

PROGRAM REVIEW

RETURN ON PRODUCERS' INVESTMENT

July 2015 – March 2021



SELECTED ACHIEVEMENTS

- 1** Developed standardization of veterinary diagnostic laboratory reporting so all laboratories publish data with comparable measures, metrics, and terminology. This effort means the US now has the ability to detect and analyze emerging disease and disease trends.
- 2** Built a structure that combines active emerging disease evaluation through continuous Swine Disease Matrix review and updates, while providing a pathway for diagnosticians and veterinarians to detect, identify, and contain emerging and endemic pathogens. Early and constant evaluation prepares producers for early responses.
- 3** Developed a structure that actively engages researchers, diagnosticians, practitioners, state and federal animal health officials, and producers to protect the health of our swine industry.
- 4** Funded targeted research to enhance the prevention of emerging disease and strengthen the preparedness to respond to an emerging disease.
- 5** Coordinates monthly domestic and international disease reports to help veterinarians and producers be aware of changing disease status.

SHIC CONTRIBUTIONS TO THE US PORK INDUSTRY

SHIC's sole purpose is addressing swine health issues and the Center collaborates closely with other pork industry organizations. Collaboration allows for maximizing resources, time, and outcomes without duplication nor territorialism because responsibilities are shared.

This SHIC-led balance between a more rigid preparedness and response structure and grassroots preparedness and response fulfills the Center's mission to safeguard US swine herd health and serves US pork producers well.

SHIC maintains an intentionally responsive structure. This enables quick action on emerging issues and clear accountability for results.

Stretching the initial investment by partnering with other agencies, keeping overhead as low as possible, and seeking additional resources means SHIC is able to deliver consistent, quality results.

SCOPE OF WORK

Focused Solely on Swine Health

Global Swine Health and Issues Identification

Targeted Research Investments

Swine Health Data Analysis and Monitoring for Trends

SHIC RESPONSIBILITIES

- Help identify the biggest swine health threats around the world
- Help the US industry be better prepared
- Have better diagnostic capabilities in place
- Have better awareness of how to respond to specific diseases
- Inform production decisions
- Share information to see trends and find risks much more quickly
 - Resulting analysis of information will inform swine health decisions on the farm

WORKING GROUPS

Monitoring and Analysis Working Group

Preparedness and Response Working Group

- Launched in July 2015 by the National Pork Board (NPB) in response to the porcine epidemic diarrhea virus (PEDV) outbreak in the US
- Responsibilities include monitoring and analyzing emerging disease issues and research
- Funded by one-time NPB Checkoff investment of \$15 million in supplemental funds
- Original five-year life span extended to July 2022, using SHIC's existing funds, approved by NPB
- Successful monitoring of non-program swine diseases
- Working collaboratively with all industry organizations to support producer and veterinarian information and research to enhance the health of the national swine herd:
 - American Association of Swine Veterinarians
 - National Pork Board
 - National Pork Producers Council
- Filling gaps in swine disease prevention, preparedness, and response

Executive Director

Paul Sundberg, DVM, PhD, DACVPM

Board of Directors

Named by the National Pork Board

Gene Noem, *Iowa*

Dr. Russ Nugent, *Arkansas*

Named by the National Pork Producers Council (NPPC)

Dr. Howard Hill, *Iowa*, board vice chair

Dr. Jeremy Pittman, *North Carolina*

Named by the American Association of Swine Veterinarians (AASV)

Dr. Matt Anderson, *Iowa*

Dr. Daryl Olsen, *Iowa*, board chair

At-large Producer Members

Mark Greenwood, *Minnesota*, board treasurer

Mark Schwartz, *Minnesota*

Dr. Matthew Turner, *Colorado*

SHIC OUTREACH

- Producers
- Veterinarians
- Academicians
- Researchers
- Industry Stakeholders

SHIC COMMUNICATIONS

- Swinehealth.org
- Newsletter
- SHIC Talk podcast
- Webinars
- Media Outreach
- Article Preparation for Partners

SHIC-DEVELOPED ASSETS FOR THE INDUSTRY



RAPID RESPONSE PROGRAM AND CORPS



DIAGNOSTIC FEE ASSISTANCE



EMERGING DISEASE COMMUNICATIONS ACTION PLAN



VITAMIN SUPPLY CHAIN REPORT



UPDATED DIAGNOSTIC ASSAY CATALOG



SOW MARKET INFORMATION



SWINE DISEASE MATRIX



SWINE BACTERIAL DISEASE MATRIX



SWINE DISEASE FACT SHEETS



DOMESTIC AND GLOBAL DISEASE MONITORING REPORTS