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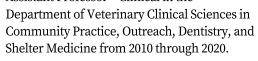
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New Faculty Spotlight

Dr. Hamideh Esmaeilzadeh has joined the Department of Veterinary Biosciences as an Assistant Professor-Clinical. Dr. Esmaeilzadeh comes to us from the Department of Comparative Pathobiology at Purdue University, where she was a visiting scholar and where she completed a clinical pathology residency.

Dr. Laurie Millward has joined the Department of Veterinary Biosciences as an Assistant Professor in Clinical Pathology. Dr. Millward is a familiar face to the OSU College of Veterinary Medicine. She was an Assistant Professor - Clinical in the





Dr. Shane Sills has joined the Department of Veterinary Biosciences as an Assistant Professor in Anatomic Pathology. Dr. Sills arrives at The Ohio State University from Wake Forest University School of Medicine, where he held a post-doctoral research fellowship and completed his PhD in Molecular Medicine and Translational Sciences.

Dr. Gaofeng Xiong has joined the Department of Veterinary Biosciences as a tenure-track Assistant Professor in Oncology. Dr. Xiong comes from the Markey Cancer Center, DPNS at the University of Kentucky, where she was a Research Assistant



Professor. She received her PhD in Developmental Biology at the Institute of Zoology, Chinese Academy of Sciences.

Department Highlights

erative Agreement from USDA APHIS



lar mechanisms of zoonotic transmission of SARS- bestowed by the AAI. CoV-2". The purpose of this project is to characterize the reverse zoonosis of SARS-CoV-2 variants of concern and understand how adaptations acquired in animal hosts can impact animal and human health.

Dr. Shan-Lu Liu Awarded \$1,518,292 Coop- Dr. Prosper Boyaka elected as a 2024 Distinguished Fellow by the AAI

Shan-Lu Liu, MD, PhD, Professor The department would like to congratulate Dr. Virology in the Center for Retrovi- **Prosper Boyaka** on his election as a 2024 Distinrus Research and Veterinary Biosci- guished Fellow by The American Association of ences, was recently awarded a Immunologists. This program recognizes mem-\$1,518,292 cooperative agreement bers for distinguished careers and outstanding from USDA APHIS for a project scientific contributions. Election as a Distinentitled, "Understanding the molecu- guished Fellow is among the highest honors

THE AMERICAN ASSOCIATION OF IMMUNOLOGISTS

Charles River Laboratories International. Inc. to Fund Pathomics Research

Charles River Laboratories International, Inc. has generously committed \$60,000 over a two-year period to advancing research on Bordetella bronchiseptica in canines. This generous award will fund VBS combined pathology program trainee Sam Neal's exploration of pathomics, with Dr. Kara Corps as PI, and the Infectious Disease Signature program as a collaborating partner. We look forward to working with Charles River Laboratories in this budding field of research.

In the News



SARS-CoV-2 BA.2.86 is less resistant to vaccine, but may be a problem in the lung



Trivalent vaccine candidate fights measles, mumps, SARS-CoV-2



Looking for risky viruses now to get ahead of future pandemics

Grants & Awards

Dr. Amit Sharma received an NIH R01 grant: Dr. Sue Knoblaugh received the 2023 ACVP Determinants of retroviral replication in non-native Wendy Coe Leadership Award for her excellence hosts for mediling HIV infection. He also received in leadership as the co-founder and chair of the an NIH U54 Duke Center for HIV Structure Biol- ACVP Diversity, Equity, and Inclusion (DEI) ogy's Collaborative Development Award.

ATII cell senescence in influenza pathogenesis in OSU CVM New Team Teaching award,

Dr. Estelle Cormet-Boyaka was awarded an R21 Arterivirus receptors: rules of engagement for crossgrant, NIH, NIDA: Alteration of bronchial epithelium host defenses by marijuana and vaping preparations.

VBS Trainee Corner

We are proud to include the many achievements of Chicago (October 28-31, 2023): Betsy Pray - the the department's graduate associates since our last 2023 Davis-Thompson Foundation Pathology newsletter in June 2023.

VBS Pathology Residency/PhD Program

Please click here to view the accomplishments of our trainees in the VBS Pathology Residency/ PhD Program during 2023. Below are a few of the many successes that have occurred since June 2023:

Pathology Fellowships and Awards

Melissa Leonard, DVM (anatomic pathology) Michelle Chamblee (Mentor: J. Li) received a and Samantha Sommer, DVM (clinical pathology) both received T32 post-doctoral fellowship Kyle Ernzen (Mentors: A. Panfil/P. Green) reawards. Betsy Pray, DVM was awarded ceived a College Barber Fund Fellowship \$100,000 from the Clinical Research Loan Repayment Program through the NIH (NCI). Nina Green) received an NIH Diversity Supplement. Randolph was elected for the IDEXX PathConnexx externship program. She was also awarded a Gutski Travel Award, sponsored by Royal Canin.

Board Certifications

Susan Smith (Diplomate, Clinical Pathology), Betsy Pray (Diplomate, Anatomic Pathology), and Samantha Sommer (Diplomate, Clinical Pathology) are now board-certified. Samantha is now double boarded in Anatomic Pathology and Clinical Pathology!

ACVP / ASVCP News

The following trainees were presented with awards at the 2023 ACVP Annual Meeting in committee.

Dr. Ian Davis received an NIH R21 grant: Role of **Dr. Jerry Masty** is the inaugural recipient of the

Dr. Cody Warren received an NIH R21 Grant species infection. He also received the President's Research Excellence "Integrating field and laboratory studies for influenza virus zoonotic risk assessment."

Training & Scholarship Award; Yea Ji Jeong the ACVP Young Investigator Award – 2nd Place (diagnostic pathology); Allysa Cole - the ACVP Young Investigator Award - 3rd Place (diagnostic pathology); Sam Neal - the ASVCP service award and a mystery case accepted for presentation at the annual meeting.

VBS Research Postdocs and GRAs

T32 training award. Jiayu Xu (Mentor: J. Li) and award. Rocio Zaldivar (Mentors: A. Panfil/P.

PhD Defenses and Graduations

We would like to congratulate the following trainees who completed their final PhD defense and graduated from the Comparative Biomedical Sciences Graduate Program: Marisa Joldrichsen (Mentor: P. Boyaka), Mackenzie Long (Mentors: R. Baiocchi & Alinari), Camille McAloney (Mentor: R. Roberts), and Susan Smith (Mentor: A. Panfil).

Candidacy Exams

Nina Randolph (Mentor: J. Winston) and Sungjun Yoo (Mentor: P. Boyaka) passed their candidacy exams.

Faculty Publications

Since the last BIOS Newsletter was published in June 2023, the Department of Veterinary Biosciences faculty has published over 30 publications. Please click here to peruse.