Pork producers in the US are still facing challenges in preventing disease outbreaks among sow herds. One such disease is Porcine Reproductive and Respiratory Syndrome (PRRS). The economic losses from PRRS in the US alone are estimated to exceed USD 650 million per year [1]. The disease is mainly transmitted through contact with infected animals [2]. As a result, introducing infected pigs to a farm increases the risk of an outbreak [3,4]. Biosecurity measures taken on farms, such as controlling the movement of personnel, vehicles, and fomites [5–9], are recognized as important in preventing PRRS. However, one aspect that is often overlooked is the removal of dead animals from farms. Farms that do not perform on-site dead-animal processing are at greater risk of PRRS than those that do [10]. Despite this, characterization of facilities, structures, and procedures used to handle dead animals on sow farms in the US is not available.

The goal of this study is to characterize the facilities, structures, and practices of dead animal removal from sow farms. We believe that particularities on this process may contribute to disease spread in the US swine herd. Our goal is to ultimately allow a better assessment of the risk that this activity poses to sow farms and to identify aspects that the industry could improve to further enhance the efficiency of sow farm operations.

We are currently seeking veterinarians and producers overseeing sow farms to enroll in this project. Volunteers are asked to provide the Standard Operational Procedure (SOP) for dead animal removal of their sow farm(s), or in case such document does not exist, to inform us of this. Our team will then summarize the available SOP's and use those to create a survey to assess the facilities, structures, and practices on selected sow farms that will be visited in person beginning in late August 2023.

We kindly request veterinarians or producers that are willing to volunteer to confirm their interest and availability to join the project via email to Igor Paploski (ipaploski@umn.edu) or Brenna Werner (werne412@umn.edu) by the end of August 2023.

We believe that your active participation will be instrumental in achieving the project's goals and creating a positive impact regarding the dead animal removal in sow farm operations. We look forward to collaborating with all of you, as we strive to advance best practices and enhance the biosecurity of sow farms, improving the overall health status of the US swine herd.

Reference