His scholarly interests are innate immunity and host restriction factors in HIV-1 infection.



Dr. Kara Corps has joined the Department of Veterinary Biosciences as an Assistant Professor-Clinical in Laboratory Animal Pathology. Dr. Corps recently completed a PhD in neuroscience at the National Institutes of Health in Bethesda, Maryland. She received her DVM from Michigan State University and completed a MS in Comparative Medicine and Integrative Biology while in veterinary school. Dr. Corps became board certified in anatomic pathology in 2014 through the American College of Veterinary Pathologists following residency training at North Carolina State University. She has experience in toxicological pathology and comparative pathology with an emphasis on mouse models of human diseases. She is joining the Comparative Pathology and Mouse Phenotyping Shared Resource and is looking forward to her new position combining anatomic pathology support of cutting-edge research and comparative pathology with the opportunity to teach veterinary students and pathology residents.



Grants & Awards

Dr. Sanggu Kim received a R01 grant from the NIH-National Institute for Allergy and Infectious Diseases to support his project entitled “On-site, High-fidelity Target Sequencing and Absolute Quantitation for HIV-1 Surveillance” and a R21 grant entitled “High-accuracy, Long-range Sequencing for HIV-1 Genotyping”.

Dr. Shan-Lu Liu received a R01 grant from the NIH-National Institute for Allergy and Infectious Diseases to support his project entitled “TIM-mediated Inhibition of HIV Release: Cooperation with SERINC and Antagonism by Nef”.

Dr. Yasuko Rikihisa received a R21 grant from the NIH-National Institute for Allergy and Infectious Diseases to support her project entitled “Inhibition of Ehrlichial Infection by Cell-permeable Cyclic Peptides”.

Dr. Li Wu received a supplement equipment award from NIH-National Institute of General Medicine Sciences for his project “Mechanisms of HIV-1 RNA Methylation in Regulating Viral Replication”.

Dr. Sue Knoblauch is a co-investigator on a R01 from the NIH-National Cancer Institute entitled “Role of Lipocalin 2 in Pancreatic Cancer” (PI Dr. Zobeida Cruz-Monserrate, College of Medicine).

Dr. Li Wu is a co-investigator on a R21 from the NIH-National Institute for Allergy and Infectious Diseases entitled “Comparative Structure and Function Analyses of Human and Mouse SAMHD1 Proteins” (PI Yong Xiong, Yale University) and on a SBIR phase I grant from NIH entitled “Layer-by-layer Delivery of RNA-based HIV-1 Vaccines” with Luna Innovations Inc.

Dr. Serena Bonifati was awarded an OSU Center for RNA Biology Travel Award to attend the Frontiers of Retrovirology Conference in Leuven, Belgium.

Dr. Timothy Helms was awarded an Aspen Cancer Conference Fellowship by Takeda.

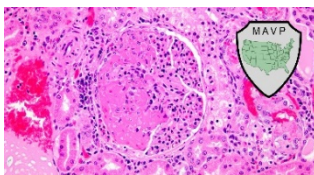
Teaching

Dr. Rachel Cianciolo edited and developed a digital **Atlas of Renal Lesions in Proteinuric Dogs** which is available online on the OSU Affordable Learning Exchange website (<https://affordablelearning.osu.edu/catalog/bookshelf/atlas-renal-lesions-proteinuric-dogs>).

Dr. Ryan Jennings received the Zoetis Distinguished Teacher Award.

Dr. Jianrong Li received the Charles C. Capen Teaching Excellence Award for Graduate Education.

Dr. Jerry Masty became a mentor for another year in the University Institute for Teaching and Learning's Faculty Foundation, Impact, Transformation (FIT) program. He is also a facilitator of the Mid-Career & Senior Faculty Learning Community of the Ohio State Teaching Enhancement Program.



37th Annual Meeting of the
Midwest Association of
Veterinary Pathologists

August 2nd - 3rd, 2018

Grange Insurance Audubon Center, Columbus, Ohio

Guest speakers:

Rachel Cianciolo, VMD, PhD, DACVP (Anatomic)

Jessica Hokamp, DVM, PhD, DACVP (Clinical)

The Ohio State University and the International Veterinary Renal Pathology Service

We encourage you to take a training course with reference to renal pathology

Registration information: www.mavp.org/2018



Conference News

Dr. Ryan Jennings organized the Midwest Association of Veterinary Pathologists Conference on August 2nd and 3rd at the Grange Insurance Audubon Center at Scioto Audubon Park in downtown Columbus with support from Eli Lilly & Co and Abbvie. Upwards of 70 attendees from the region, representing academia, industry and diagnostic laboratories convened to hear over 40 pathology case presentations as well as keynote presentations from our very own **Dr. Rachel Cianciolo** and **Dr. Jessica Hokamp**.

Other Faculty & Staff News

Dr. Tracey Papenfuss, Principal Pathologist at MPI Research, a Charles River Company, has been appointed as Adjunct Assistant Professor in VBS. She is course director for the course "*Integrative In Vivo Modeling for Drug Development: Application for Safety and Clinical Pharmacology*".

New Diplomates certified by the American College of Veterinary Pathologists in 2018

Dr. Justin Breitbach, Clinical Pathology

Dr. Nina Zitzer, Clinical Pathology

VBS Graduate Students earning the PhD in 2018

Dr. Jenna Antonucci in the laboratory of Dr. Li Wu

Dr. Bonnie Harrington, in the laboratory of Dr. John Byrd

Dr. Eunsoo Kim in the laboratories of Drs. Prosper Boyaka and Estelle Cormet-Boyaka

Dr. Chris Koivisto, in the laboratory of Dr. Gustavo Leone

Dr. Jingyou Yu in the laboratory of Dr. Shan-Lu Liu

Dr. Nina Zitzer, in the laboratory of Dr. Ramiro Garzon