

LITTER LETTER

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JEFFREY W HARKER, DVM

AMY WOODS, DVM

DENNIS VILLANI, DVM, MBA

LAUREN NAGEL, DVM

Shannon Schimmel, Joan Hodgen, Manda Adams, Lorena Young

Welcome back to Litter Letter. It has been many weeks since we have communicated, so there is lots to share with you!

As you probably already know, we were fortunate to move to a newly renovated office on February 1, 2021 located at 2800 East Wabash Street in Frankfort. We are thoroughly enjoying this space and hope to be able to show it to you soon. This location will be the offices for AMVC Swine Health Services, Midwest Livestock Services, AMVC Management Services and an AMVC Warehouse.

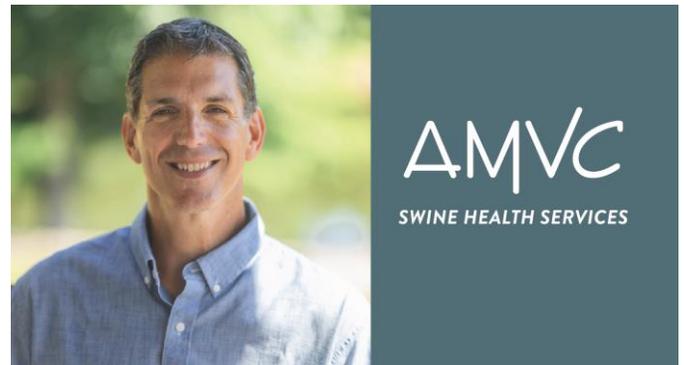
We are also excited to announce that Shannon Schimmel, who has been with Swine Health Services since June 1989, has accepted the position as facility manager for the new office. Lorena Young now has the responsibility for facilitating product needs to customers.

We are excited to introduce you to three new veterinarians who are dedicated to providing swine health services to our clients:



Dr. Amy Woods joined AMVC SHS August 2020. Amy has been in swine practice since graduating

from Purdue in 2004. She and her husband, John, are the parents of Ava and Blaine. Amy grew up on a pig farm near Huntington, Indiana. In addition to working with swine producers of all types, she is involved as a 4-H club leader and vet science project leader for Jasper County. She is also involved with her church, the local FFA chapter and volunteers as a softball coach. Her hobbies include reading, spending time with the dairy steers in her barn, and working around the yard.



Dr. Dennis Villani recently merged his business, All About Swine, with AMVC. Dennis is a 1992 graduate of Washington State University College of Veterinary Medicine and has an MBA degree from Indiana Wesleyan University. He has been practicing swine medicine in Indiana for over 25 years. He and his wife, Beth, have two children, Taylor, and Nathan.



We are happy to introduce the most recent addition to our swine veterinary team, Dr. Lauren Nagel. Lauren is from Rensselaer, Indiana, and graduated from the University of Illinois College of Veterinary Medicine in May of 2021. She and her husband, Trent, live in Frankfort with their two dogs, Phoebe and Beesly and cat, Charlie. She played volleyball and basketball in high school, attended Indiana University for her undergraduate studies in biology and while in college worked on various sow farms in Indiana over her summer and winter breaks. These are the experiences that sparked her interest in swine and stimulated her desire to achieve a veterinary degree. Lauren states that she is excited and honored to be starting her career with AMVC Swine Health Services.



Drs. Harker and Rodibaugh are pleased to have this great team of swine veterinarians working together and our goal is to provide producers with the best possible service. If you have any questions or concerns, we are happy to visit with you. We are grateful for your loyalty and trust over the past 25-

40 years. With the addition of these staff members and the expertise within AMVC, our goal is to continue to provide you with the best current information and resources, keeping producers competitive for whatever roles you choose in pork production over the coming years. We thank you and look forward to the future!

African Swine Fever in domestic German pigs:

One of the primary methods of spread of African Swine fever virus in Europe has been through the wild boar population. Control presents significant challenges of transmission between countries due to shared borders and the wild pig populations. Unfortunately, Germany reported in July the presence of African Swine fever in 3 different domestic pig sites. Although the domestic infection will be very pro-actively managed by German authorities, the infection will likely cause significant disruption in pig movement and in export of pork from Germany. Continued efforts will be made through the state animal health officials, USDA, and National Pork Board in the United States for producer education and preparedness on the response to foreign animal disease.

BREAKING NEWS 7-28-21: ASF was detected in surveillance samples from 2 locations 100 miles apart in the Dominican Republic. Initial incorrect rumors were that the positives were in Canada, and this caused the acute drop in US lean hog futures.

1-4-4 1C variant lineage PRRS:

Although any PRRS is not good you may have read of the occurrence of a particularly pathogenic strain of 1-4-4 PRRS in southern Minnesota and Iowa. These cases have been especially virulent, causing high mortality in sow herds and even in grow/finish sites. (30-50% mortalities reported) A new identification classification for PRRS isolates is by lineages. This is a way to group PRRS strains according to their inter-relationship. This particular strain that was first identified in the fall of 2020, is referred to as a 1C "variant" lineage. Currently, the lineage designations are from 1 to 9 with sub-groupings under lineage 1. The Ingelvac BI PRRS MLV vaccine was derived from a virus that is a

lineage 5 virus. The most recent MLV, Prevacent, is from a lineage 1 field virus. There is no strong scientific proof that vaccine from more current lineages provide better protection against field exposure. One case of lineage 1C variant has been found in Indiana. It's important to review biosecurity practices prior to the fall months when viruses tend to spread even more readily than they do in the other seasons. We will keep you informed of any developments with this strain of virus.

Congratulations to Jeff Angus – Wallace Pork Systems on his recent retirement.

Congratulations to Rebecca Barton Davis and Mike Davis - Barton Farms on the birth of their son.

Congratulations to Mike and Jaci Smolek of Smolek Farms on their recent marriage.

Condolences to Steve and Carol Maple of Maple Acres Farms on the loss of their mother Betty Maple. Betty was the matriarch of a family significantly involved in Indiana agriculture.

Including Jennifer Keiser (Infinity Pork), Jeff Moseley (Midwest Livestock Systems), Nick Maple (Top Grade & Maple Farms) and Jeanette and Rusty Merritt (Indiana Pork, Top Grade and Maple Farms)

Atypical Porcine Pestivirus: Dr. Bailey Arruda, Iowa State University

The most common cause of congenital tremor in pigs, atypical porcine pestivirus (APPV – now known as Pestivirus K) was studied utilizing PCR and ELISA antibody tests. Until this study there had been very limited information on the behavior of the PK virus in sow herds. Pigs were inoculated with the virus and oral fluid samples were collected along with individual nasal swabs at several time points post-inoculation. Pestivirus was detected at 10 days post-infection in the serum of inoculated animals and all animals remained PCR positive until the end of the study at 70 days post-infection. This virus was also detected in a high percentage of the oral fluids through the end of the study. Nasal swabs also demonstrated nasal shedding up through 56 days post-infection. These results have application for gilt acclimatization as gilt pools exposed to Pestivirus K positive material could have a prolonged viremia and gilts could potentially

expose bred animals, resulting in congenital tremor pigs if exposed animals were not immune. The ELISA tests that were developed in the study may be useful in helping to determine the immune status of herds and/or replacement gilts.