

TAKING ACTION TO PROTECT

US SWINE HERD HEALTH

Funded by US pork producers, the Swine Health Information Center delivers results quickly to safeguard the health of the US swine herd.

DELIVERED IN 2017

Focusing on emerging diseases and urgent return-on-investment projects, SHIC delivered relevant and useful tools, programs, and resources in 2017.

- ✓ **Industry Communications Action Plan** for new, non-regulatory disease awareness and response
- ✓ Near real-time **global and domestic monitoring systems**
- ✓ Investigation of **dust samples** to monitor for pathogens in US feed mills
- ✓ **Antibody detection assays** prepared for emerging diseases reflected on Swine Disease Matrix
- ✓ Updated **diagnostic tests** for Japanese Encephalitis Virus and Chinese variant PRV
- ✓ Identified potential for viruses to be transported in **feed ingredients**
- ✓ Research testing **feed additives** to find products effective in killing viruses
- ✓ Review of **market sow and secondary pig markets** for biocontainment and risk management
- ✓ **Rapid Response Program** with trained Corps members ready to deploy in response to emerging disease
- ✓ **Validating commercial PCR test kits** for ability to use oral fluids to set herd disease status during and after a CSF, ASF, or FMD outbreak
- ✓ Supported the **Morrison Swine Health Monitoring Project**



Swine Health Information Center

DEVELOPING IN 2018

SHIC's 2018 Plan of Work builds on 2017 successes and will deliver results quickly to safeguard the health of the US swine herd.

- ✓ Improve **transport biosecurity** and trailer disinfection recommendations
- ✓ Investigate and stop **common inputs acting as vectors for disease introduction**
- ✓ Improve **surveillance and discovery programs** for better detection and more rapid response
- ✓ Test and implement **Rapid Response Program**
- ✓ Expand **domestic and global monitoring** efforts
- ✓ Support **Morrison Swine Health Monitoring** Project
- ✓ Update **Swine Disease Matrix**

SHIC DELIVERS INFORMATION AND SOLUTIONS

- 1 Visit www.swinehealth.org for the latest news, research, and information
- 2 Subscribe to SHIC's monthly newsletter by emailing psundberg@swinehealth.org
- 3 Follow SHIC on Facebook, LinkedIn, and Twitter

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Swine Health Information Center

Funded by America's pork producers to protect and enhance the health of the US swine herd, the Swine Health Information Center focuses its efforts on prevention, preparedness, and response. As a conduit of information and research, SHIC encourages sharing of its publications and research for the benefit of swine health.

CONTACT US



809 Wheeler Street
Suite 110-366
Ames, Iowa 50010

(515) 598-4553
psundberg@swinehealth.org
www.swinehealth.org